

**CURRENT POPULATION SURVEY, July 2018  
Tobacco Use Supplement FILE**

**TECHNICAL DOCUMENTATION  
CPS—18**

This file documentation consists of the following materials:

|               |  |
|---------------|--|
| Attachment 1  | Abstract   |
| Attachment 2  | Overview - Current Population Survey   |
| Attachment 3a | Overview – July 2018<br>Tobacco Use Supplement                               |
| Attachment 3b | Overview-Tobacco Use Supplement NCI<br>Data Harmonization Project            |
| Attachment 4  | Glossary   |
| Attachment 5  | How to Use the Record Layout   |
| Attachment 6  | Basic CPS Record Layout  |
| Attachment 7  | Current Population Survey, July 2018<br>Tobacco Use Supplement Record Layout |
| Attachment 8  | Current Population Survey, July 2018<br>Tobacco Use Supplement Questionnaire |
| Attachment 9  | Industry Classification Codes  |
| Attachment 10 | Occupation Classification Codes  |
| Attachment 11 | Specific Metropolitan Identifiers  |
| Attachment 12 | Topcoding of Usual Hourly Earnings   |
| Attachment 13 | Tallies of Unweighted Counts   |
| Attachment 14 | Countries and Areas of the World   |
| Attachment 15 | Allocation Flags   |
| Attachment 16 | Source and Accuracy of the July 2018<br>Tobacco Use Supplement Data          |
| Attachment 17 | User Notes   |

**NOTE**

Questions about accompanying **documentation** should be directed to Center for New Media and Promotions Division, Promotions Branch, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-4400.

Questions about the **CD-ROM** should be directed to The Customer Service Center, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-INFO (4636).

Questions about **the design, data collection, and CPS-specific subject matter** should be directed to Tim Marshall, Demographic Surveys Division, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-3806.

Questions about the **TUS subject matter** should be directed to the National Cancer Institute's Division of Cancer Control and Population Sciences, Behavior Research Program at [ncidccpsbrpadvances@mail.nih.gov](mailto:ncidccpsbrpadvances@mail.nih.gov)

## ABSTRACT

*The National Cancer Institute (NCI) of the National Institutes of Health (NIH) and the U.S. Food and Drug Administration (FDA) sponsored a Tobacco Use Supplement (TUS) to the Current Population Survey (CPS) conducted by the Census Bureau for the Bureau of Labor Statistics. - Washington: Census Bureau [producer and distributor], July 2018.*

### Type of File:

Microdata; unit of observation is person.

### Universe Description:

For July 2018, the universe is person level for all persons aged 18 and above (prior to 2007 TUS also included those 15–17 years old) in the civilian noninstitutional population of the United States and completed the labor force interview.

The probability sample selected to represent the universe consisted of 50,407 households.

The supplement universe has the following conditions:

- HRINTSTA = 1
- PRPERTYP = 2
- PRTAGE greater than or equal to 18
- HRMIS in 1, 2, 3, 4, 5, 6, 7, 8
- PEELGFLG = 1

*Questionnaire Structure: The supplement is structured in Sections A through K (except I)*

- Section A screened for prior cigarette usage and current usage status of everyday smoker, some days smoker, former smoker (*now “not at all” smoking*), and never smoker (“*never*” being defined as “*not having smoked 100 cigarettes in one’s lifetime*”).
- Section B **detailed smoking history and current use patterns** questions were asked if the person had smoked 100 cigarettes and is a self- respondent currently smoking everyday.

- Section C **detailed smoking history and current use patterns** questions were asked if the person had smoked 100 cigarettes and is a self- respondent currently smoking some days.
- Section D asked self respondent current every day and some day smokers questions about quit smoking attempts of the past 12 months, and if none, asked if ever quit.
- Section E asked self respondent current every day and some-day smokers about a set of methods used (quit lines, internet or web-based tools or Apps, switching to other tobacco products, nicotine replacement therapy, prescription antidepressants used for cessation treatment, counseling, classes and support groups) during the most recent quit attempt within the past 12 months.
- Section F asked self respondent current every day and some-day smokers about medical (often in past also dental, but not in 2018-19 series) doctor advice to stop smoking.
- Section G asked self respondent current every day and some-day smokers about the person's interest, likelihood, and confidence in quitting within the next 6 months.
- Section H questions were asked of self respondent former smokers (if the person had smoked 100 cigarettes, is a self-respondent and currently not smoking at all) similar questions asked of current smokers in Sections B, C, E, and F.
- Section J asked all respondents about ever and current use of other tobacco products (cigars, regular pipes, hookah pipes, e-cigarettes, smokeless tobacco, and dissolvables) and asked ONLY self-respondents more detailed items about other tobacco product use (all other tobacco products EXCEPT dissolvables). .
- Section K asked self-respondents about indoor smoke-free and vape-free policies at work and at home, attitudes towards smoking in different places including in multi-unit housing. Also included is an item on awareness of tobacco industry corrective statements mandated by a federal judge.

### **Subject-Matter Description:**

Data are provided on labor force activity for the week prior to the survey. Comprehensive data are available on the employment status, occupation, and industry of persons 15 years old and over. Also shown are personal characteristics such as age, sex, race, Hispanic origin, marital status, veteran status, immigration status, household relationship, educational background, and some daily living functional status items.

The Tobacco Use questions were asked for randomly selected household members age 18 years and older in July 2018. A new feature begun in 2014-15 and continuing in the 2018-2019 cycle included random selection of respondents in larger households to reduce respondent burden. If the household had only 1 or 2 supplement eligible members then those persons were selected for interview. If the household had 3 or 4 supplement eligible members, then 2 of them were randomly selected for interview. If the household had more than 4 supplement eligible members, then 3 of them were randomly selected for interview.

For those supplement eligible persons NOT randomly selected, no supplement questions were asked, not even a proxy-response interview. This is a change from the previous collections for this supplement in 2014 and 2015.

Self-response was attempted for all eligible persons **selected**. A proxy interview was allowed after four callbacks to attempt a self-response. Those selected for self interview who were interviewed were eligible for the entire supplement, whereas proxy respondents standing in for those self-selected ones were only given an abbreviated interview.

### **Geographic Coverage:**

Geography data are provided at the State level and some sub-state levels for specific metropolitan identifiers (Attachment 11).

### **Technical Description:**

**File Structure:** Rectangular.

**File Size:** 142,577<sup>1</sup> logical person records; 1563 character logical record length. There are 94,098 total supplement eligible records for July 2018.

**File Sort Sequence:** The file is sorted by State (GESTFIPS) by household identification number by line number.

### **Reference Materials:**

*Current Population Survey, July 2018: Tobacco Use Supplement Technical Documentation.* Documentation contains this abstract, questionnaire facsimiles, and record layouts of the file. Documentation is located at <https://www.census.gov/programs-surveys/cps/technical-documentation/complete.html> . Census Bureau Documentation for July 2018 and other TUS survey waves are also located at <https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires.html> .

---

<sup>1</sup> (PRPERTYP=1,2,3 AND HRINTSTA in Type A, B, C)

Census Bureau. *The Current Population Survey Design and Methodology* (Technical Paper 77) describes in detail the sample design and survey procedures used as well as accuracy of estimates and sampling errors. A copy can be found at <https://www.census.gov/programs-surveys/cps/technical-documentation/complete.html>

**File Availability:**

The main data file, technical documentation, and replicate weight files are all available for download at [http://thedataweb.rm.census.gov/ftp/cps\\_ftp.html#cpssupps](http://thedataweb.rm.census.gov/ftp/cps_ftp.html#cpssupps) and will also be available directly from the NCI sponsor's site at <https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires.html>.

The data contained herein are the first month's data for the 2018-2019 TUS wave; in particular, from the July 2018 fielding. Data from the January 2019 and May 2019 fieldings will be made available at a later date once ready. Please check the TUS website for updates and to sign-up for the TUS notifications listserv at <https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/index.html>.

An updated NCI TUS-CPS harmonized dataset to include data from 1992 through 2019 will be available after the final 2018-2019 data are available.

## ATTACHMENT 2

### OVERVIEW

#### Current Population Survey

##### Introduction

The Current Population Survey (CPS) is the source of the official government statistics on employment and unemployment. The CPS has been conducted monthly for over 50 years. Currently, we obtain interviews from about 54,000 households monthly, scientifically selected on the basis of area of residence to represent the nation as a whole, individual states, and other specified areas. Each household is interviewed once a month for four consecutive months one year, and again for the corresponding time period a year later. This technique enables us to obtain reliable month-to-month and year-to-year comparisons at a reasonable cost while minimizing the inconvenience to any one household.

Although the main purpose of the survey is to collect information on the employment situation, a very important secondary purpose is to collect information on demographic characteristics such as age, sex, race, marital status, educational attainment, family relationship, occupation, and industry. From time to time, additional questions are included on health, education, income, and previous work experience. The statistics resulting from these questions serve to update similar information collected once every 10 years through the decennial census, and are used by government policymakers and legislators as important indicators of our nation's economic situation and for planning and evaluating many government programs.

The CPS provides current estimates of the economic status and activities of the population of the United States. Because it is not possible to develop one or two overall figures (such as the number of unemployed) that would adequately describe the whole complex of labor market phenomena, the CPS is designed to provide a large amount of detailed and supplementary data. Such data are made available to meet a wide variety of needs on the part of users of labor market information.

Thus, the CPS is the only source of monthly estimates of total employment (both farm and nonfarm); nonfarm self-employed persons, domestics, and unpaid helpers in nonfarm family enterprises; wage and salaried employees; and, finally, estimates of total unemployment.

It provides the only available distribution of workers by the number of hours worked (as distinguished from aggregate or average hours for an industry), permitting separate analyses of part-time workers, workers on overtime, etc. The survey is also the only comprehensive current source of information on the occupation of workers and the industries in which they work. Information is available from the survey not only for persons currently in the labor force but also for those who are outside the labor force. The characteristics of such persons - whether married women with or without young children, disabled persons, students, older retired workers, etc., can be determined. Information on their current desire for work, their past work experience, and their intentions as to job seeking are also available.

For a more detailed discussion about the basic labor force data gathered on a monthly basis in the CPS survey, see "Explanatory Notes and Estimates of Error" in any recent issue of the *Employment and Earnings*, a Bureau of Labor Statistics periodical. This source is referred to on the next page.

## **CPS Sample Design**

The Current Population Survey (CPS) is a monthly survey designed primarily to produce national and state estimates of labor force characteristics of the civilian noninstitutional population (CNP) 16 years of age and older. It is conducted in approximately 60,000 eligible housing units throughout the United States. (Note: 'Eligible' can be simplistically defined as an occupied housing unit having at least one person in the CNP.) This sample includes 10,000 eligible housing units from the monthly supplementary sample to improve state-level estimates of health insurance coverage for low-income children, also known as the CHIP expansion. This supplementary sample has been part of the official CPS since July 2001. Thirty-two states plus the District of Columbia contain this supplementary sample each month.

The CPS sample is based on information from the 2010 Decennial Census, in accordance with usual practice. Historically, the CPS sample has been redesigned after each Decennial Census.

The CPS sample is a probability sample based on a stratified two-stage sampling scheme: selection of sample primary sampling units (PSUs) and selection of sample housing units within those PSUs. In general, the CPS sample is selected from lists of addresses obtained from the Master Address File (MAF) with updates from the United States Postal Service (USPS) twice a year. The MAF is the Census Bureau's permanent list of addresses, including their geographic locations, for individual living quarters. It is continuously maintained through partnerships with the USPS; with Federal, State, regional, and local agencies; and with the private sector, and it is used as a sample frame by many Census Bureau demographic surveys.

Approximately 72,000 housing units are assigned for interview each month, of which about 60,000 are occupied and thus eligible for interview. The remainder are units found to be destroyed, vacant, converted to nonresidential use, containing persons whose usual place of residence is elsewhere, or ineligible for other reasons. Of the 60,000 occupied housing units, approximately 10 percent are not interviewed in a given month due to temporary absence (vacation, etc.), the residents are not found at home after repeated attempts, inability of persons contacted to respond, unavailability for other reasons, and refusals to cooperate. The interviewed households contain approximately 108,000 persons 15 years old and over, approximately 27,000 children 0-14 years old, and about 450 Armed Forces members living with civilians either on or off base within these households. A more precise explanation regarding the CPS sample design is provided in "Explanatory Notes and Estimates of Error: Household Data - Sampling" in any issue of *Employment and Earnings*.

## **Relationship of Current Population Survey Files to Publications**

Each month, a significant amount of information about the labor force is published by the Bureau of Labor Statistics in the *Employment and Earnings* and *Monthly Labor Review* reports.

As mentioned previously, the CPS also serves as a vehicle for supplemental inquiries on subjects other than employment, which are periodically added to the questionnaire. From the basic and supplemental data, the Bureau of the Census issues three series of publications under the general title Current Population Reports:

- P-20 Population Characteristics
- P-23 Special Studies
- P-60 Consumer Income

All Current Population Reports, including the other series for population estimates and projections and special censuses, may be obtained by subscription from the U.S. Government Printing Office at 202-783-3238. Subscriptions are available as follows: Population Characteristics, Special Studies, and Consumer Income series (P-20, P-23, P-60) combined, \$101 per year (sold as a package only); Population Estimates and Projections, (P-25),

\$27 per year. Single issues may be ordered separately; ordering information and prices are provided in the Bureau of the *Census Catalog and Guide*, the *Monthly Product Announcement* (MPA), and in *Census and You*. Selected reports also may be accessed on the INTERNET at <http://census.gov/library/publications.html>.

## **Geographic Limitations**

The CPS sample was selected so that specific reliability criteria were met nationally, for each of the 50 States and for the District of Columbia. Since 1985, these reliability criteria have been maintained through periodic additions and deletions in the State samples. Estimates formed for geographic areas identified on the microdata file which are smaller than states are not as reliable.



## Weights

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns for the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The base weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. Almost all sample persons in the same state have the same base weight, but the weights across states are different. Selection probabilities may also differ for some sample areas due to field subsampling, which is done when areas selected for the sample contain many more households than expected. The base weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. **Noninterview adjustment.** The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a state. Similarity of sample areas is based on Core-Based Statistical Area (CBSA) status and size. Within each cluster, there is a further breakdown by residence. Each CBSA cluster is split by "principal city" and "balance of the CBSA." The proportion of occupied sample households not interviewed fluctuates around 8 percent depending on weather, vacations, etc.
2. **Ratio estimates.** The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole in such characteristics as age, race, sex, and state of residence. Because these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio adjustment as follows:
  - a. *First-stage ratio estimate.* The purpose of the first-stage ratio adjustment is to reduce the contribution to variance that results from selecting a sample of PSUs rather than drawing sample households from every PSU in the nation. This adjustment is made to the CPS weights in two race cells: black and nonblack; it is applied only to PSUs that are nonself-representing and for those states that have a substantial number of black households. The procedure corrects for differences that existed in each state cell at the time of the 2000 census between 1) the race distribution of the population in sample PSUs and 2) the race distribution of all PSUs (both 1 and 2 exclude self-representing PSUs).
  - b. *Second-stage ratio estimate.* This procedure substantially reduces the variability of estimates and corrects, to some extent, for CPS undercoverage. The CPS sample weights are adjusted to ensure that sample-based estimates of population match independent population controls. Three sets of controls are used:
    - 1) 51 state controls of the civilian noninstitutional population 16 years of age and older
    - 2) national civilian noninstitutional population controls for 14 hispanic and 5 nonhispanic age-sex categories
    - 3) national civilian noninstitutional population controls for 66 white, 42 black, and 10 "other" age-sex categories

The independent population controls are prepared by projecting forward the resident population as enumerated on April 1, 2000. The projections are derived by updating demographic census data with information from a variety of other data sources that account for births, deaths, and net migration. Estimated numbers of resident Armed Forces personnel and institutionalized persons reduce the resident population to the civilian noninstitutional population. Estimates of net census undercount, determined from the Post Enumeration Survey, are added to the population projections. Prior to January 2003, the projections were based on earlier censuses, and prior to January 1994, there was no correction for census undercount. A summary of the current procedures used to make population projections is given in "Revisions in the Current Population Survey Effective January 2003" in the January 2003 issue of Employment and Earnings..

## **Comparability of CPS From Microdata Files With Published Sources**

Although total estimates of the total population will equal published estimates, labor force estimates produced from a microdata file may not be directly comparable or identical with the published nonseasonally adjusted labor force data. The official labor force statistics published by the Bureau of Labor Statistics (BLS) are calculated using the CPS composite weight (PWCMPWGT). Anyone wanting to replicate not seasonally adjusted BLS estimates should use this weight. However, not all estimates made from a public use file will match such weighted published estimates. This is because of various steps taken in the creation of CPS public use files to protect the confidentiality of CPS respondents. Top side estimates for most major demographic and economic categories such as age, race, gender and major labor force status will agree with the published totals; however, estimates for small groups/combinations of these characteristics will differ. The same is true for any estimates for any demographic or labor force characteristic not listed above. Such estimates will be similar but not identical.

Another factor also inhibits microdata comparison with published labor force data. This is the seasonal adjustment that is applied to many published statistics. This adjustment is used to adjust for normal seasonal variations to help distinguish the underlying economic situation in month-to-month changes and is not reflected in any of the weights or variables included on the public use files.

Shown below are data from January and July 2015 which demonstrate how estimates compiled using the final weights from the microdata file may differ from the published composited estimates, with and without seasonal adjustment. Note that the composite estimation procedure was not used for estimates published from January 1994 to May 1994. For a further description of both the composite estimator and seasonal adjustment, see the most recent of the CPS Technical Paper (66 or 77).

## Comparison of CPS Estimates from Microdata Files with Published Sources

|  | Civilian<br>Noninstitutional<br>Population | Civilian<br>Labor<br>Force | Employed | Unemployed | Not in<br>Labor<br>Force |
|--|--|----------------------------|----------|------------|--------------------------|
| <hr/>                                      |  |                            |          |            |                          |
| January 2015<br>Data (000's)               |  |                            |          |            |                          |
| Final Weights                              | 249,723                                    | 156,311                    | 146,658  | 9,653      | 93,412                   |
| Composited<br>(Not Seasonally<br>Adjusted) | 249,723                                    | 156,050                    | 146,552  | 9,498      | 93,674                   |
| Composited<br>(Seasonally<br>Adjusted)     | 249,723                                    | 157,180                    | 148,201  | 8,979      | 92,544                   |
| <hr/>                                      |  |                            |          |            |                          |
| July 1993<br>Data (000's)                  |  |                            |          |            |                          |
| Final Weights                              | 250,876                                    | 159,112                    | 150,176  | 8,936      | 91,764                   |
| Composited<br>(Not Seasonally<br>Adjusted) | 250,876                                    | 158,527                    | 149,722  | 8,805      | 92,349                   |
| Composited<br>(Seasonally<br>Adjusted)     | 250,876                                    | 157,106                    | 148,840  | 8,266      | 93,770                   |
| <hr/>                                      |  |                            |          |            |                          |

## ATTACHMENT 3

### OVERVIEW

#### July 2018 Tobacco Use Supplement

##### General

Census Bureau staff conducted a Tobacco Use Supplement (TUS) to the Current Population Survey (CPS) in conjunction with the July 2018 CPS. The National Cancer Institute (NCI) and the U.S. Food and Drug Administration (FDA) currently co-sponsor the supplement. NCI has sponsored the TUS-CPS regularly since 1992 (more information on individual past waves can be found on the NCI website <http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/>). The CPS is a monthly labor force survey conducted in approximately 50,000 interviewed households across the country. Attachment 8 contains a facsimile of the July 2018 TUS questions.

**Major changes** in content of the 2018-2019 series included:

- Capturing additional information on current cigarette use among adult respondents between the ages of 18 and 34 (who responded that they had not smoked at least 100 cigarettes).
- Adding back past items on use of cessation tools including nicotine replacement therapy, anti-depressants, and in-person counseling and support groups.
- Removing detailed items on use of dissolvable tobacco products.

**New items include:**

- Purchasing loose tobacco for roll-your-own cigarettes.
- Categorizing e-cigarette device type.
- Purchasing behaviors and costs for buying e-cigarettes, e-cigarette cartridges, or e-liquid.
- Policies toward e-cigarette use in the workplace and rules inside the home.
- Exposure to federal court mandated tobacco company corrective statements about the dangers of smoking cigarettes.
- Awareness and use of commonly called “heat not burn” tobacco products-**ONLY ADDED to May 2019 fielding.**

TUS data can be used by researchers to monitor tobacco control progress; conduct tobacco-related research, including tobacco health disparities; and evaluate tobacco control programs and policies. Although the TUS has changed slightly between 1992 and 2019, it has generally contained the same information covering:

- current cigarette smoking status and amount smoked;
- use of menthol cigarettes (since 2003);
- smoking history, quit attempts, and intention to quit;
- level of nicotine dependence (since 2003);
- cost of cigarettes and purchase location (since 2003);

- medical/dental advice to quit;
- cigar, pipe, and smokeless tobacco use;
- harm reduction and other emerging products (since 2003);
- workplace and home smoking restrictions; and
- attitudes toward smoke-free policies in public places.

More recent series have included more detailed information on:

- emerging tobacco products; e-cigarette items were added in the 2014-2015 series for the general population (while “ever use” of e-cigarettes among ONLY current and recently quit former users of any tobacco product was first introduced in May 2011).
- use of flavored non-cigarette tobacco products; and
- attitudes toward smoking in multi-unit housing.

Following this July 2018 collection were collections in January 2019 and May 2019 making up the 2018-19 TUS-CPS wave. Each file contains only TUS supplement data collected for the specific month (e.g., July 2018, January 2019 or May 2019) and its corresponding CPS data. The remaining two months data files will be available shortly. State data will be most reliable when using data from all three months of data collection, within a survey wave. For this reason, we recommend using all three files when analyzing most state or sub- state level data.

### **For the July 2018 Tobacco Use Supplement, THE CITATION IS:**

**US Department of Commerce, Census Bureau 2019, National Cancer Institute and Food and Drug Administration co-sponsored Tobacco Use Supplement to the Current Population Survey July 2018.** <http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/>

To cite the Technical Documentation and Data Files, use the following in the above citation: <https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires.html>.

For more information about past, current and future NCI TUS, past data files’ citations, data reports, and publications utilizing supplement data, see the NCI website: <http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/>.

### **Data Collection**

**Respondents are included in the 2018-19 TUS-CPS sample typically only once.** The rotation of household in and out of sample for the TUS-CPS were generally sufficiently spaced with months between interviewing so the sample did not contain many overlapping panels and this eliminated most individuals being in the sample twice with-in the 2018-19 main data files.

**The 2018-2019 Tobacco Use Supplement Items.** The Supplement consisted of Items PEA1 through SINTTP. All CPS household members age 18 years and older who had completed CPS Core items were eligible for these items in July 2018.

A new feature that was first implemented in the 2014-15 wave and continued in this 2018-2019 wave consisted of **random selection** of respondents in **larger households** to reduce respondent burden. If the household had only 1 or 2 supplement eligible members then those persons were selected for self-interview. If the household had 3 or 4 supplement eligible members, then 2 of them were randomly selected for self-interview. If the household had more than 4 supplement eligible members, then 3 of them were randomly selected for self-interview.

For those supplement eligible persons NOT randomly selected for self-interview, no supplement questions were asked, not even a proxy-response interview. This is a change from the previous collections for this supplement in 2014 and 2015 and earlier waves. A proxy interview was implemented for a selected self-interview respondent ONLY after four failed callback attempts.

### ***Items for Both Proxy and Self-Respondents***

Self-respondents were eligible for the entire supplement, whereas proxy respondents were only eligible for certain items. We only collected information from proxies on topics such as smoking status (Items PEA1 – PEA3) and the use of non-cigarette tobacco products- cigars (including cigar types: large/regular cigars, cigarillos, and little filtered cigars), pipes (asked separately about regular pipes and water pipes/hookah), electronic cigarettes (e-cigarettes), smokeless tobacco (including snuff, dip, chewing tobacco, and snus), and dissolvable tobacco. (Items PEJ1a@1-5 and PEJ2a@1-5).

### ***Items for Self-Respondents Only***

In addition to the smoking and other tobacco use status questions, we asked self-respondents various questions depending on their smoking/tobacco use status. SEE details for Questionnaire Sections B-K in ATTACHMENT 1- ABSTRACT.

### ***Special Administrative Items***

We also collected some special questions, such as type of interview [self (full) interview, proxy interview], the language in which the interview was conducted, the survey method (telephone vs. personal-visit interviews), Computer Assisted Telephone Interviewing (CATI) vs. Computer Assisted Personal Interviewing (CAPI), and the date of the interview.

### **NOTE:**

Beginning with the 2003 TUSCS-CPS both every day and some-day current smokers who smoked at least 12 days in the last 30 days were asked about attempts to try to quit smoking lasting at least one day, including characteristics of the attempt(s). We asked those some-days smokers smoking less than 12 days during the past 30 days whether during the past 12 months, they had TRIED to QUIT smoking COMPLETELY (Da). Previous to 2001-02, only every day smokers were asked these questions on the TUS-CPS, and in 2001-02 all current cigarette smokers (both every-day and some-day) were asked these questions.

## Data Processing

The data processing involved editing the July 2018 Supplement data. This process is described in the next section.

### Edits, Allocations, and Recodes

**Regular Edits** Data processing involved a consistency edit of all supplement items. The consistency edit ensured that the entries within an individual record followed the correct skip pattern.

**Other Edits** *We also edited the supplement data based on patterns of response, such as:*

- making check items consistent with entries;
- making the various records of proxy/self consistent with each other; and
- assigning a code "88" in the variable PES78 when we knew that the interview was done by a proxy, but we did not know by whom.

**Recodes** *We also created an interview status recode and a smoking status recode.*

- The interview status recode is identified by the variable "INTRVIEW" where Code 1 is a TUS interview (self or proxy). Code 2 refers to non-interviews among those *originally* eligible for the supplement who are adults 18 years and older who are members of CPS interviewed households and not active duty members of the armed forces. Thus, Code 2 also includes those excluded from *final* eligibility and not interviewed due to having incompleting CPS interviews or those not randomly selected for supplement interview, as well as those nonresponses to TUS interview.. Code -1 refers to those records ineligible from the start for TUS interview because they are CPS non-response household records, are children (0-14 years of age), adults 15-17 years of age, or on active duty in the armed forces.
- The smoking status recode is identified by the variable "SMOKSTAT" where Code 1 is a "never smoker," Code 2 is an "every day smoker," Code 3 is a "some days smoker," Code 4 is a "former smoker," and Code -9 is "indeterminate (unknown) smoking status. This recode refers to the smoking status based on the "100 cigarettes" definition of smoking. Thus, those 18-34 year olds who responded No, Don't Know (DK), or Refused (R) to the PEA1 item ("Have you EVER smoked 100....) who were also asked item PEA3 ("Do you NOW smoke every day, some days, or Not at all?") to explore experimental current smoking, are categorized according to whether or not they answered YES, or NO/DK/R to PEA1 (EVER smoked at least 100 cigarettes) and ONLY a Yes response to A1 had their A3 responses considered.

**Disclosure Avoidance Methods** Variables indicating either a number of cigarettes smoked during a time period or a price paid for cigarettes were subjected to disclosure avoidance techniques, by topcoding the value, and for the price paid items, rounding to the nearest five cents in addition to topcoding by state. More detail about these disclosure avoidance techniques and how they were determined will be provided at a later date.

The values and universes and position locations for each variable are defined and identified in the supplement record layout (Attachment 7).

## **Weighting**

***PWSSWGT for Labor Force Data*** All adult records retain the "basic CPS weight," which controls for age, race, sex, and Hispanic origin estimates and for individual state 16+ estimates. Use the basic CPS final weight PWSSWGT for tallying the labor force items. For a description of this weight, see Attachment 2, "Overview of the Current Population Survey."

***Special Supplement Weights*** This file contains two special supplement weights: a supplement non-response adjustment weight and a supplement self-only non-response adjustment weight. In addition to maintaining national demographic totals (for age, sex, race, and origin), these weights were designed to maintain each state's population total.

### **Supplement Non-Response and Self-only Non-Response Weights**

- Use the supplement non-response adjustment weight PWNRWGT when using ALL respondents (self or proxy) for tallying the limited set of tobacco use status supplement items.
- When you are interested in ONLY SELF-response analysis (especially for those detailed items ONLY asked on the FULL self-response interview), use the supplement self-only non-response adjustment weight PWSRWGT for tallying the supplement items.

***Special Replicate Weights File.*** A set of special replicate weights for making variance estimates such as standard errors and creating confidence intervals to account for the complex sample design of CPS and TUS have been created and exist on separate files. Replicate weight files are available from the Census Bureau at ([http://thedataweb.rm.census.gov/ftp/cps\\_ftp.html#cpsrepwgt](http://thedataweb.rm.census.gov/ftp/cps_ftp.html#cpsrepwgt)) and are also directly available from the NCI TUS-CPS website <http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires.html>.

***Use of Weights When Using All Three Files.*** The best analysis of the TUS-CPS data, especially for states and smaller localities, will come from combining the data in all three collection periods -July 2018 with January 2019 and May 2019 (when they become available). To use the main weights as well as the replicate weights when combining the three data files, divide each weight by three. The use of a replicate weighting method is suggested for calculating standard errors of estimates. Replicate weight files are available from the Census Bureau at [http://thedataweb.rm.census.gov/ftp/cps\\_ftp.html#cpsrepwgt](http://thedataweb.rm.census.gov/ftp/cps_ftp.html#cpsrepwgt).

## **July 2018 NCI and FDA co-sponsored TUS-CPS Files**

***CPS Labor Force Data.*** The July 2018 CPS file contains 142,577 records. The first 1000 characters contain the labor force data for each record. Attachment 6 contains the CPS Basic Items Record Layout, which includes the variable name, character size, location on the record, universe, and the possible values of each basic CPS variable included on the file.



PRPERTYP determines the type of record as follows:

PRPERTYP

- 1 = Child household member (0-14 years old)
- 2 = Adult civilian household member (15 + years old)
- 3 = Adult Armed Forces household member (15 + years old)

HRINTSTA determines the interview status of the household.

HRINTSTA

- 1 = Interviewed
- 2 = Type A Non-interview (These records represent households that were eligible for CPS interview but were not interviewed because no one was home, household members were temporarily absent, etc.)
- 3 = Type B Non-interview (These records represent sample addresses determined to be ineligible for the CPS by virtue of a temporary situation, such as being vacant, nonresidential, etc. These households could become eligible for a CPS interview.)
- 4 = Type C Non-interview (These records represent sample addresses determined to be ineligible for CPS by virtue of a permanent change such as demolished, condemned, etc. These addresses will not be visited again for CPS interviews.)

The Total Number of Records is Determined by Combining the Values of PRPERTYP (1-3) and HRINTSTA (2-4).

The values of PRPERTYP are:

|                         | <u>Unweighted Counts</u> |
|-------------------------|--------------------------|
|                         | July 2018                |
| 1 = Child               | 22,296                   |
| 2 = Adult Civilian, 15+ | 99,132                   |
| 3 = Adult, Armed Forces | <u>470</u>               |
| Total                   | <b>121,898</b>           |

The values of HRINTSTA are:

|                          |                      |
|--------------------------|----------------------|
| 1 = Interview            | 121,898 <sup>1</sup> |
| 2 = Type A Non-interview | 9,253                |
| 3 = Type B Non-interview | 10,940               |
| 4 = Type C Non-interview | <u>486</u>           |
|                          | <b>142,577</b>       |

---

<sup>1</sup> Equal to PRPERTYP in 1, 2 or 3

## Supplement Response (Non-Response) and Supplement Self-Only Response (Non-Response) Rates

**Non-response** . The effect of non-response cannot be measured directly, but one indication of its potential effect is the supplement response rate (or non-response rate). For the July 2018 basic CPS, the household-level response rate was 84.5 percent. The person-level response rates for the Tobacco Use Supplement were 74.5 percent for the total (allowing all self and proxy responses) and 57.7 percent for self-response only (counting proxy responses as non-responses).

Since the basic CPS non-response rate is a household-level rate and the Tobacco Use supplement non-response rate is a person-level rate, we cannot combine these rates to derive an overall non-response rate. Nonresponding households may have fewer persons than interviewed ones, so combining these rates may lead to an overestimate of the true overall non-response rate for persons for the Tobacco Use Supplement. In order for an individual to be eligible for the supplement, the individual's basic CPS questionnaire must have been completed. Final eligibility is further limited to those who were randomly selected based on household size for FULL self-response interview.

The TUS response rate is calculated as the percentage of those who completed the TUS (interviewed) to those who were eligible to complete it after all previous exclusions .

For the break-down by response type and sample size, see the chart below.

| July 2018                        | Count               | Percent |
|----------------------------------|---------------------|---------|
| Total Eligible for TUS Interview | 81,032 <sup>2</sup> | 100.0   |
| Self Respondents                 | 46,759              | 57.7    |
| Proxy Respondents                | 13,602              | 16.8    |
| Non-Respondents                  | 20,671              | 25.5    |

The Total Number of TUS-CPS Interviewed Adults 18+ (INTRVIEW=1) for July 2018 is: **60,361<sup>3</sup>**

Those INELIGIBLE for the TUS ( include:

- adults 18 and up that were NOT randomly selected for interview (N=12,700<sup>4</sup>)
- children 0-14 years of age (N =22,296),
- adults 15-17 years of age (N = 4,800),
- those adults in the Armed Forces (N=470),
- those with incomplete CPS interviews (N = 600) and
- CPS non-interviewed persons (N = 20,671).

<sup>2</sup> Total eligible for TUS interview. These counts for “eligible” and “interviewed” include 12 respondents who were interviewed (8 by self-response and 4 by proxy) although they had not been randomly selected for interview. Likewise, the “ineligible” count for adults 18+ that were not randomly chosen for interview exclude these 12 respondents to keep the total number of persons/records consistent.

<sup>3</sup> Interviewed

<sup>4</sup> NOT randomly selected for interview

## **ATTACHMENT 3b**

### **Tobacco Use Supplements (TUS-CPS)**

#### **TUS-CPS Data Harmonization and Its Linkages to Other CPS Supplements and Health Outcomes Data**

##### **Data Harmonization**

Data from 1992 through the 2015 waves of the TUS-CPS have been harmonized into a single file by NCI to provide a more robust data source by increasing the sample size for measures and to allow for more seamless tracking of trends over time. Data from the 2018-2019 series will be added to the harmonized dataset after all three data collection months are available. Please visit

<https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires.html> for more information on the harmonized data and see 2019 Workshop presentation, <https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/workshops/2019/TUS-SRNT2019WorkshopPresent.pdf>

##### **Harmonized Topics**

Core variables from CPS (demographic, geographic, occupational, economic variables) were included in the harmonization. Harmonized topics include:

- Cigarette use, both current and prior usage among daily and nondaily smokers. Also includes menthol use since 2003
- Workplace and home smoking restrictions
- Attitudes toward smoke-free policies in indoor work areas/public places (no harmonization for smoke-free attitudes for multi-unit housing which started in 2014-15 and will later be harmonized with 2018-19 and future data)
- Advice by physician/dentist to quit smoking
- Health perceptions/beliefs (harm reduction)
- Smoking history including cessation attempts and aids used for both current and former smokers
- Other tobacco products: cigar, pipe, and smokeless tobacco use; other emerging products, including e-cigarettes.

##### **Data Collection**

Respondents are included in a TUS-CPS sample (wave) typically only once. The rotation of households in and out of sample for the TUS-CPS was generally sufficiently spaced, with months between interviewing so the sample did not contain many overlapping panels. This spacing eliminated most individuals being in the sample twice within the various TUS waves main data files. Intentional exceptions to this are for those longitudinal cohorts in which follow-up was a goal such as for May 2010-2011 and February 2002-2003. A limited cohort was also created to examine changes in wording of other tobacco products for January and May 1999 with January and May 2000, respectively.

Additional information on data collection waves can be found on the NCI website <http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires.html> and in the technical documentation for each individual month's data collection.

### **Information on TUS-CPS Linkages to Other CPS Supplements and Health Outcomes Data**

A unique feature of the CPS is its panel design, in which each household in the sample is surveyed for four consecutive months (panels # 1-4) and then for four more consecutive months (panels # 5-8) nine months later. SEE:

- Attachment # 2- Overview of the Current Population Survey in this Technical Documentation, and
- U.S. Department of Commerce. 2019. Current Population Survey: Design and Methodology Technical Paper 77. Washington, D.C. U.S. Census Bureau <http://www.census.gov/prod/2019pubs/tp-77.pdf> ] .

Due to this sampling strategy a subset of persons who were in sample for any given month of TUS-CPS fielding (e.g., July 2018, January 2019, or May 2019) can be linked with other CPS Basic and Supplement data from surveys conducted within about + /- 15 months of a TUS-CPS. This affords an opportunity to not only create a special cohort follow-up (as we did in Feb. 2002-03 and May 2010-11), but also to include other topics in analysis from March Annual Social and Economic Supplement (ASEC), Computer and Internet and Use, American Time Use (ATUS), Voting and Registration, Food Security, Veterans, and other CPS Supplements.

**For a listing of CPS Supplements**, see <https://www.census.gov/programs-surveys/cps/about/supplemental-surveys.html> , for specific CPS Supplements see the Census CPS ftp website for individual Supplement's Technical Documentation and data download at [https://thedataweb.rm.census.gov/ftp/cps\\_ftp.html?#cpspssups](https://thedataweb.rm.census.gov/ftp/cps_ftp.html?#cpspssups) and for some examples of recent info see:

- March Annual Social and Economic (ASEC) Supplement:  
[https://thedataweb.rm.census.gov/ftp/cps\\_ftp.html?#cpsmarch](https://thedataweb.rm.census.gov/ftp/cps_ftp.html?#cpsmarch)
- Computer and Internet Use Supplement:  
<https://www.census.gov/topics/population/computer-internet.html>
- American Time Use Supplement (ATUS): <https://www.bls.gov/tus/>
- Voting and Registration Supplement:  
<https://www2.census.gov/programs-surveys/cps/techdocs/cpsnov18.pdf> and <https://www.census.gov/topics/public-sector/voting/data.html>
- Food Security Supplement:  
<https://www2.census.gov/programs-surveys/cps/techdocs/cpsdec17.pdf> and <https://www.ers.usda.gov/data-products/food-security-in-the-united-states/>
- Veterans Supplement:  
<https://www2.census.gov/programs-surveys/cps/techdocs/cpsaug17.pdf>

**For matching variables and procedures for merging other CPS Supplement data to the 2018-19 TUS –CPS files and earlier TUS-CPS series, see:**

- Census Bureau website document on linking the CPS public use data files, <https://www2.census.gov/programs-surveys/cps/methodology/How%20To%20Link%20CPS%20Public%20Use%20Files.pdf>.
- <http://www.cancermeetings.org/TUSCPSWebinar/presentations.cfm> , especially [http://www.cancermeetings.org/TUSCPSWebinar/documents/TUSCPS\\_Webinar\\_Gibson.pdf](http://www.cancermeetings.org/TUSCPSWebinar/documents/TUSCPS_Webinar_Gibson.pdf)
- <https://www2.census.gov/programs-surveys/cps/techdocs/cpsmay10-11.pdf>
- <https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/workshops/index.html>

**For how to generally reweight a subset of multiple panel data from the same individuals, see:**

- the NCI report describing how we reweighted the TUS 2002-2003 Overlap (Longitudinal) Cohort data: [Weighting the Overlap Sample report \(PDF\)](#) , , [https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/TUS-CPS\\_overlap.pdf](https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/TUS-CPS_overlap.pdf) and
- <https://www2.census.gov/programs-surveys/cps/techdocs/cpsmay10-11.pdf>

**TUS-CPS data can also be linked to health outcomes data** with the **National Longitudinal Mortality Study (NLMS)**. Currently TUS-CPS data is linked to the March ASEC data which is the basis of the cohorts in the NLMS. Health outcomes data include primarily disease-specific cause mortality through its match to the National Death Index. Other existing or future opportunities will include linkages with NCI SEER Cancer Registry and Medicare claims data. See the following websites for more information:

- <https://census.gov/nlms> and [https://www.census.gov/topics/research/nlms.Reference\\_Manual.html](https://www.census.gov/topics/research/nlms.Reference_Manual.html)
- <https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/linkages.html>

## ATTACHMENT 4

### GLOSSARY

#### Current Population Survey

**Age**—Age classification is based on the age of the person at his/her last birthday. The adult universe (i.e., population of marriageable age) is comprised of persons 15 years and over for CPS labor force data.

**Allocation Flag**—Each edited item has a corresponding allocation flag indicating the nature of the edit. See the attachment on allocation flags for more information. The second character of the item name is always "X".

**Armed Forces**—Demographic information for Armed Forces members (enumerated in off-base housing or on-base with their families) is included on the CPS data files. No labor force information is collected of Armed Forces members in any month. In March, supplemental data on income are included for Armed Forces members. This is the only month that non-demographic information is included for Armed Forces members.

**Civilian Labor Force**—(See Labor Force.)

**Class of Worker**—This refers to the broad classification of the person's employer. These broad classifications for current jobs are:

- 1) Federal government
- 2) State government
- 3) Local government
- 4) Private industry (including self-employed, incorporated)
- 5) Self-employed (not incorporated)
- 6) Working without pay

**Domain**—The domain for an item is a list or range of its possible values. Note that all unedited items have possible values of -1 (blank), -2 (don't know), and -3 (refused). Since all items have these possible values, they are not shown as valid entries for each item.

**Duration of Unemployment**—Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed are continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of two weeks or more during which a person is employed or ceased looking for work is considered to break the continuity of the present period of seeking work.

**Earners, Number of**—The file includes all persons 15 years old and over in the household with \$1 or more in wages and salaries, or \$1 or more of a loss in net income from farm or nonfarm self-employment during the preceding year.

**Edited item**—An edited item is allocated or imputed by the processing system. In most cases this means allocating a value where the unedited item contains a value of blank, "don't know", or "refused". The second character of the item name is always "E".

An edited version of an item exists only if that item is processed through the edits. If the edits never deal with a particular item, then that item only has an unedited version.

Since the instrument enforces skip patterns and consistency between many items, the edits are left mainly with the job of allocating missing values. Also, since an interviewer is allowed to "back up" in the interview, there may be "off-path" items filled in the unedited data. The edits also blank these off-path items if an edited version of the items exists.

**Education**—(See Level of School Completed.)

**Employed**—(See Labor Force.)

**Family**—A family is a group of two persons or more (one of whom is the householder) residing together and related by birth, marriage, or adoption. All such persons (including related subfamily members) are considered as members of one family. Beginning with the 1980 CPS, unrelated subfamilies (referred to in the past as secondary families) are no longer included in the count of families, nor are the members of unrelated subfamilies included in the count of family members.

**Family Household**—A family household is a household maintained by a family (as defined above), and may include among the household members any unrelated persons (unrelated subfamily members and/or secondary individuals) who may be residing there. The number of family households is equal to the number of families. The count of family household members differs from the count of family members, however, in that the family household members include all persons living in the household, whereas family members include only the householder and his/her relatives. (See the definition of Family).

**Family Weight**—This weight is used only for tallying family characteristics. In March, the weight on the family record is the March supplement weight of the householder or reference person.

**Final Weight**—Used in tabulating labor force items in all months, including March. The final weight is controlled to independent estimates for:

- 1) States
- 2) Origin, Sex, and Age
- 3) Age, Race, and Sex

This weight should not be used when tabulating March supplement data.

**Full-Time Worker**—Persons on full-time schedules include persons working 35 hours or more, persons who worked 1-34 hours for noneconomic reasons (e.g., illness) and usually work full-time, and persons "with a job but not at work" who usually work full-time.

**Group Quarters**—Group quarters are noninstitutional living arrangements for groups not living in conventional housing units or groups living in housing units containing nine or more persons unrelated to the person in charge.

**Head Versus Householder**—Beginning with the March 1980 CPS, the Bureau of the Census discontinued the use of the terms "head of household" and "head of family." Instead, the terms "householder" and "family householder" are used.

**Highest Grade of School Attended**—(See Level of School Completed.)

**Hispanic/Non-Hispanic Origin**—A person's Hispanic/Non-Hispanic status in this file is determined on the basis of a question that simply asks "(Is/Are) (Name/you) Hispanic?"

**Hours of Work**—Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who is off on the Veterans Day holiday is reported as working 32 hours even though he is paid for the holiday.

For persons working in more than one job, the figures related to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

**Household**—A household consists of all the persons who occupy a house, an apartment, or other group of rooms, or a room, which constitutes a housing unit. A group of rooms or a single room is regarded as a housing unit when it is occupied as separate living quarters; that is, when the occupants do not live with any other person in the structure, and when there is direct access from the outside or through a common hall. The count of households excludes persons living in group quarters, such as military barracks and institutions. Inmates of institutions (mental hospitals, rest homes, correctional institutions, etc.) are not included in the survey.

**Household Weight**—The household weight is used for tallying household characteristics. In March, the household weight is the March Supplement weight of the householder.

**Householder**—The householder refers to the person (or one of the persons) in whose name the housing unit is owned or rented (maintained) or, if there is no such person, any adult member, excluding roomers, boarders, or paid employees. If the house is owned or rented jointly by a married couple, the householder may be either the husband or the wife. The person designated as the householder is the "reference person" to whom the relationship of all other household members, if any, is recorded.

**Householder With No Other Relatives in Household**—A householder who has no relatives living in the household. This is the entry for a person living alone. Another example is the designated householder of an apartment shared by two or more unrelated individuals.

**Householder With Other Relatives (Including Spouse) in Household**—The person designated as householder if he/she has one or more relatives (including spouse) living in the household.

**Industry, Occupation, and Class of Worker (I&O)—Current Job** (basic data)—For the employed, current job is the job held in the reference week (the week before the survey). Persons with two or more jobs are classified in the job at which they worked the most hours during the reference week. The unemployed are classified according to their latest full-time job lasting two or more weeks or by the job (either full-time or part-time). The I & O questions are also asked of persons not in the labor force who are in the fourth and eighth months in sample and who have worked in the last five years.

**Job Seekers**—All unemployed persons who made specific efforts to find a job sometime during the 4-week period preceding the survey week.

**Longitudinal Weight**—Used for gross flows analysis. Only found on adult records matched from month to month.

**PEMLR (Major Labor Force Recode)**—This classification is available for each civilian 15 years old and over according to his/her responses to the monthly (basic) labor force items.



**Labor Force**—Persons are classified as in the labor force if they are employed, unemployed, or in the Armed Forces during the survey week. The "civilian labor force" includes all civilians classified as employed or unemployed. The file includes labor force data for civilians age 15 and over. However, the official definition of the civilian labor force is age 16 and over.

*1. Employed*

Employed persons comprise (1) all civilians who, during the survey week, do any work at all as paid employees or in their own business or profession, or on their own farm, or who work 15 hours or more as unpaid workers on a farm in a business operated by a member of the family; and (2) all those who have jobs but who are not working because of illness, bad weather, vacation, or labor-management dispute, or because they are taking time off for personal reasons, whether or not they are seeking other jobs. These persons would have a Monthly Labor Force Recode (MLR) of 1 or 2 respectively in characters 180-181 of the person record which designates "at work" and "with a job, but not at work." Each employed person is counted only once. Those persons who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week. If they worked an equal number of hours at more than one job, they are counted at the job they held the longest.

*2. Unemployed*

Unemployed persons are those civilians who, during the survey week, have no employment but are available for work, and (1) have engaged in any specific job seeking activity within the past 4 weeks such as registering at a public or private employment office, meeting with prospective employers, checking with friends or relatives, placing or answering advertisements, writing letters of application, or being on a union or professional register; (2) are waiting to be called back to a job from which they had been laid off; or (3) are waiting to report to a new wage or salary job within 30 days. These persons would have an MLR code of 3 or 4 in characters 180-181 of the person record. The unemployed includes job leavers, job losers, new job entrants, and job reentrants.

*a. Job Leavers*

Persons who quit or otherwise terminate their employment voluntarily and immediately begin looking for work.

*b. Job Losers*

Persons whose employment ends involuntarily, who immediately begin looking for work, and those persons who are already on layoff.

*c. New Job Entrants*

Persons who never worked at a full-time job lasting two weeks or longer.

*d. Job Reentrants*

Persons who previously worked at a full-time job lasting two weeks or longer but are out of the labor force prior to beginning to look for work.

Finally, it should be noted that the unemployment rate represents the number of persons unemployed as a percent of the civilian labor force 16 years old and over. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, etc. The job loser, job leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force 16 years old and over; the sum of the rates for the four groups thus equals the total unemployment rate.

### 3. *Not in Labor Force*

All civilians 15 years old and over who are not classified as employed or unemployed. These persons are further classified by major activity: retired, unable to work because of long-term physical or mental illness, and other. The "other" group includes, for the most part, students and persons keeping house. Persons who report doing unpaid work in a family farm or business for less than 15 hours are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for three previous months and would not be in for the subsequent month.

Persons classified as NILF have an MLR code of 5-7 in characters 180-181 of the person record.

**Layoff**—A person who is unemployed but expects to be called back to a specific job. If he/she expects to be called back within 30 days, it is considered a temporary layoff; otherwise, it is an indefinite layoff.

**Level of School Completed/Degree Received**—These data changed beginning with the January 1992 file. A new question, "What is the highest level of school ... has completed or the highest degree ... has received?" replaced the old "Highest grade attended" and "Year completed" questions. The new question provides more accurate data on the degree status of college students. Educational attainment applies only to progress in "regular" school. Such schools include graded public, private, and parochial elementary and high schools (both junior and senior high), colleges, universities, and professional schools, whether day schools or night schools. Thus, regular schooling is that which may advance a person toward an elementary school certificate or high school diploma, or a college, university, or professional school degree. Schooling in other than regular schools is counted only if the credits obtained are regarded as transferable to a school in the regular school system.

**Looking for Work**—A person who is trying to get work or trying to establish a business or profession.

**Marital Status**—The marital status classification identifies four major categories: single (never married), married, widowed, and divorced. These terms refer to the marital status at the time of enumeration.

The category "married" is further divided into "married, civilian spouse present," "married, Armed Force spouse present," "married, spouse absent," "married, Armed Force spouse absent," and "separated." A person is classified as "married, spouse present" if the husband or wife is reported as a member of the household even though he or she may be temporarily absent on business or on vacation, visiting, in a hospital, etc., at the time of the enumeration. Persons reported as "separated" included those with legal separations, those living apart with intentions of obtaining a divorce, and other persons permanently or temporarily estranged from their spouses because of marital discord.

For the purpose of this file, the group "other marital status" includes "widowed and divorced," "separated," and "other married, spouse absent."

**Month-In-Sample**—The term is defined as the number of times a unit is interviewed. Each unit is interviewed eight times during the life of the sample.

**Never Worked**—A person who has never held a full-time civilian job lasting two consecutive weeks or more.

**Nonfamily Householder**—A nonfamily householder (formerly called a primary individual) is a person maintaining a household while living alone or with nonrelatives only.

**Nonworker**—A person who does not do any work in the calendar year preceding the survey.

**Nonrelative of Householder With No Own Relatives in Household**—A nonrelative of the householder who has no relative(s) of his own in the household. This category includes such nonrelatives as a foster child, a ward, a lodger, a servant, or a hired hand, who has no relatives of his own living with him in the household.

**Nonrelative of Householder With Own Relatives (Including Spouse) in Household**—Any household member who is not related to the householder but has relatives of his own in the household; for example, a lodger, his spouse, and their son.

**Other Relative of Householder**—Any relative of the householder other than his spouse or child; for example, father, mother, grandson, daughter-in-law, etc.

**Out Variable**—An instrument-created item that stores the results of another item.

**Own Child**—A child related by birth, marriage, or adoption to the family householder.

**Part-Time, Economic Reasons**—The item includes slack work, material shortages, repairs to plant or equipment, start or termination of job during the week, and inability to find full-time work. (See also Full-Time Worker.)

**Part-Time, Other Reasons**—The item includes labor dispute, bad weather, own illness, vacation, demands of home housework, school, no desire for full-time work, and full-time worker only during peak season.

**Part-Time Work**—Persons who work between 1 and 34 hours are designated as working "part-time" in the current job held during the reference week. For the March supplement, a person is classified as having worked part-time during the preceding calendar year if he worked less than 35 hours per week in a majority of the weeks in which he worked during the year. Conversely, he is classified as having worked full-time if he worked 35 hours or more per week during a majority of the weeks in which he worked.

**Part-Year Work**—Part-year work is classified as less than 50 weeks' work.

**Population Coverage**—Population coverage includes the civilian population of the United States plus approximately one million members of the Armed Forces in the United States living off post or with their families on post but excludes all other members of the Armed Forces. This file excludes inmates of institutions. The labor force and work experience data are not collected for Armed Forces members.

**Processing Recode**—An item calculated by the processing system from a combination of other items in the database. The second character of the item name is always "R".

**Race**—The population is divided into six groups on the basis of race: White, Black or African American, American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and Other races. The 2011 CPS uses the Census 2010 question on race that allows for more than one race reporting, but does not include the Census 2010 "Some Other Race" category.

**Reentrants**—Persons who previously worked at a full-time job lasting two weeks or longer, but who are out of the labor force prior to beginning to look for work.

**Related Children**—Related children in a family include own children and all other children in the household who are related to the householder by birth, marriage, or adoption. For each type of family unit identified in the CPS, the count of own children under 18 years old is limited to single (never married) children; however, "own children under 25" and "own children of any age," include all children regardless of marital status. The totals include never-married children living away from home in college dormitories.

**Related Subfamily**—A related subfamily is a married couple with or without children, or one parent with one or more own single (never married) children under 18 years old, living in a household and related to, but not including, the householder or spouse. The most common example of a related subfamily is a young married couple sharing the home of the husband's or wife's parents. The number of related subfamilies is not included in the number of families.

**School, Major Activity**—A person who spent most of his time during the survey week attending any kind of public or private school, including trade or vocational schools in which students receive no compensation in money or kind.

**Secondary Individual**—A secondary individual is a person in a household or group quarters such as a guest, roomer, boarder, or resident employee (excluding nonfamily households and inmates of institutions) who is not related to any other person in the household or group quarters.

**Self-Employed**—Self-employed persons are those who work for profit or fees in their own business, profession or trade, or operate a farm.

**Stretches of Unemployment**—A continuous stretch is one that is not interrupted by the person getting a job or leaving the labor market to go to school, to keep house, etc. A period of two weeks or more during which a person is employed or ceased looking for work is considered to break the continuity of the period of seeking work.

**Unable to Work**—A person is classified as unable to work because of long-term physical or mental illness, lasting six months or longer.

**Unedited item**—An item that is produced by the computer automated instrument, either collected during the interview or created by the instrument. The second character of the item name is always "U".

**Unemployed**—(See Labor Force.)

**Unpaid Family Workers**—Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by birth or marriage.

**Unrelated Individuals**—Unrelated individuals are persons of any age (other than inmates of institutions) who are not living with any relatives. An unrelated individual may be (1) a nonfamily householder living alone or with nonrelatives only, (2) a roomer, boarder, or resident employee with no relatives in the household, or (3) a group quarters member who has no relatives living with him/her. Thus, a widow who occupies her house alone or with one or more other persons not related to her, a roomer not related to anyone else in the housing unit, a maid living as a member of her employer's household but with no relatives in the household, and a resident staff member in a hospital living apart from any relatives are all examples of unrelated individuals.

**Unrelated Subfamily**—An unrelated subfamily is a family that does not include among its members the householder and relatives of the householder. Members of unrelated subfamilies may include persons such as guests, roomers, boarders, or resident employees and their relatives living in a household. The number of unrelated subfamily members is included in the number of household members but is not included in the count of family members.

Persons living with relatives in group quarters were formerly considered as members of families. However, the number of such unrelated subfamilies became so small (37,000 in 1967) that beginning with the data for 1968 (and beginning with the census data for 1960) the Bureau of the Census includes persons in these unrelated subfamilies in the count of secondary individuals.

**Veteran Status**—If a person served at any time during the four most recent wartime periods, the codes for all periods of service are entered. A person can report up to 4 periods of service. The following codes are used:

- 0 Children under 15
- 1 September 2001 or later
- 2 August 1990 to August 2001
- 3 May 1975 to July 1990
- 4 Vietnam era (Aug 1964 to Apr 1975)
- 5 February 1955 to July 1964
- 6 Korean War (July 1950 to January 1955)
- 7 January 1947 to June 1950
- 8 World War II (December 1941 to December 1946)
- 9 November 1941 or earlier

**Wage and Salary Workers**—Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Also included are persons who are self-employed in an incorporated business.

**Workers**—(See Labor Force--Employed.)

**Work Experience**—Includes those persons who during the preceding calendar year did any work for pay or profit or worked without pay on a family-operated farm or business at any time during the year, on a part-time or full-time basis.

**Year-Round Full-Time Worker**—A year-round full-time worker is one who usually worked 35 hours or more per week for 50 weeks or more during the preceding calendar year.

## ATTACHMENT 5

### HOW TO USE THE RECORD LAYOUT

Data users familiar with the CPS data files in prior years will see many similarities between the format of this file and those files released before January 1994. As in the past, there are numeric locations on the file which correspond to each variable. There is only one record layout which contains the variables for children, adults, and armed forces members. In prior years, each type of person had a separate record layout.

#### Item Naming Conventions

∠ The first character of each variable name is one of the following:

H - Household item

G - Geography item

\* P - Person item (includes adult items, child items, and armed forces items)

\* There is no need to distinguish adult, child, and armed forces items in the variable names in the new system. The recode **PRPERTYP** (located in positions 161-162) tells you what category the person is in.

∠ The second character of each variable name is one of the following:

E - Edited item

U - Unedited item

X - Allocation flag (see Attachment 15 for more information)

W - Weight

R - Recode

∠ The remaining characters describe the variable.

∠ For multiple entry items, the file contains a separate variable for each possible response. Each item has the same descriptive name but a number is added as the last digit. For example, Question 22A allows separate entries for up to 6 job search methods. The item names are **PELKM1** (this item is edited), **PULKM2**, (this item is unedited), **PULKM3**, etc. These items are located in positions 296-307 of the record layout.

## ATTACHMENT 6

### CPS RECORD LAYOUT FOR BASIC LABOR FORCE ITEMS

#### STANDARD PUBLIC USE FILES

#### A1. HOUSEHOLD INFORMATION

\*\*\*\*\*

\* STARTING JANUARY 2017 \*

\*\*\*\*\*

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
| HRHHID   | 15   | HOUSEHOLD IDENTIFIER (Part 1)  | 1- 15    |
|          |      | EDITED UNIVERSE: ALL HHLD's IN SAMPLE                                |          |
|          |      | Part 1. See Characters 71-75 for Part 2 of the Household Identifier. |          |
| HRMONTH  | 2    | MONTH OF INTERVIEW   | 16-17    |
|          |      | EDITED UNIVERSE: ALL HHLDs IN SAMPLE                                 |          |
|          |      | <u>VALID ENTRIES</u>   |          |
|          |      | 01 MIN VALUE   |          |
|          |      | 12 MAX VALUE   |          |
| HRYEAR4  | 4    | YEAR OF INTERVIEW  | 18-21    |
|          |      | EDITED UNIVERSE: ALL HHLDs IN SAMPLE                                 |          |
|          |      | <u>VALID ENTRIES</u>   |          |
|          |      | 1998 MIN VALUE   |          |
|          |      | 2999 MAX VALUE   |          |
| HURESPLI | 2    | LINE NUMBER OF THE CURRENT RESPONDENT                                | 22 - 23  |
|          |      | <u>VALID ENTRIES</u>   |          |
|          |      | 0 MIN VALUE  |          |
|          |      | 99 MAX VALUE   |          |

| NAME    | SIZE | DESCRIPTION        | LOCATION |
|---------|------|--------------------|----------|
| HUFINAL | 3    | FINAL OUTCOME CODE | 24 - 26  |

OUTCOME CODES BETWEEN 001 AND 020 ARE FOR CATI.  
ALL OTHER OUTCOME CODES ARE FOR CAPI.

VALID ENTRIES

001 FULLY COMPLETE CATI INTERVIEW  
002 PARTIALLY COMPLETED CATI INTERVIEW  
003 COMPLETE BUT PERSONAL VISIT REQUESTED NEXT MONTH  
004 PARTIAL, NOT COMPLETE AT CLOSEOUT  
005 LABOR FORCE COMPLETE, SUPPLEMENT INCOMPLETE - CATI  
006 LF COMPLETE, SUPPLEMENT DK ITEMS INCOMPLETE AT  
CLOSEOUT-ASEC ONLY  
020 HH OCCUPIED ENTIRELY BY ARMED FORCES MEMBERS  
OR ALL UNDER 15 YEARS OF AGE  
201 CAPI COMPLETE  
202 CALLBACK NEEDED  
203 SUFFICIENT PARTIAL - PRECLOSEOUT  
204 SUFFICIENT PARTIAL - AT CLOSEOUT  
205 LABOR FORCE COMPLETE, - SUPPL. INCOMPLETE - CAPI  
213 LANGUAGE BARRIER  
214 UNABLE TO LOCATE  
216 NO ONE HOME  
217 TEMPORARILY ABSENT  
218 REFUSED  
219 OTHER OCCUPIED - SPECIFY  
223 ENTIRE HOUSEHOLD ARMED FORCES  
224 ENTIRE HOUSEHOLD UNDER 15  
225 TEMP. OCCUPIED W/PERSONS WITH URE  
226 VACANT REGULAR  
227 VACANT - STORAGE OF HHLD FURNITURE  
228 UNFIT, TO BE DEMOLISHED  
229 UNDER CONSTRUCTION, NOT READY  
230 CONVERTED TO TEMP BUSINESS OR STORAGE  
231 UNOCCUPIED TENT OR TRAILER SITE  
232 PERMIT GRANTED - CONSTRUCTION NOT STARTED  
233 OTHER - SPECIFY  
240 DEMOLISHED  
241 HOUSE OR TRAILER MOVED  
242 OUTSIDE SEGMENT  
243 CONVERTED TO PERM. BUSINESS OR STORAGE  
244 MERGED  
245 CONDEMNED  
247 UNUSED SERIAL NUMBER OR LISTING SHEET  
248 OTHER - SPECIFY  
258 UNLOCATABLE SAMPLE ADDRESS



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

259 UNIT DOES NOT EXIST/OUT OF SCOPE  
 256 REMOVED DURING SUB-SAMPLING  
 257 UNIT ALREADY HAD A CHANCE OF SELECTION

|        |   |  |         |
|--------|---|--|---------|
| FILLER | 2 |  | 27 - 28 |
|--------|---|--|---------|

|          |   |   |         |
|----------|---|---|---------|
| HETENURE | 2 | ARE YOUR LIVING QUARTERS...<br>(READ ANSWER CATEGORIES) | 29 - 30 |
|----------|---|---|---------|

EDITED UNIVERSE: HRINTSTA = 1 OR HUTYPB = 1-3

VALID ENTRIES

- 1 OWNED OR BEING BOUGHT BY A HH MEMBER
- 2 RENTED FOR CASH
- 3 OCCUPIED WITHOUT PAYMENT OF CASH RENT

NOTE: May be missing on the Basic CPS microdata files.  
 This will be updated on later releases of the same month's data.

|          |   |                      |         |
|----------|---|----------------------|---------|
| HEHOUSUT | 2 | TYPE OF HOUSING UNIT | 31 - 32 |
|----------|---|----------------------|---------|

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

- 0 OTHER UNIT
- 1 HOUSE, APARTMENT, FLAT
- 2 HU IN NONTRANSIENT HOTEL, MOTEL, ETC.
- 3 HU PERMANENT IN TRANSIENT HOTEL, MOTEL
- 4 HU IN ROOMING HOUSE
- 5 MOBILE HOME OR TRAILER W/NO PERM. ROOM ADDED
- 6 MOBILE HOME OR TRAILER W/1 OR MORE PERM. ROOMS ADDED
- 7 HU NOT SPECIFIED ABOVE
- 8 QUARTERS NOT HU IN ROOMING OR BRDING HS
- 9 UNIT NOT PERM. IN TRANSIENT HOTL, MOTL
- 10 UNOCCUPIED TENT SITE OR TRLR SITE
- 11 STUDENT QUARTERS IN COLLEGE DORM
- 12 OTHER UNIT NOT SPECIFIED ABOVE

|          |   |  |         |
|----------|---|--|---------|
| HETELHHD | 2 | IS THERE A TELEPHONE IN THIS<br>HOUSE/APARTMENT? | 33 - 34 |
|----------|---|--|---------|

EDITED UNIVERSE: HRINTSTA = 1

VALID ENTRIES

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

- 1 YES
- 2 NO

|          |   |  |         |
|----------|---|--|---------|
| HETELAVL | 2 | IS THERE A TELEPHONE ELSEWHERE ON WHICH PEOPLE IN THIS HOUSEHOLD CAN BE CONTACTED? | 35 - 36 |
|----------|---|--|---------|

EDITED UNIVERSE: HETELHHD = 2

VALID ENTRIES

- 1 YES
- 2 NO

|          |   |                                      |         |
|----------|---|--------------------------------------|---------|
| HEPHONEO | 2 | IS A TELEPHONE INTERVIEW ACCEPTABLE? | 37 - 38 |
|----------|---|--------------------------------------|---------|

EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1

VALID ENTRIES

- 0 NO
- 1 YES

|          |   |   |         |
|----------|---|---|---------|
| HEFAMINC | 2 | FAMILY INCOME<br>(COMBINED INCOME OF ALL FAMILY MEMBERS DURING THE LAST 12 MONTHS. INCLUDES MONEY FROM JOBS, NET INCOME FROM BUSINESS, FARM OR RENT, PENSIONS, DIVIDENDS, INTEREST, SOCIAL SECURITY PAYMENTS AND ANY OTHER MONEY INCOME RECEIVED BY FAMILY MEMBERS WHO ARE 15 YEARS OF AGE OR OLDER.) | 39 - 40 |
|----------|---|---|---------|

Edited beginning January 2010

**Note: Caution should be used when using this variable since it has an allocation rate of approximately 20 percent.**

VALID ENTRIES

- 1 LESS THAN \$5,000
- 2 5,000 TO 7,499
- 3 7,500 TO 9,999
- 4 10,000 TO 12,499
- 5 12,500 TO 14,999
- 6 15,000 TO 19,999
- 7 20,000 TO 24,999

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

- |    |                    |
|----|--------------------|
| 8  | 25,000 TO 29,999   |
| 9  | 30,000 TO 34,999   |
| 10 | 35,000 TO 39,999   |
| 11 | 40,000 TO 49,999   |
| 12 | 50,000 TO 59,999   |
| 13 | 60,000 TO 74,999   |
| 14 | 75,000 TO 99,999   |
| 15 | 100,000 TO 149,999 |
| 16 | 150,000 OR MORE    |

|         |   |                            |         |
|---------|---|----------------------------|---------|
| HUTYPEA | 2 | TYPE A NONINTERVIEW REASON | 41 - 42 |
|---------|---|----------------------------|---------|

VALID ENTRIES

- |   |                          |
|---|--------------------------|
| 1 | NO ONE HOME (NOH)        |
| 2 | TEMPORARILY ABSENT (TA)  |
| 3 | REFUSED (REF)            |
| 4 | LANGUAGE BARRIER         |
| 5 | UNABLE TO LOCATE         |
| 6 | OTHER OCCUPIED - SPECIFY |

|        |   |                             |         |
|--------|---|-----------------------------|---------|
| HUTYPB | 2 | TYPE B NON-INTERVIEW REASON | 43 - 44 |
|--------|---|-----------------------------|---------|

VALID ENTRIES

- |   |   |
|---|---|
| 1 | VACANT REGULAR                          |
| 2 | TEMPORARILY OCCUPIED BY PERSONS W/ URE  |
| 3 | VACANT-STORAGE OF HHLD FURNITURE        |
| 4 | UNFIT OR TO BE DEMOLISHED               |
| 5 | UNDER CONSTRUCTION, NOT READY           |
| 6 | CONVERTED TO TEMP BUSINESS OR STORAGE   |
| 7 | UNOCCUPIED TENT SITE OR TRAILER SITE    |
| 8 | PERMIT GRANTED CONSTRUCTION NOT STARTED |
| 9 | OTHER TYPE B - SPECIFY                  |

|         |   |                             |         |
|---------|---|-----------------------------|---------|
| HUTYPEC | 2 | TYPE C NON-INTERVIEW REASON | 45 - 46 |
|---------|---|-----------------------------|---------|

VALID ENTRIES

- |   |  |
|---|--|
| 1 | DEMOLISHED                             |
| 2 | HOUSE OR TRAILER MOVED                 |
| 3 | OUTSIDE SEGMENT                        |
| 4 | CONVERTED TO PERM. BUSINESS OR STORAGE |
| 5 | MERGED                                 |
| 6 | CONDEMNED                              |
| 7 | UNUSED LINE OF LISTING SHEET           |
| 8 | UNLOCATABLE SAMPLE ADDRESS             |

| NAME     | SIZE | DESCRIPTION   | LOCATION |
|----------|------|---|----------|
|          |      | 9 UNIT DOES NOT EXIST/OUT OF SCOPE<br>10 OTHER - SPECIFY  |          |
| HWHHWGT  | 10   | HOUSEHOLD WEIGHT<br>(4 IMPLIED DECIMAL PLACES)<br>USED FOR TALLYING HOUSEHOLD CHARACTERISTICS<br><br>EDITED UNIVERSE: HRINTSTA = 1  | 47 - 56  |
| HRINTSTA | 2    | INTERVIEW STATUS<br><br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>1 INTERVIEW<br>2 TYPE A NON-INTERVIEW<br>3 TYPE B NON-INTERVIEW<br>4 TYPE C NON-INTERVIEW   | 57 - 58  |
| HRNUMHOU | 2    | TOTAL NUMBER OF PERSONS LIVING<br>IN THE HOUSEHOLD (HOUSEHOLD MEMBERS).<br><br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>16 MAX VALUE  | 59 - 60  |
| HRHTYPE  | 2    | HOUSEHOLD TYPE<br><br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>0 NON-INTERVIEW HOUSEHOLD<br>1 HUSBAND/WIFE PRIMARY FAMILY (NEITHER AF)<br>2 HUSB/WIFE PRIM. FAMILY (EITHER/BOTH AF)<br>3 UNMARRIED CIVILIAN MALE-PRIM. FAM HHLDER<br>4 UNMARRIED CIV. FEMALE-PRIM FAM HHLDER<br>5 PRIMARY FAMILY HHLDER-RP IN AF, UNMAR.<br>6 CIVILIAN MALE PRIMARY INDIVIDUAL<br>7 CIVILIAN FEMALE PRIMARY INDIVIDUAL<br>8 PRIMARY INDIVIDUAL HHLD-RP IN AF<br>9 GROUP QUARTERS WITH FAMILY<br>10 GROUP QUARTERS WITHOUT FAMILY | 61 - 62  |

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
| HRMIS    | 2    | MONTH-IN-SAMPLE<br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>1 MIN VALUE<br>8 MAX VALUE  | 63 - 64  |
| HUINTTYP | 2    | TYPE OF INTERVIEW<br><br><u>VALID ENTRIES</u><br><br>0 NONINTERVIEW/INDETERMINATE<br>1 PERSONAL<br>2 TELEPHONE   | 65 - 66  |
| HUPRSCNT | 2    | NUMBER OF ACTUAL AND<br>ATTEMPTED PERSONAL CONTACTS<br><br><u>VALID ENTRIES</u><br><br>1 MIN VALUE<br>9 MAX VALUE  | 67 - 68  |
| HRLONGLK | 2    | LONGITUDINAL LINK INDICATOR<br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>0 MIS 1 OR REPLACEMENT HH (NO LINK)<br>2 MIS 2-4 OR MIS 6-8<br>3 MIS 5  | 69 - 70  |
| HRHHID2  | 5    | HOUSEHOLD IDENTIFIER (part 2)<br><br>EDITED UNIVERSE: ALL HHLD's IN SAMPLE<br><br>Part 1 of this number is found in columns 1-15 of the record.<br>Concatenate this item with Part 1 for matching.<br><br>The component parts of this number are as follows:<br>71-72 Numeric component of the sample number (HRSAMPLE)<br>73-74 Serial suffix-converted to numerics (HRSERSUF)<br>75 Household Number (HUHHNUM) | 71 - 75  |
| HWHHWTLN | 2    | Line Number (PULINENO) of the person whose PWSSWGT<br>was donated as HWHHWGT for the household   | 76-77    |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

EDITED UNIVERSE: HPRINTSTA = 1

VALID ENTRIES

0 MIN VALUE  
16 MAX VALUE

|        |   |  |         |
|--------|---|--|---------|
| FILLER | 1 |  | 78 - 78 |
|--------|---|--|---------|

|       |   |   |         |
|-------|---|---|---------|
| HUBUS | 2 | DOES ANYONE IN THIS HOUSEHOLD<br>HAVE A BUSINESS OR A FARM? | 79 - 80 |
|-------|---|---|---------|

VALID ENTRIES

1 YES  
2 NO

|         |   |                                    |         |
|---------|---|------------------------------------|---------|
| HUBUSL1 | 2 | ENTER LINE NUMBER<br>FOR HUBUS = 1 | 81 - 82 |
|---------|---|------------------------------------|---------|

VALID ENTRIES

01 MIN VALUE  
99 MAX VALUE

|         |   |           |         |
|---------|---|-----------|---------|
| HUBUSL2 | 2 | See BUSL1 | 83 - 84 |
|---------|---|-----------|---------|

VALID ENTRIES

1 MIN VALUE  
99 MAX VALUE

|         |   |           |         |
|---------|---|-----------|---------|
| HUBUSL3 | 2 | See BUSL1 | 85 - 86 |
|---------|---|-----------|---------|

VALID ENTRIES

1 MIN VALUE  
99 MAX VALUE

|         |   |           |         |
|---------|---|-----------|---------|
| HUBUSL4 | 2 | See BUSL1 | 87 - 88 |
|---------|---|-----------|---------|

VALID ENTRIES

1 MIN VALUE  
99 MAX VALUE

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

**A2. GEOGRAPHIC INFORMATION**

|       |   |        |         |
|-------|---|--------|---------|
| GEREG | 2 | REGION | 89 - 90 |
|-------|---|--------|---------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

- 1 NORTHEAST
- 2 MIDWEST (FORMERLY NORTH CENTRAL)
- 3 SOUTH
- 4 WEST

|       |   |          |         |
|-------|---|----------|---------|
| GEDIV | 1 | DIVISION | 91 - 91 |
|-------|---|----------|---------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

- 1 NEW ENGLAND
- 2 MIDDLE ATLANTIC
- 3 EAST NORTH CENTRAL
- 4 WEST NORTH CENTRAL
- 5 SOUTH ATLANTIC
- 6 EAST SOUTH CENTRAL
- 7 WEST SOUTH CENTRAL
- 8 MOUNTAIN
- 9 PACIFIC

|        |   |  |         |
|--------|---|--|---------|
| FILLER | 1 |  | 92 - 92 |
|--------|---|--|---------|

|          |   |  |         |
|----------|---|--|---------|
| GESTFIPS | 2 | FEDERAL INFORMATION<br>PROCESSING STANDARDS<br>(FIPS) STATE CODE | 93 - 94 |
|----------|---|--|---------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

- |    |    |    |    |
|----|----|----|----|
| 01 | AL | 30 | MT |
| 02 | AK | 31 | NE |
| 04 | AZ | 32 | NV |
| 05 | AR | 33 | NH |
| 06 | CA | 34 | NJ |
| 08 | CO | 35 | NM |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

|    |    |    |    |
|----|----|----|----|
| 09 | CT | 36 | NY |
| 10 | DE | 37 | NC |
| 11 | DC | 38 | ND |
| 12 | FL | 39 | OH |
| 13 | GA | 40 | OK |
| 15 | HI | 41 | OR |
| 16 | ID | 42 | PA |
| 17 | IL | 44 | RI |
| 18 | IN | 45 | SC |
| 19 | IA | 46 | SD |
| 20 | KS | 47 | TN |
| 21 | KY | 48 | TX |
| 22 | LA | 49 | UT |
| 23 | ME | 50 | VT |
| 24 | MD | 51 | VA |
| 25 | MA | 53 | WA |
| 26 | MI | 54 | WV |
| 27 | MN | 55 | WI |
| 28 | MS | 56 | WY |
| 29 | MO |    |    |

|        |   |  |         |
|--------|---|--|---------|
| FILLER | 1 |  | 95 - 95 |
|--------|---|--|---------|

|        |   |  |          |
|--------|---|--|----------|
| GTCBSA | 5 | SPECIFIC METROPOLITAN CBSA CODE<br>(SEE GEOGRAPHIC ATTACHMENT) | 96 - 100 |
|--------|---|--|----------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

|       |                                   |
|-------|-----------------------------------|
| 00000 | NOT IDENTIFIED OR NONMETROPOLITAN |
| 10180 | MIN VALUE                         |
| 49740 | MAX VALUE                         |

|      |   |                  |           |
|------|---|------------------|-----------|
| GTCO | 3 | FIPS COUNTY CODE | 101 - 103 |
|------|---|------------------|-----------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

|   |   |
|---|---|
| 000   | NOT IDENTIFIED                                      |
| 001-810   | SPECIFIC COUNTY CODE<br>(SEE GEOGRAPHIC ATTACHMENT) |
| NOTE: THIS CODE MUST BE USED IN COMBINATION<br>WITH A STATE CODE (GESTFIPS or GESTCEN) IN<br>ORDER TO UNIQUELY IDENTIFY A COUNTY. |   |



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

**ALSO, MOST COUNTIES ARE NOT IDENTIFIED.**

|          |   |                               |           |
|----------|---|-------------------------------|-----------|
| GTCBSAST | 1 | PRINCIPAL CITY/BALANCE STATUS | 104 - 104 |
|----------|---|-------------------------------|-----------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

- 1 PRINCIPAL CITY
- 2 BALANCE
- 3 NONMETROPOLITAN
- 4 NOT IDENTIFIED

|          |   |                     |           |
|----------|---|---------------------|-----------|
| GTMETSTA | 1 | METROPOLITAN STATUS | 105 - 105 |
|----------|---|---------------------|-----------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

- 1 METROPOLITAN
- 2 NONMETROPOLITAN
- 3 NOT IDENTIFIED

|          |   |                           |           |
|----------|---|---------------------------|-----------|
| GTINDVPC | 1 | INDIVIDUAL PRINCIPAL CITY | 106 - 106 |
|----------|---|---------------------------|-----------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

- 0 NOT IDENTIFIED, NONMETROPOLITAN,  
or NOT A CENTRAL CITY
- 1-7 SPECIFIC PRINCIPAL CITY CODE  
(SEE GEOGRAPHIC ATTACHMENT )  
NOTE: WHENEVER POSSIBLE THIS CODE  
IDENTIFIES SPECIFIC PRINCIPAL CITIES IN  
A METROPOLITAN AREA THAT HAS MULTIPLE  
PRINCIPAL CITIES. THIS CODE MUST BE  
USED IN COMBINATION WITH THE CBSA  
FIPS CODE (GTCBSA) IN ORDER TO  
UNIQUELY IDENTIFY A SPECIFIC CITY.

|          |   |                               |           |
|----------|---|-------------------------------|-----------|
| GTCBSASZ | 1 | Metropolitan Area (CBSA) SIZE | 107 - 107 |
|----------|---|-------------------------------|-----------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

|   |                                   |
|---|-----------------------------------|
| 0 | NOT IDENTIFIED OR NONMETROPOLITAN |
| 2 | 100,000 - 249,999                 |
| 3 | 250,000 - 499,999                 |
| 4 | 500,000 - 999,999                 |
| 5 | 1,000,000 - 2,499,999             |
| 6 | 2,500,000 - 4,999,999             |
| 7 | 5,000,000+                        |

|       |   |  |         |
|-------|---|--|---------|
| GTCSA | 3 | Consolidated Statistical Area (CSA) FIPS CODE<br>(SEE GEOGRAPHIC ATTACHMENT) | 108-110 |
|-------|---|--|---------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

|     |                                   |
|-----|-----------------------------------|
| 000 | NOT IDENTIFIED OR NONMETROPOLITAN |
| 104 | MIN VALUE                         |
| 548 | MAX VALUE                         |

|        |   |  |           |
|--------|---|--|-----------|
| FILLER | 3 |  | 111 - 113 |
|--------|---|--|-----------|

**A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS**

|        |   |                       |           |
|--------|---|-----------------------|-----------|
| FILLER | 2 | Starting January 2014 | 114 - 117 |
|--------|---|-----------------------|-----------|

|       |   |                                     |           |
|-------|---|-------------------------------------|-----------|
| PERRP | 2 | RELATIONSHIP TO REFERENCE<br>PERSON | 118 - 119 |
|-------|---|-------------------------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

EXPANDED RELATIONSHIP CATEGORIES

|    |                            |
|----|----------------------------|
| 01 | REFERENCE PERSON W/RELS.   |
| 02 | REFERENCE PERSON W/O RELS. |
| 03 | SPOUSE                     |
| 04 | CHILD                      |
| 05 | GRANDCHILD                 |
| 06 | PARENT                     |
| 07 | BROTHER/SISTER             |
| 08 | OTHER REL. OR REF. PERSON  |
| 09 | FOSTER CHILD               |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

|    |                                  |
|----|----------------------------------|
| 10 | NONREL. OF REF. PERSON W/RELS.   |
| 11 | NOT USED                         |
| 12 | NONREL. OF REF. PERSON W/O RELS. |
| 13 | UNMARRIED PARTNER W/RELS.        |
| 14 | UNMARRIED PARTNER W/OUT RELS.    |
| 15 | HOUSEMATE/ROOMMATE W/RELS.       |
| 16 | HOUSEMATE/ROOMMATE W/OUT RELS.   |
| 17 | ROOMER/BOARDER W/RELS.           |
| 18 | ROOMER/BOARDER W/OUT RELS.       |

SEE LOCATION 114 - 115 FOR THE  
COLLAPSED VERSION

|          |   |                       |           |
|----------|---|-----------------------|-----------|
| PEPARENT | 2 | LINE NUMBER OF PARENT | 120 - 121 |
|----------|---|-----------------------|-----------|

EDITED UNIVERSE: EVERY PERSON

VALID ENTRIES

|    |           |
|----|-----------|
| -1 | NO PARENT |
| 01 | MIN VALUE |
| 99 | MAX VALUE |

|        |   |             |           |
|--------|---|-------------|-----------|
| PRTAGE | 2 | PERSONS AGE | 122 - 123 |
|--------|---|-------------|-----------|

Note: This variable was labeled as PEAGE in prior versions of this documentation even though it contained the public use version of age that was topcoded and underwent further masking steps to protect the confidentiality of individuals in sample.

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

|       |                 |
|-------|-----------------|
| 00-79 | Age in Years    |
| 80    | 80-84 Years Old |
| 85    | 85+ Years Old   |

|         |   |                       |           |
|---------|---|-----------------------|-----------|
| PRTFAGE | 1 | TOP CODE FLAG FOR AGE | 124 - 124 |
|---------|---|-----------------------|-----------|

VALID ENTRIES

|   |                         |
|---|-------------------------|
| 0 | NO TOP CODE             |
| 1 | TOP CODED VALUE FOR AGE |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEMARITL | 2    | MARITAL STATUS   | 125 - 126 |
|          |      | EDITED UNIVERSE: PRTAGE >= 15                                  |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 MARRIED - SPOUSE PRESENT                                     |           |
|          |      | 2 MARRIED - SPOUSE ABSENT                                      |           |
|          |      | 3 WIDOWED  |           |
|          |      | 4 DIVORCED   |           |
|          |      | 5 SEPARATED  |           |
|          |      | 6 NEVER MARRIED  |           |
| PESPOUSE | 2    | LINE NUMBER OF SPOUSE  | 127 - 128 |
|          |      | EDITED UNIVERSE: PEMARITL = 1                                  |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | -1 NO SPOUSE   |           |
|          |      | 01 MIN VALUE   |           |
|          |      | 99 MAX VALUE   |           |
| PESEX    | 2    | SEX  | 129 - 130 |
|          |      | EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3                         |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 MALE   |           |
|          |      | 2 FEMALE   |           |
| PEAFEVER | 2    | DID YOU EVER SERVE ON ACTIVE<br>DUTY IN THE U.S. ARMED FORCES? | 131 - 132 |
|          |      | <u>EDITED UNIVERSE:</u> PRTAGE >=17                            |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| FILLER   | 2    | Starting August 2005   | 133 - 134 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEAFNOW  | 2    | ARE YOU NOW IN THE ARMED FORCES<br><br>EDITED UNIVERSE:    PRPERTYP = 2 or 3<br><br><u>VALID ENTRIES</u><br><br>1    YES<br>2    NO  | 135 - 136 |
| PEEDUCA  | 2    | HIGHEST LEVEL OF SCHOOL<br>COMPLETED OR DEGREE RECEIVED<br><br>EDITED UNIVERSE:    PRPERTYP = 2 OR 3<br><br><u>VALID ENTRIES</u><br><br>31   LESS THAN 1ST GRADE<br>32   1ST, 2ND, 3RD OR 4TH GRADE<br>33   5TH OR 6TH GRADE<br>34   7TH OR 8TH GRADE<br>35   9TH GRADE<br>36   10TH GRADE<br>37   11TH GRADE<br>38   12TH GRADE NO DIPLOMA<br>39   HIGH SCHOOL GRAD-DIPLOMA OR EQUIV (GED)<br>40   SOME COLLEGE BUT NO DEGREE<br>41   ASSOCIATE DEGREE-OCCUPATIONAL/VOCATIONAL<br>42   ASSOCIATE DEGREE-ACADEMIC PROGRAM<br>43   BACHELOR'S DEGREE (EX: BA, AB, BS)<br>44   MASTER'S DEGREE (EX: MA, MS, MEng, MEd, MSW)<br>45   PROFESSIONAL SCHOOL DEG (EX: MD, DDS, DVM)<br>46   DOCTORATE DEGREE (EX: PhD, EdD) | 137 - 138 |
| PTDTRACE | 2    | RACE<br><br>EDITED UNIVERSE:    PRPERTYP = 1, 2, OR 3<br><br><u>VALID ENTRIES</u><br><br>01   White Only<br>02   Black Only<br>03   American Indian, Alaskan Native Only<br>04   Asian Only<br>05   Hawaiian/Pacific Islander Only   | 139 – 140 |

| NAME    | SIZE | DESCRIPTION                        | LOCATION  |
|---------|------|------------------------------------|-----------|
|         |      | 06 White-Black                     |           |
|         |      | 07 White-AI                        |           |
|         |      | 08 White-Asian                     |           |
|         |      | 09 White-HP                        |           |
|         |      | 10 Black-AI                        |           |
|         |      | 11 Black-Asian                     |           |
|         |      | 12 Black-HP                        |           |
|         |      | 13 AI-Asian                        |           |
|         |      | 14 AI-HP                           |           |
|         |      | 15 Asian-HP                        |           |
|         |      | 16 W-B-AI                          |           |
|         |      | 17 W-B-A                           |           |
|         |      | 18 W-B-HP                          |           |
|         |      | 19 W-AI-A                          |           |
|         |      | 20 W-AI-HP                         |           |
|         |      | 21 W-A-HP                          |           |
|         |      | 22 B-AI-A                          |           |
|         |      | 23 W-B-AI-A                        |           |
|         |      | 24 W-AI-A-HP                       |           |
|         |      | 25 Other 3 Race Combinations       |           |
|         |      | 26 Other 4 and 5 Race Combinations |           |
| PRDTHSP | 2    | DETAILED HISPANIC ORIGIN GROUP     | 141 - 142 |

**Revised January 2014**

EDITED UNIVERSE: PEHSPNON = 1

**VALID ENTRIES**

1. Mexican
2. Puerto Rican
3. Cuban
4. Dominican
5. Salvadoran
6. Central American, excluding Salvadoran
7. South American
8. Other Spanish

| NAME     | SIZE | DESCRIPTION                     | LOCATION  |
|----------|------|---------------------------------|-----------|
| PUCHINHH | 2    | CHANGE IN HOUSEHOLD COMPOSITION | 143 – 144 |

VALID ENTRIES

- 1 PERSON ADDED
- 2 PERSON ADDED - URE
- 3 PERSON UNDELETED
- 4 PERSON DIED
- 5 DELETED FOR REASON OTHER THAN DEATH
- 6 PERSON JOINED ARMED FORCES
- 7 PERSON NO LONGER IN AF
- 9 CHANGE IN DEMOGRAPHIC INFORMATION

|        |   |  |           |
|--------|---|--|-----------|
| FILLER | 2 |  | 145 - 146 |
|--------|---|--|-----------|

|          |   |                      |           |
|----------|---|----------------------|-----------|
| PULINENO | 2 | PERSON'S LINE NUMBER | 147 – 148 |
|----------|---|----------------------|-----------|

VALID ENTRIES

- 01 MIN VALUE
- 99 MAX VALUE

|        |   |  |           |
|--------|---|--|-----------|
| FILLER | 2 |  | 149 - 150 |
|--------|---|--|-----------|

|          |   |                      |           |
|----------|---|----------------------|-----------|
| PRFAMNUM | 2 | FAMILY NUMBER RECODE | 151 - 152 |
|----------|---|----------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

- 00 NOT A FAMILY MEMBER
- 01 PRIMARY FAMILY MEMBER ONLY
- 02 SUBFAMILY NO. 2 MEMBER
- 03 SUBFAMILY NO. 3 MEMBER
- 04 SUBFAMILY NO. 4 MEMBER
- 05 SUBFAMILY NO. 5 MEMBER
- 06 SUBFAMILY NO. 6 MEMBER
- 07 SUBFAMILY NO. 7 MEMBER
- 08 SUBFAMILY NO. 8 MEMBER
- 09 SUBFAMILY NO. 9 MEMBER
- 10 SUBFAMILY NO. 10 MEMBER
- 11 SUBFAMILY NO. 11 MEMBER
- 12 SUBFAMILY NO. 12 MEMBER
- 13 SUBFAMILY NO. 13 MEMBER
- 14 SUBFAMILY NO. 14 MEMBER
- 15 SUBFAMILY NO. 15 MEMBER

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | 16 SUBFAMILY NO. 16 MEMBER<br>17 SUBFAMILY NO. 17 MEMBER<br>18 SUBFAMILY NO. 18 MEMBER<br>19 SUBFAMILY NO. 19 MEMBER  |           |
| PRFAMREL | 2    | FAMILY RELATIONSHIP RECODE<br><br>EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3<br><br><u>VALID ENTRIES</u><br><br>0 NOT A FAMILY MEMBER<br>1 REFERENCE PERSON<br>2 SPOUSE<br>3 CHILD<br>4 OTHER RELATIVE (PRIMARY FAMILY & UNREL) | 153 - 154 |
| PRFAMTYP | 2    | FAMILY TYPE RECODE<br><br>EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3<br><br><u>VALID ENTRIES</u><br><br>1 PRIMARY FAMILY<br>2 PRIMARY INDIVIDUAL<br>3 RELATED SUBFAMILY<br>4 UNRELATED SUBFAMILY<br>5 SECONDARY INDIVIDUAL      | 155 - 156 |
| PEHSPNON | 2    | HISPANIC OR NON-HISPANIC<br><br>EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3<br><br><u>VALID ENTRIES</u><br><br>1 HISPANIC<br>2 NON-HISPANIC  | 157 - 158 |
| PRMARSTA | 2    | MARITAL STATUS BASED ON<br>ARMED FORCES PARTICIPATION<br><br>EDITED UNIVERSE: PRPERTYP = 2 OR 3   | 159 - 160 |



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 MARRIED, CIVILIAN SPOUSE PRESENT
- 2 MARRIED, ARMED FORCES SPOUSE PRESENT
- 3 MARRIED, SPOUSE ABSENT (EXC. SEPARATED)
- 4 WIDOWED
- 5 DIVORCED
- 6 SEPARATED
- 7 NEVER MARRIED

|          |   |                              |           |
|----------|---|------------------------------|-----------|
| PRPERTYP | 2 | TYPE OF PERSON RECORD RECODE | 161 - 162 |
|----------|---|------------------------------|-----------|

EDITED UNIVERSE: ALL HOUSEHOLD MEMBERS

VALID ENTRIES

- 1 CHILD HOUSEHOLD MEMBER
- 2 ADULT CIVILIAN HOUSEHOLD MEMBER
- 3 ADULT ARMED FORCES HOUSEHOLD MEMBER

|          |   |                  |           |
|----------|---|------------------|-----------|
| PENATVTY | 3 | COUNTRY OF BIRTH | 163 - 165 |
|----------|---|------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

- 057 UNITED STATES
- 060 AM SAMOA
- 066 GUAM
- 073 PUERTO RICO
- 078 U. S. VIRGIN ISLANDS
- 096 OTHER U. S. ISLAND AREA
- 100-554 FOREIGN COUNTRY (SEE APPENDIX)
- 555 ELSEWHERE

|          |   |                           |           |
|----------|---|---------------------------|-----------|
| PEMNTVTY | 3 | MOTHER'S COUNTRY OF BIRTH | 166 - 168 |
|----------|---|---------------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

- 057 UNITED STATES
- 060 AM SAMOA
- 066 GUAM
- 073 PUERTO RICO

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 078 U. S. VIRGIN ISLANDS<br>096 OTHER U. S. ISLAND AREA<br>100-554 FOREIGN COUNTRY (SEE APPENDIX)<br>555 ELSEWHERE   |           |
| PEFNTVTY | 3    | FATHER'S COUNTRY OF BIRTH<br><br>EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3<br><br><u>VALID ENTRIES</u><br><br>057 UNITED STATES<br>060 AM SAMOA<br>066 GUAM<br>073 PUERTO RICO<br>078 U. S. VIRGIN ISLANDS<br>096 OTHER U. S. ISLAND AREA<br>100-554 FOREIGN COUNTRY (SEE APPENDIX)<br>555 ELSEWHERE  | 169 - 171 |
| PRCITSHP | 2    | CITIZENSHIP STATUS<br><br>EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3<br><br><u>VALID ENTRIES</u><br><br>1 NATIVE, BORN IN THE UNITED STATES<br>2 NATIVE, BORN IN PUERTO RICO OR OTHER U.S. ISLAND AREAS<br>3 NATIVE, BORN ABROAD OF AMERICAN PARENT OR PARENTS<br>4 FOREIGN BORN, U.S. CITIZEN BY NATURALIZATION<br>5 FOREIGN BORN, NOT A CITIZEN OF THE UNITED STATES | 172 - 173 |
| PRCITFLG | 2    | CITIZENSHIP ALLOCATION FLAG<br><br>EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3<br><br>Placed in this position because naming convention is different from all other allocation flags.   | 174 - 175 |
| PRINUSYR | 2    | IMMIGRANT'S YEAR OF ENTRY<br><br>EDITED UNIVERSE: PRCITSHP = 2, 3, 4, OR 5   | 176 - 177 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

|    |                                |
|----|--------------------------------|
| -1 | NOT IN UNIVERSE (BORN IN U.S.) |
| 00 | NOT FOREIGN BORN               |
| 01 | BEFORE 1950                    |
| 02 | 1950-1959                      |
| 03 | 1960-1964                      |
| 04 | 1965-1969                      |
| 05 | 1970-1974                      |
| 06 | 1975-1979                      |
| 07 | 1980-1981                      |
| 08 | 1982-1983                      |
| 09 | 1984-1985                      |
| 10 | 1986-1987                      |
| 11 | 1988-1989                      |
| 12 | 1990-1991                      |
| 13 | 1992-1993                      |
| 14 | 1994-1995                      |
| 15 | 1996-1997                      |
| 16 | 1998-1999                      |
| 17 | 2000-2001                      |
| 18 | 2002-2003                      |
| 19 | 2004-2005                      |
| 20 | 2006-2007                      |
| 21 | 2008-2009                      |
| 22 | 2010-2011                      |
| 23 | 2012-2013                      |
| 24 | 2014-2017                      |

Starting January 2018

|    |           |
|----|-----------|
| 24 | 2014-2015 |
| 25 | 2016-2018 |

Starting January 2019

|    |           |
|----|-----------|
| 25 | 2016-2019 |
|----|-----------|

**A4. PERSONS INFORMATION LABOR FORCE ITEMS**

|          |   |  |           |
|----------|---|--|-----------|
| PUSLFPRX | 2 | LABOR FORCE INFORMATION COLLECTED<br>BY SELF OR PROXY RESPONSE | 178 - 179 |
|----------|---|--|-----------|

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 SELF
- 2 PROXY
- 3 BOTH SELF AND PROXY

|       |   |                            |           |
|-------|---|----------------------------|-----------|
| PEMLR | 2 | MONTHLY LABOR FORCE RECODE | 180 - 181 |
|-------|---|----------------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

- 1 EMPLOYED-AT WORK
- 2 EMPLOYED-ABSENT
- 3 UNEMPLOYED-ON LAYOFF
- 4 UNEMPLOYED-LOOKING
- 5 NOT IN LABOR FORCE-RETIRED
- 6 NOT IN LABOR FORCE-DISABLED
- 7 NOT IN LABOR FORCE-OTHER

|      |   |  |           |
|------|---|--|-----------|
| PUWK | 2 | LAST WEEK, DID YOU DO ANY WORK FOR (EITHER) PAY (OR PROFIT)? | 182 - 183 |
|------|---|--|-----------|

VALID ENTRIES

- 1 YES
- 2 NO
- 3 RETIRED
- 4 DISABLED
- 5 UNABLE TO WORK

|        |   |   |           |
|--------|---|---|-----------|
| PUBUS1 | 2 | LAST WEEK, DID YOU DO ANY UNPAID WORK IN THE FAMILY BUSINESS OR FARM? | 184 - 185 |
|--------|---|---|-----------|

VALID ENTRIES

- 1 YES
- 2 NO

|          |   |   |           |
|----------|---|---|-----------|
| PUBUS2OT | 2 | DO YOU RECEIVE ANY PAYMENTS OR PROFITS FROM THE BUSINESS? | 186 - 187 |
|----------|---|---|-----------|

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 YES<br>2 NO   |           |
| PUBUSCK1 | 2    | CHECK ITEM 1<br>FILTER FOR QUESTIONS ON UNPAID WORK   | 188 - 189 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 GOTO PUBUS1<br>2 GOTO PURETCK1  |           |
| PUBUSCK2 | 2    | CHECK ITEM 2<br>SKIPS OWNERS OF FAMILY BUSINES WHO DID<br>NOT WORK LAST WEEK  | 190 - 191 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 GOTO PUHRUSL1<br>2 GOTO PUBUS2  |           |
| PUBUSCK3 | 2    | CHECK ITEM 3  | 192 - 193 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 GOTO PUABSRSN<br>2 GOTO PULAY   |           |
| PUBUSCK4 | 2    | CHECK ITEM 4  | 194 - 195 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 GOTO PUHRUSL1<br>2 GOTO PUABSPD   |           |
| PURETOT  | 2    | RETIREMENT STATUS<br>(LAST MONTH YOU WERE REPORTED TO BE<br>RETIRED, ARE YOU STILL RETIRED THIS MONTH?)<br><u>VALID ENTRIES</u> | 196 - 197 |
|          |      | 1 YES<br>2 NO<br>3 WAS NOT RETIRED LAST MONTH   |           |
| PUDIS    | 2    | DISABILITY STATUS<br>(LAST MONTH YOU WERE REPORTED TO   | 198 - 199 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

HAVE A DISABILITY.) DOES YOUR DISABILITY  
CONTINUE TO PREVENT YOU FROM DOING ANY KIND  
OF WORK FOR THE NEXT 6 MONTHS?

VALID ENTRIES

- 1 YES
- 2 NO
- 3 DID NOT HAVE DISABILITY LAST MONTH

|        |   |   |           |
|--------|---|---|-----------|
| PERET1 | 2 | DO YOU CURRENTLY WANT A JOB, EITHER<br>FULL OR PART-TIME? | 200 - 201 |
|--------|---|---|-----------|

EDITED UNIVERSE: PEMLR = 5 AND (PURETOT = 1 OR  
(PUWK = 3 AND PRTAGE >= 50) OR  
(PUABS = 3 AND PRTAGE >= 50) OR  
(PULAY = 3 AND PRTAGE >= 50))

VALID ENTRIES

- 1 YES
- 2 NO
- 3 HAS A JOB

|        |   |  |           |
|--------|---|--|-----------|
| PUDIS1 | 2 | DOES YOUR DISABILITY PREVENT YOU FROM<br>ACCEPTING ANY KIND OF WORK DURING<br>THE NEXT SIX MONTHS? | 202 - 203 |
|--------|---|--|-----------|

VALID ENTRIES

- 1 YES
- 2 NO

|        |   |  |           |
|--------|---|--|-----------|
| PUDIS2 | 2 | DO YOU HAVE A DISABILITY THAT PREVENTS<br>YOU FROM ACCEPTING ANY KIND OF WORK<br>DURING THE NEXT SIX MONTHS? | 204 - 205 |
|--------|---|--|-----------|

VALID ENTRIES

- 1 YES
- 2 NO

|         |   |   |           |
|---------|---|---|-----------|
| PUABSOT | 2 | LAST WEEK DID YOU HAVE A JOB<br>EITHER FULL OR PART-TIME? | 206 - 207 |
|---------|---|---|-----------|

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 YES
- 2 NO
- 3 RETIRED
- 4 DISABLED
- 5 UNABLE TO WORK

|       |   |   |           |
|-------|---|---|-----------|
| PULAY | 2 | LAST WEEK, WERE YOU ON LAYOFF FROM A JOB? | 208 - 209 |
|-------|---|---|-----------|

VALID ENTRIES

- 1 YES
- 2 NO
- 3 RETIRED
- 4 DISABLED
- 5 UNABLE TO WORK

|          |   |  |           |
|----------|---|--|-----------|
| PEABSRSN | 2 | WHAT IS THE MAIN REASON YOU WERE ABSENT FROM WORK LAST WEEK? | 210 - 211 |
|----------|---|--|-----------|

EDITED UNIVERSE: PEMLR = 2

VALID ENTRIES

- 1 ON LAYOFF
- 2 SLACK WORK/BUSINESS CONDITIONS
- 3 WAITING FOR A NEW JOB TO BEGIN
- 4 VACATION/PERSONAL DAYS
- 5 OWN ILLNESS/INJURY/MEDICAL PROBLEMS
- 6 CHILD CARE PROBLEMS
- 7 OTHER FAMILY/PERSONAL OBLIGATION
- 8 MATERNITY/PATERNITY LEAVE
- 9 LABOR DISPUTE
- 10 WEATHER AFFECTED JOB
- 11 SCHOOL/TRAINING
- 12 CIVIC/MILITARY DUTY
- 13 DOES NOT WORK IN THE BUSINESS
- 14 OTHER (SPECIFY)

|          |   |  |           |
|----------|---|--|-----------|
| PEABSPDO | 2 | ARE YOU BEING PAID BY YOUR EMPLOYER FOR ANY OF THE TIME OFF LAST WEEK? | 212 - 213 |
|----------|---|--|-----------|

EDITED UNIVERSE: PEABSRSN = 4-12, 14

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 YES
- 2 NO

|        |   |                                |           |
|--------|---|--------------------------------|-----------|
| PEMJOT | 2 | DO YOU HAVE MORE THAN ONE JOB? | 214 - 215 |
|--------|---|--------------------------------|-----------|

EDITED UNIVERSE: PEMLR = 1, 2

VALID ENTRIES

- 1 YES
- 2 NO

|         |   |   |           |
|---------|---|---|-----------|
| PEMJNUM | 2 | ALTOGETHER, HOW MANY JOBS DID YOU HAVE? | 216 - 217 |
|---------|---|---|-----------|

EDITED UNIVERSE: PEMJOT = 1

VALID ENTRIES

- 2 2 JOBS
- 3 3 JOBS
- 4 4 OR MORE JOBS

|          |   |   |           |
|----------|---|---|-----------|
| PEHRUSL1 | 2 | HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR MAIN JOB? | 218 - 219 |
|----------|---|---|-----------|

EDITED UNIVERSE: PEMJOT = 1 OR 2 AND PEMLR = 1 OR 2

VALID ENTRIES

- 4 HOURS VARY
- 0 MIN VALUE
- 99 MAX VALUE

|          |   |   |           |
|----------|---|---|-----------|
| PEHRUSL2 | 2 | HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR OTHER (JOB/JOBS)? | 220 - 221 |
|----------|---|---|-----------|

EDITED UNIVERSE: PEMJOT = 1 AND PEMLR = 1 OR 2

VALID ENTRIES

- 4 HOURS VARY
- 0 MIN VALUE
- 99 MAX VALUE



| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEHRFTPT | 2    | DO YOU USUALLY WORK 35 HOURS OR MORE PER WEEK?                          | 222 - 223 |
|          |      | EDITED UNIVERSE: PEHRUSL1 = -4 OR PEHRUSL2 = -4                         |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |
|          |      | 3 HOURS VARY  |           |
| PEHRUSLT | 3    | SUM OF HRUSL1 AND HRUSL2.   | 224 - 226 |
|          |      | EDITED UNIVERSE: PEMLR = 1 OR 2   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | -4 VARIES   |           |
|          |      | 0 MIN VALUE   |           |
|          |      | 198 MAX VALUE   |           |
| PEHRWANT | 2    | DO YOU WANT TO WORK A FULL-TIME WORK WEEK OF 35 HOURS OR MORE PER WEEK? | 227 - 228 |
|          |      | EDITED UNIVERSE: PEMLR = 1 AND (PEHRUSLT = 0-34<br>PEHRFTPT = 2)        |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |
|          |      | 3 REGULAR HOURS ARE FULL-TIME   |           |
| PEHRRSN1 | 2    | WHAT IS YOUR MAIN REASON FOR WORKING PART-TIME?                         | 229 - 230 |
|          |      | EDITED UNIVERSE: PEHRWANT = 1 (PEMLR = 1 AND PEHRUSLT < 35)             |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 SLACK WORK/BUSINESS CONDITIONS  |           |
|          |      | 2 COULD ONLY FIND PART-TIME WORK  |           |
|          |      | 3 SEASONAL WORK   |           |
|          |      | 4 CHILD CARE PROBLEMS   |           |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

- 5 OTHER FAMILY/PERSONAL OBLIGATIONS
- 6 HEALTH/MEDICAL LIMITATIONS
- 7 SCHOOL/TRAINING
- 8 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS
- 9 FULL-TIME WORKWEEK IS LESS THAN 35 HRS
- 10 OTHER - SPECIFY

|          |   |  |           |
|----------|---|--|-----------|
| PEHRRSN2 | 2 | WHAT IS THE MAIN REASON YOU DO NOT WANT TO WORK FULL-TIME? | 231 - 232 |
|----------|---|--|-----------|

EDITED UNIVERSE: PEHRWANT = 2 (PEMLR = 1 AND PEHRUSLT < 35)

VALID ENTRIES

- 1 CHILD CARE PROBLEMS
- 2 OTHER FAMILY/PERSONAL OBLIGATIONS
- 3 HEALTH/MEDICAL LIMITATIONS
- 4 SCHOOL/TRAINING
- 5 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS
- 6 FULL-TIME WORKWEEK LESS THAN 35 HOURS
- 7 OTHER - SPECIFY

|          |   |  |           |
|----------|---|--|-----------|
| PEHRRSN3 | 2 | WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK? | 233 - 234 |
|----------|---|--|-----------|

EDITED UNIVERSE: PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2  
(PEMLR = 1 AND PEHRUSLT = 35+)

VALID ENTRIES

- 1 SLACK WORK/BUSINESS CONDITIONS
- 2 SEASONAL WORK
- 3 JOB STARTED OR ENDED DURING WEEK
- 4 VACATION/PERSONAL DAY
- 5 OWN ILLNESS/INJURY/MEDICAL APPOINTMENT
- 6 HOLIDAY (LEGAL OR RELIGIOUS)
- 7 CHILD CARE PROBLEMS
- 8 OTHER FAMILY/PERSONAL OBLIGATIONS
- 9 LABOR DISPUTE
- 10 WEATHER AFFECTED JOB
- 11 SCHOOL/TRAINING
- 12 CIVIC/MILITARY DUTY
- 13 OTHER REASON

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PUHROFF1 | 2    | LAST WEEK, DID YOU LOSE OR TAKE<br>OFF ANY HOURS FROM YOUR JOB, FOR<br>ANY REASON SUCH AS ILLNESS, SLACK WORK,<br>VACATION, OR HOLIDAY? | 235 - 236 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |
| PUHROFF2 | 2    | HOW MANY HOURS DID YOU TAKE OFF?  | 237 - 238 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 0 MIN VALUE   |           |
|          |      | 99 MAX VALUE  |           |
| PUHROT1  | 2    | LAST WEEK, DID YOU WORK ANY<br>OVERTIME OR EXTRA HOURS (AT YOUR MAIN JOB)<br>THAT YOU DO NOT USUALLY WORK?                              | 239 - 240 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |
| PUHROT2  | 2    | HOW MANY ADDITIONAL HOURS<br>DID YOU WORK?  | 241 - 242 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 0 MIN VALUE   |           |
|          |      | 99 MAX VALUE  |           |
| PEHRACT1 | 2    | LAST WEEK, HOW MANY HOURS DID YOU<br>ACTUALLY WORK AT YOUR JOB?   | 243 - 244 |
|          |      | EDITED UNIVERSE: PEMLR = 1  |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 0 MIN VALUE   |           |
|          |      | 99 MAX VALUE  |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEHRACT2 | 2    | LAST WEEK, HOW MANY HOURS DID<br>YOU ACTUALLY WORK AT YOUR OTHER (JOB/JOBS)              | 245 - 246 |
|          |      | EDITED UNIVERSE: PEMLR = 1 AND PEMJOT = 1  |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 0 MIN VALUE  |           |
|          |      | 99 MAX VALUE   |           |
| PEHRACTT | 3    | SUM OF PEHRACT1 AND PEHRACT2.  | 247 - 249 |
|          |      | EDITED UNIVERSE: PEMLR = 1   |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 0 MIN VALUE  |           |
|          |      | 198 MAX VALUE  |           |
| PEHRAVL  | 2    | LAST WEEK, COULD YOU HAVE WORKED<br>FULL-TIME IF THE HOURS HAD BEEN AVAILABLE?           | 250 - 251 |
|          |      | EDITED UNIVERSE: PEHRACTT = 1-34 (PEMLR = 1 AND<br>PEHRUSLT < 35 AND PEHRRSN1 = 1, 2, 3) |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| FILLER   | 5    |  | 252 - 256 |
| PUHRCK1  | 2    | CHECK ITEM 1   | 257 - 258 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 GOTO PUHRUSL2  |           |
|          |      | 2 GOTO PUHRUSLT  |           |
| PUHRCK2  | 2    | CHECK ITEM 2<br>SKIPS PERSONS RESPONDING YES TO<br>HRFTPT OUT OF PT SERIES               | 259 - 260 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 IF ENTRY OF 1 IN MJ AND  
ENTRY OF D, R OR V IN HRUSL1  
AND ENTRY OF D, R, V OR 0-34  
IN HRUSL2 GOTO HRFTPT
- 2 IF ENTRY OF 1 IN MJ AND ENTRY  
OF D, R OR V IN HRUSL2 AND  
ENTRY OF D, R V OR 0-34 IN  
HRUSL1 GOTO HRFTPT
- 3 IF ENTRY OF 2, D OR R IN MJ  
AND ENTRY OF D, R OR V IN HRUSL1  
GOTO HRFTPT
- 4 IF ENTRY OF 1 IN BUS1 AND ENTRY  
OF D, R OR V IN HRUSL1 THEN  
GOTO HRFTPT
- 5 ALL OTHERS GOTO HRCK3-C

|         |   |              |           |
|---------|---|--------------|-----------|
| PUHRCK3 | 2 | CHECK ITEM 3 | 261 - 262 |
|---------|---|--------------|-----------|

VALID ENTRIES

- 1 IF ENTRY OF 1 IN ABSOT OR  
(ENTRY OR 2 IN ABSOT AND  
ENTRY OF 1 IN BUS AND CURRENT  
R\_P EQUALS BUSLST) THEN GOTO HRCK8
- 2 IF ENTRY OF 3 IN RET1 GOTO HRCK8
- 3 IF ENTRY IN HRUSLT IS 0-34 HOURS GOTO HRCK4-C
- 4 IF ENTRY IN HRUSLT IS 35+ GOTO HROFF1
- 5 ALL OTHERS GOTO HRCK4-C
- 6 GOTO PUHRCK4

|         |   |              |           |
|---------|---|--------------|-----------|
| PUHRCK4 | 2 | CHECK ITEM 4 | 263 - 264 |
|---------|---|--------------|-----------|

VALID ENTRIES

- 1 IF ENTRY OF 1, D, R OR V  
IN HRFTPT THEN GOTO HRACT1
- 2 IF ENTRY OF 2, D OR R IN BUS2 THEN GOTO HROFF1
- 3 IF HRUSLT IS 0-34 THEN GOTO HRWANT
- 4 IF ENTRY OF 2 IN HRFTPT THEN GOTO HRWANT
- 5 ALL OTHERS GOTO HRACT1

|         |   |              |           |
|---------|---|--------------|-----------|
| PUHRCK5 | 2 | CHECK ITEM 5 | 265 - 266 |
|---------|---|--------------|-----------|

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 IF ENTRY OF 1 IN MJOT GOTO HRACT2
- 2 ALL OTHERS GOTO HRCK6-C

|         |   |              |           |
|---------|---|--------------|-----------|
| PUHRCK6 | 2 | CHECK ITEM 6 | 267 - 268 |
|---------|---|--------------|-----------|

VALID ENTRIES

- 1 IF HRACT1 AND HRACT2 EQ 0 AND  
ENTRY OF 2, D, R IN BUS2 THEN GOTO LK
- 2 IF HRACT1 AND HRACT2 EQ 0 THEN  
STORE 1 IN ABSOT AND GOTO ABSRSN
- 3 ALL OTHERS GOTO HRACTT-C

|         |   |              |           |
|---------|---|--------------|-----------|
| PUHRCK7 | 2 | CHECK ITEM 7 | 269 - 270 |
|---------|---|--------------|-----------|

VALID ENTRIES

- 1 (IF ENTRY OF 2, D OR R IN BUS2) AND  
(HRACT1 LESS THAN 15 OR D) GOTO HRCK8
- 2 (IF ENTRY OF 2, D OR R IN BUS2) AND  
(HRACT1 IS 15+) GOTO HRCK8
- 3 (IF HRUSLT IS 35+ OR IF ENTRY OF 1 IN HRFTPT)  
AND (HRACTT < 35) AND ENTRY IN HRACT1 OR HRACT2  
ISN'T D OR R THEN GOTO HRRSN3
- 4 IF ENTRY OF 1 IN HRWANT AND HRACTT < 35  
AND (ENTRY OF 1, 2, 3 IN HRRSN1) GOTO HRAVL
- 5 ALL OTHERS GOTO HRCK8

|          |   |               |           |
|----------|---|---------------|-----------|
| PUHRCK12 | 2 | CHECK ITEM 12 | 271 - 272 |
|----------|---|---------------|-----------|

VALID ENTRIES

- 1 IF ENTRY OF 2, D OR R IN BUS2  
AND HRACTT IS LESS THAN 15  
OR D GOTO LK
- 2 ALL OTHERS GOTO IOCK1

|         |   |  |           |
|---------|---|--|-----------|
| PULAYDT | 2 | HAS YOUR EMPLOYER GIVEN YOU A DATE<br>TO RETURN TO WORK? | 273 - 274 |
|---------|---|--|-----------|

VALID ENTRIES

- 1 YES
- 2 NO

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PULAY6M  | 2    | HAVE YOU BEEN GIVEN ANY INDICATION<br>THAT YOU WILL BE RECALLED TO WORK WITHIN<br>THE NEXT 6 MONTHS?<br><br><u>VALID ENTRIES</u><br><br>1    YES<br>2    NO   | 275 - 276 |
| PELAYAVL | 2    | COULD YOU HAVE RETURNED TO WORK<br>LAST WEEK IF YOU HAD BEEN RECALLED?<br><br>EDITED UNIVERSE:    PEMPLR = 3<br><br><u>VALID ENTRIES</u><br><br>1    YES<br>2    NO   | 277 - 278 |
| PULAYAVR | 2    | WHY IS THAT?<br><br><u>VALID ENTRIES</u><br><br>1    OWN TEMPORARY ILLNESS<br>2    GOING TO SCHOOL<br>3    OTHER  | 279 - 280 |
| PELAYLK  | 2    | EVEN THOUGH YOU ARE TO BE CALLED BACK<br>TO WORK, HAVE YOU BEEN LOOKING FOR WORK<br>DURING THE LAST 4 WEEKS.<br><br>EDITED UNIVERSE:    PELAYAVL= 1, 2<br><br><u>VALID ENTRIES</u><br><br>1    YES<br>2    NO | 281 - 282 |
| PELAYDUR | 3    | DURATION OF LAYOFF<br>EDITED UNIVERSE:    PELAYLK = 1, 2<br><br><u>VALID ENTRIES</u><br><br>01-51    Weeks on layoff<br>52        52 weeks or more<br>Topcoded at 52 weeks starting April 2011                | 283 - 285 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PELAYFTO | 2    | FT/PT STATUS OF JOB FROM WHICH<br>SAMPLE PERSON WAS ON LAYOFF FROM<br><br>EDITED UNIVERSE:    PELAYDUR = 0-120<br><br><u>VALID ENTRIES</u><br><br>1    YES<br>2    NO                | 286 - 287 |
| PULAYCK1 | 2    | CHECK ITEM 1<br><br><u>VALID ENTRIES</u><br><br>1    GOTO PULAYCK3<br>2    GOTO PULAYFT<br>3    GOTO PULAYDR   | 288 - 289 |
| PULAYCK2 | 2    | CHECK ITEM 2<br>SCREEN FOR DEPENDENT LAYOFF<br><br><u>VALID ENTRIES</u><br><br>1    GOTO PULAYDR3<br>2    GOTO PULAYFT   | 290 - 291 |
| PULAYCK3 | 2    | CHECK ITEM 3<br>FILTER FOR DEPENDENT I & O<br><br><u>VALID ENTRIES</u><br><br>1    MISCK = 5 GOTO IO1INT<br>2    I-ICR = 1 OR I-OCR = 1, GOTO IO1INT<br>3    ALL OTHERS GOTO SCHCK   | 292 - 293 |
| PULK     | 2    | HAVE YOU BEEN DOING ANYTHING TO FIND<br>WORK DURING THE LAST 4 WEEKS?<br><br><u>VALID ENTRIES</u><br><br>1    YES<br>2    NO<br>3    RETIRED<br>4    DISABLED<br>5    UNABLE TO WORK | 294 - 295 |



| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PELKM1 | 2    | <p>WHAT ARE ALL OF THE THINGS YOU HAVE DONE TO FIND WORK DURING THE LAST 4 WEEKS? (FIRST METHOD)</p> <p>EDITED UNIVERSE: PEMLR = 4</p> <p><u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> <li>1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW</li> <li>2 CONTACTED PUBLIC EMPLOYMENT AGENCY</li> <li>3 CONTACTED PRIVATE EMPLOYMENT AGENCY</li> <li>4 CONTACTED FRIENDS OR RELATIVES</li> <li>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER</li> <li>6 SENT OUT RESUMES/FILLED OUT APPLICATION</li> <li>7 CHECKED UNION/PROFESSIONAL REGISTERS</li> <li>8 PLACED OR ANSWERED ADS</li> <li>9 OTHER ACTIVE</li> <li>10 LOOKED AT ADS</li> <li>11 ATTENDED JOB TRAINING PROGRAMS/COURSES</li> <li>12 NOTHING</li> <li>13 OTHER PASSIVE</li> </ol> | 296 - 297 |
| PULKM2 | 2    | <p>ANYTHING ELSE? (SECOND METHOD)</p> <p><u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> <li>1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW</li> <li>2 CONTACTED PUBLIC EMPLOYMENT AGENCY</li> <li>3 CONTACTED PRIVATE EMPLOYMENT AGENCY</li> <li>4 CONTACTED FRIENDS OR RELATIVES</li> <li>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER</li> <li>6 SENT OUT RESUMES/FILLED OUT APPLICATION</li> <li>7 CHECKED UNION/PROFESSIONAL REGISTERS</li> <li>8 PLACED OR ANSWERED ADS</li> <li>9 OTHER ACTIVE</li> <li>10 LOOKED AT ADS</li> <li>11 ATTENDED JOB TRAINING PROGRAMS/COURSES</li> <li>13 OTHER PASSIVE</li> </ol>  | 298 - 299 |
| PULKM3 | 2    | <p>SAME AS PULKM2 (THIRD METHOD)</p> <p><u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> <li>1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW</li> <li>2 CONTACTED PUBLIC EMPLOYMENT AGENCY</li> </ol>   | 300 - 301 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

- |    |   |
|----|---|
| 3  | CONTACTED PRIVATE EMPLOYMENT AGENCY     |
| 4  | CONTACTED FRIENDS OR RELATIVES          |
| 5  | CONTACTED SCHOOL/UNIVERSITY EMPL CENTER |
| 6  | SENT OUT RESUMES/FILLED OUT APPLICATION |
| 7  | CHECKED UNION/PROFESSIONAL REGISTERS    |
| 8  | PLACED OR ANSWERED ADS                  |
| 9  | OTHER ACTIVE                            |
| 10 | LOOKED AT ADS                           |
| 11 | ATTENDED JOB TRAINING PROGRAMS/COURSES  |
| 13 | OTHER PASSIVE                           |

|        |   |                                |           |
|--------|---|--------------------------------|-----------|
| PULKM4 | 2 | SAME AS PULKM2 (FOURTH METHOD) | 302 - 303 |
|--------|---|--------------------------------|-----------|

VALID ENTRIES

- |    |   |
|----|---|
| 1  | CONTACTED EMPLOYER DIRECTLY/INTERVIEW   |
| 2  | CONTACTED PUBLIC EMPLOYMENT AGENCY      |
| 3  | CONTACTED PRIVATE EMPLOYMENT AGENCY     |
| 4  | CONTACTED FRIENDS OR RELATIVES          |
| 5  | CONTACTED SCHOOL/UNIVERSITY EMPL CENTER |
| 6  | SENT OUT RESUMES/FILLED OUT APPLICATION |
| 7  | CHECKED UNION/PROFESSIONAL REGISTERS    |
| 8  | PLACED OR ANSWERED ADS                  |
| 9  | OTHER ACTIVE                            |
| 10 | LOOKED AT ADS                           |
| 11 | ATTENDED JOB TRAINING PROGRAMS/COURSES  |
| 13 | OTHER PASSIVE                           |

|        |   |                               |           |
|--------|---|-------------------------------|-----------|
| PULKM5 | 2 | SAME AS PULKM2 (FIFTH METHOD) | 304 - 305 |
|--------|---|-------------------------------|-----------|

VALID ENTRIES

- |    |   |
|----|---|
| 1  | CONTACTED EMPLOYER DIRECTLY/INTERVIEW   |
| 2  | CONTACTED PUBLIC EMPLOYMENT AGENCY      |
| 3  | CONTACTED PRIVATE EMPLOYMENT AGENCY     |
| 4  | CONTACTED FRIENDS OR RELATIVES          |
| 5  | CONTACTED SCHOOL/UNIVERSITY EMPL CENTER |
| 6  | SENT OUT RESUMES/FILLED OUT APPLICATION |
| 7  | CHECKED UNION/PROFESSIONAL REGISTERS    |
| 8  | PLACED OR ANSWERED ADS                  |
| 9  | OTHER ACTIVE                            |
| 10 | LOOKED AT ADS                           |
| 11 | ATTENDED JOB TRAINING PROGRAMS/COURSES  |
| 13 | OTHER PASSIVE                           |

| NAME   | SIZE | DESCRIPTION                   | LOCATION  |
|--------|------|-------------------------------|-----------|
| PULKM6 | 2    | SAME AS PULKM2 (SIXTH METHOD) | 306 - 307 |

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

|         |   |  |           |
|---------|---|--|-----------|
| PULKDK1 | 2 | YOU SAID YOU HAVE BEEN TRYING TO<br>FIND WORK. HOW DID YOU GO ABOUT LOOKING?<br>(FIRST METHOD) | 308 - 309 |
|---------|---|--|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 12 NOTHING
- 13 OTHER PASSIVE

|         |   |                                |           |
|---------|---|--------------------------------|-----------|
| PULKDK2 | 2 | ANYTHING ELSE? (SECOND METHOD) | 310 - 311 |
|---------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
|         |      | 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE   |           |
| PULKDK3 | 2    | SAME AS PULKDK2 (THIRD METHOD)  | 312 - 313 |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE |           |
| PULKDK4 | 2    | SAME AS PULKDK2 (FOURTH METHOD)   | 314 - 315 |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE |           |
| PULKDK5 | 2    | SAME AS PULKDK2 (FIFTH METHOD)  | 316 – 317 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

|         |   |                                |           |
|---------|---|--------------------------------|-----------|
| PULKDK6 | 2 | SAME AS PULKDK2 (SIXTH METHOD) | 318 – 319 |
|---------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

|         |   |  |           |
|---------|---|--|-----------|
| PULKPS1 | 2 | CAN YOU TELL ME MORE ABOUT WHAT YOU<br>DID TO SEARCH FOR WORK?<br>(FIRST METHOD) | 320 - 321 |
|---------|---|--|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
|         |      | 8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>12 NOTHING<br>13 OTHER PASSIVE   |           |
| PULKPS2 | 2    | ANYTHING ELSE? (SECOND METHOD)  | 322 - 323 |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE |           |
| PULKPS3 | 2    | SAME AS PULKPS2 (THIRD METHOD)  | 324 - 325 |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE |           |
| PULKPS4 | 2    | SAME AS PULKPS2 (FOURTH METHOD)   | 326 - 327 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

|         |   |                                |           |
|---------|---|--------------------------------|-----------|
| PULKPS5 | 2 | SAME AS PULKPS2 (FIFTH METHOD) | 328 - 329 |
|---------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

|         |   |                                |           |
|---------|---|--------------------------------|-----------|
| PULKPS6 | 2 | SAME AS PULKPS2 (SIXTH METHOD) | 330 - 331 |
|---------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PUBLIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE                            |           |
| PELKAVL  | 2    | LAST WEEK, COULD YOU HAVE STARTED<br>A JOB IF ONE HAD BEEN OFFERED?  | 332 - 333 |
|          |      | EDITED UNIVERSE: PELKM1 = 1 - 13   |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES<br>2 NO  |           |
| PULKAVR  | 2    | WHY IS THAT?   | 334 - 335 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 WAITING FOR NEW JOB TO BEGIN<br>2 OWN TEMPORARY ILLNESS<br>3 GOING TO SCHOOL<br>4 OTHER - SPECIFY          |           |
| PELKLL1O | 2    | BEFORE YOU STARTED LOOKING FOR WORK,<br>WHAT WERE YOU DOING: WORKING, GOING<br>TO SCHOOL, OR SOMETHING ELSE? | 336 - 337 |
|          |      | EDITED UNIVERSE: PELKAVL = 1-2   |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 WORKING<br>2 SCHOOL<br>3 LEFT MILITARY SERVICE<br>4 SOMETHING ELSE   |           |
| PELKLL2O | 2    | DID YOU LOSE OR QUIT THAT JOB, OR WAS IT<br>A TEMPORARY JOB THAT ENDED?                                      | 338 - 339 |
|          |      | EDITED UNIVERSE: PELKLL1O = 1 OR 3   |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 LOST JOB<br>2 QUIT JOB<br>3 TEMPORARY JOB ENDED  |           |



| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PELKLWO  | 2    | WHEN LAST WORKED<br><br>EDITED UNIVERSE: PELKLL1O = 1 - 4<br><br><u>VALID ENTRIES</u><br><br>1 WITHIN THE LAST 12 MONTHS<br>2 MORE THAN 12 MONTHS AGO<br>3 NEVER WORKED  | 340 - 341 |
| PELKDUR  | 3    | DURATION OF JOB SEEKING<br><br>EDITED UNIVERSE: PELKLWO = 1 - 3<br><br><u>VALID ENTRIES</u><br><br>0-118 Weeks looking for work<br>119 119 or more weeks looking<br><br>Topcoded at 119 weeks starting April 2011  | 342 - 344 |
| PELKFTO  | 2    | FT/PT STATUS OF JOBSEEKER<br><br>EDITED UNIVERSE: PELKDUR = 0-120<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO<br>3 DOESN'T MATTER   | 345 - 346 |
| PEDWWNT0 | 2    | DO YOU CURRENTLY WANT A JOB,<br>EITHER FULL OR PART TIME?<br><br>EDITED UNIVERSE: PUDWCK1 = 3, 4, -1<br><br><u>VALID ENTRIES</u><br><br>1 YES, OR MAYBE, IT DEPENDS<br>2 NO<br>3 RETIRED<br>4 DISABLED<br>5 UNABLE | 347 - 348 |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PEDWRSN | 2    | <p>WHAT IS THE MAIN REASON YOU WERE NOT<br/>LOOKING FOR WORK DURING THE LAST 4 WEEKS?</p> <p>EDITED UNIVERSE: PUDWCK4 = 4, -1</p> <p><u>VALID ENTRIES</u></p> <p>1 BELIEVES NO WORK AVAILABLE IN AREA OF EXPERTISE<br/>2 COULDN'T FIND ANY WORK<br/>3 LACKS NECESSARY SCHOOLING/TRAINING<br/>4 EMPLOYERS THINK TOO YOUNG OR TOO OLD<br/>5 OTHER TYPES OF DISCRIMINATION<br/>6 CAN'T ARRANGE CHILD CARE<br/>7 FAMILY RESPONSIBILITIES</p> <p>8 IN SCHOOL OR OTHER TRAINING<br/>9 ILL-HEALTH, PHYSICAL DISABILITY<br/>10 TRANSPORTATION PROBLEMS<br/>11 OTHER - SPECIFY</p> | 349 - 350 |
| PEDWLKO | 2    | <p>DID YOU LOOK FOR WORK AT ANY TIME<br/>IN THE LAST 12 MONTHS</p> <p>EDITED UNIVERSE: (PUDWCK4 = 1-3) or (PEDWRSN = 1-11)</p> <p><u>VALID ENTRIES</u></p> <p>1 YES<br/>2 NO</p>  | 351 - 352 |
| PEDWWK  | 2    | <p>DID YOU ACTUALLY WORK AT A JOB OR<br/>BUSINESS DURING THE LAST 12 MONTHS?</p> <p>EDITED UNIVERSE: PEDWLKO = 1</p> <p><u>VALID ENTRIES</u></p> <p>1 YES<br/>2 NO</p>  | 353 - 354 |
| PEDW4WK | 2    | <p>DID YOU DO ANY OF THIS WORK DURING<br/>THE LAST 4 WEEKS?</p> <p>EDITED UNIVERSE: PEDWWK = 1</p>  | 355 - 356 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 YES
- 2 NO

|          |   |  |           |
|----------|---|--|-----------|
| PEDWLKWK | 2 | SINCE YOU LEFT THAT JOB OR<br>BUSINESS HAVE YOU LOOKED FOR WORK? | 357 - 358 |
|----------|---|--|-----------|

EDITED UNIVERSE: PEDW4WK = 2

VALID ENTRIES

- 1 YES
- 2 NO

|         |   |   |           |
|---------|---|---|-----------|
| PEDWAVL | 2 | LAST WEEK, COULD YOU HAVE STARTED<br>A JOB IF ONE HAD BEEN OFFERED? | 359 - 360 |
|---------|---|---|-----------|

EDITED UNIVERSE: (PEDWWK = 2) or (PEDWLKWK = 1)

VALID ENTRIES

- 1 YES
- 2 NO

|         |   |              |           |
|---------|---|--------------|-----------|
| PEDWAVR | 2 | WHY IS THAT? | 361 - 362 |
|---------|---|--------------|-----------|

EDITED UNIVERSE: PEDWAVL = 2

VALID ENTRIES

- 1 OWN TEMPORARY ILLNESS
- 2 GOING TO SCHOOL
- 3 OTHER

|         |   |                                |           |
|---------|---|--------------------------------|-----------|
| PUDWCK1 | 2 | SCREEN FOR DISCOURAGED WORKERS | 363 - 364 |
|---------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 IF ENTRY OF 2 IN BUS2 GOTO PUSCHCK
- 2 IF ENTRY OF 3 ON ABSRSN GOTO PUNLFCK1
- 3 IF ENTRY OF 1 IN RET1, STORE 1 IN DWWNT0  
AND GOTO PUDWCK4
- 4 ALL OTHERS GOTO PUDWWNT

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PUDWCK2 | 2    | SCREEN FOR DISABLED  | 365 - 366 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 IF ENTRY IN DIS1 OR DIS2 GOTO PUJHCK1-C                                      |           |
|         |      | 2 IF ENTRY OF 4 IN DWWNT GOTO PUDIS1   |           |
|         |      | 3 IF ENTRY OF 5 IN DWWNT GOTO PUDIS2   |           |
|         |      | 4 ALL OTHERS GOTO PUDWCK4  |           |
| PUDWCK3 | 2    | FILTER FOR RETIRED   | 367 - 368 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 IF AGERNG EQUALS 1-4 OR 9 GOTO PUDWCK4                                       |           |
|         |      | 2 ALL OTHERS GOTO PUNLFCK2   |           |
| PUDWCK4 | 2    | FILTER FOR PASSIVE JOB SEEKERS   | 369 - 370 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 IF ENTRY OF 10 AND/OR 11 AND/OR 13<br>ONLY IN LKM1-LKM3 GOTO PUDWCK5         |           |
|         |      | 2 IF ENTRY OF 10 AND/OR 11 AND/OR 13<br>ONLY IN LKDK1-LKDK3 GOTO PUDWCK5       |           |
|         |      | 3 IF ENTRY OF 10 AND/OR 11 AND/OR 13<br>ONLY IN LKPS1-LKPS3 GOTO PUDWCK5       |           |
|         |      | 4 ALL OTHERS GOTO PUDWRSN  |           |
| PUDWCK5 | 2    | FILTER FOR PASSIVE JOB SEEKERS   | 371 - 372 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 IF ENTRY OF 1 IN LK THEN STORE 1<br>IN DWLKO AND GOTO PUDWWK                 |           |
|         |      | 2 ALL OTHERS GOTO PUDWLK   |           |
| PEJHWKO | 2    | HAVE YOU WORKED AT A JOB OR BUSINESS<br>AT ANY TIME DURING THE PAST 12 MONTHS? | 373 - 374 |
|         |      | EDITED UNIVERSE: HRMIS = 4 or 8 AND PEMLR = 5, 6, AND 7                        |           |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 YES  |           |
|         |      | 2 NO   |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PUJHDP1O | 2    | DID YOU DO ANY OF THIS WORK IN<br>THE LAST 4 WEEKS?<br><br><u>VALID ENTRIES</u><br><br>1    YES<br>2    NO   | 375 - 376 |
| PEJHRSN  | 2    | WHAT IS THE MAIN REASON YOU LEFT<br>YOUR LAST JOB?<br><br>EDITED UNIVERSE:    PEJHWKO = 1<br><br><u>VALID ENTRIES</u><br><br>1    PERSONAL/FAMILY (INCLUDING PREGNANCY)<br>2    RETURN TO SCHOOL<br>3    HEALTH<br>4    RETIREMENT OR OLD AGE<br>5    TEMP, SEASONAL OR INTERMITTENT JOB COMPLETE<br>6    SLACK WORK/BUSINESS CONDITIONS<br>7    UNSATISFACTORY WORK ARRANGEMENTS (HRS, PAY, ETC.)<br>8    OTHER - SPECIFY | 377 - 378 |
| PEJHWANT | 2    | DO YOU INTEND TO LOOK FOR WORK DURING<br>THE NEXT 12 MONTHS?<br><br>EDITED UNIVERSE:    (PEJHWKO = 2) or (PEJHRSN = 1-8)<br><br><u>VALID ENTRIES</u><br><br>1    YES, OR IT DEPENDS<br>2    NO   | 379 - 380 |
| PUJHCK1  | 2    | FILTER FOR OUTGOING ROTATIONS<br><br><u>VALID ENTRIES</u><br><br>1    PURET1 = 1, -2, OR -3<br>THEN GOTO NLFCK2<br>2    IF MISCK EQUALS 4 OR 8<br>THEN GOTO PUJHCK2<br>3    ALL OTHERS GOTO PUNLFCK1   | 381 - 382 |
| PUJHCK2  | 2    | FILTER FOR PERSONS GOING THROUGH THE<br>I AND O SERIES   | 383 - 384 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 IF ENTRY OF 1 IN DWWK AND I-MLR= 3, 4  
THEN STORE 1 IN JHWKO, STORE  
DW4WK IN JHDP10 AND GOTO PUJHR SN
- 2 IF ENTRY OF 2, D OR R IN DWWK THEN STORE DWWK IN  
JHWKO AND GOTO PUJHWANT
- 3 ALL OTHERS GOTO PUJHWK

|          |   |                                   |           |
|----------|---|-----------------------------------|-----------|
| PRABSREA | 2 | REASON NOT AT WORK AND PAY STATUS | 385 - 386 |
|----------|---|-----------------------------------|-----------|

EDITED UNIVERSE: PEMLR = 2

VALID ENTRIES

- 1 FT PAID-VACATION
- 2 FT PAID-OWN ILLNESS
- 3 FT PAID-CHILD CARE PROBLEMS
- 4 FT PAID-OTHER FAMILY/PERSONAL OBLIG.
- 5 FT PAID-MATERNITY/PATERNITY LEAVE
- 6 FT PAID-LABOR DISPUTE
- 7 FT PAID-WEATHER AFFECTED JOB
- 8 FT PAID-SCHOOL/TRAINING
- 9 FT PAID-CIVIC/MILITARY DUTY
- 10 FT PAID-OTHER
- 11 FT UNPAID-VACATION
- 12 FT UNPAID-OWN ILLNESS
- 13 FT UNPAID-CHILD CARE PROBLEMS
- 14 FT UNPAID-OTHER FAM/PERSONAL OBLIGATION
- 15 FT UNPAID-MATERNITY/PATERNITY LEAVE
- 16 FT UNPAID-LABOR DISPUTE
- 17 FT UNPAID-WEATHER AFFECTED JOB
- 18 FT UNPAID-SCHOOL/TRAINING
- 19 FT UNPAID-CIVIC/MILITARY DUTY
- 20 FT UNPAID-OTHER
- 21 PT PAID-VACATION
- 22 PT PAID-OWN ILLNESS
- 23 PT PAID-CHILD CARE PROBLEMS
- 24 PT PAID-OTHER FAMILY/PERSONAL OBLIG.
- 25 PT PAID-MATERNITY/PATERNITY LEAVE
- 26 PT PAID-LABOR DISPUTE
- 27 PT PAID-WEATHER AFFECTED JOB
- 28 PT PAID-SCHOOL/TRAINING
- 29 PT PAID-CIVIC/MILITARY DUTY
- 30 PT PAID-OTHER
- 31 PT UNPAID-VACATION

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

- 32 PT UNPAID-OWN ILLNESS
- 33 PT UNPAID-CHILD CARE PROBLEMS
- 34 PT UNPAID-OTHER FAM/PERSONAL OBLIGATION
- 35 PT UNPAID-MATERNITY/PATERNITY LEAVE
- 36 PT UNPAID-LABOR DISPUTE
- 37 PT UNPAID-WEATHER AFFECTED JOB
- 38 PT UNPAID-SCHOOL/TRAINING
- 39 PT UNPAID-CIVIC/MILITARY DUTY
- 40 PT UNPAID-OTHER

|         |   |                      |           |
|---------|---|----------------------|-----------|
| PRCIVLF | 2 | CIVILIAN LABOR FORCE | 387 - 388 |
|---------|---|----------------------|-----------|

EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

- 01 IN CIVILIAN LABOR FORCE
- 02 NOT IN CIVILIAN LABOR FORCE

|        |   |                           |           |
|--------|---|---------------------------|-----------|
| PRDISC | 2 | DISCOURAGED WORKER RECODE | 389 - 390 |
|--------|---|---------------------------|-----------|

EDITED UNIVERSE: PRJOBSEA = 1-4

VALID ENTRIES

- 1 DISCOURAGED WORKER
- 2 CONDITIONALLY INTERESTED
- 3 NOT AVAILABLE

|          |   |                                     |           |
|----------|---|-------------------------------------|-----------|
| PREMPHRS | 2 | REASON NOT AT WORK OR HOURS AT WORK | 391 - 392 |
|----------|---|-------------------------------------|-----------|

EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

- 0 UNEMPLOYED AND NILF
- 1 W/JOB, NOT AT WORK-ILLNES
- 2 W/JOB, NOT AT WORK-VACATION
- 3 W/JOB, NOT AT WORK-WEATHER AFFECTED JOB
- 4 W/JOB, NOT AT WORK-LABOR DISPUTE
- 5 W/JOB, NOT AT WORK-CHILD CARE PROBLEMS
- 6 W/JOB, NOT AT WORK-FAM/PERS OBLIGATION
- 7 W/JOB, NOT AT WORK-MATERNITY/PATERNITY
- 8 W/JOB, NOT AT WORK-SCHOOL/TRAINING
- 9 W/JOB, NOT AT WORK-CIVIC/MILITARY DUTY
- 10 W/JOB, NOT AT WORK-DOES NOT WORK IN BUS

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 11 W/JOB, NOT AT WORK-OTHER<br>12 AT WORK- 1-4 HRS<br>13 AT WORK- 5-14 HRS<br>14 AT WORK- 15-21 HRS<br>15 AT WORK- 22-29 HRS<br>16 AT WORK- 30-34 HRS<br>17 AT WORK- 35-39 HRS<br>18 AT WORK- 40 HRS<br>19 AT WORK- 41-47 HRS<br>20 AT WORK- 48 HRS<br>21 AT WORK- 49-59 HRS<br>22 AT WORK- 60 HRS OR MORE |           |
| PREMPNOT | 2    | MLR - EMPLOYED, UNEMPLOYED, OR NILF<br><br>EDITED UNIVERSE: PEMLR = 1-7<br><br><u>VALID ENTRIES</u><br><br>1 EMPLOYED<br>2 UNEMPLOYED<br>3 NOT IN LABOR FORCE (NILF)-discouraged<br>4 NOT IN LABOR FORCE (NILF)-other  | 393 - 394 |
| PREXPLF  | 2    | EXPERIENCED LABOR FORCE EMPLOYMENT<br><br>EDITED UNIVERSE: PEMLR = 1-4 AND<br>PELKLWO ne 3<br><br><u>VALID ENTRIES</u><br><br>1 EMPLOYED<br>2 UNEMPLOYED   | 395 - 396 |
| PRFTLF   | 2    | FULL TIME LABOR FORCE<br><br>EDITED UNIVERSE: PEMLR = 1-4<br><br><u>VALID ENTRIES</u><br><br>1 FULL TIME LABOR FORCE<br>2 PART TIME LABOR FORCE  | 397 - 398 |
| PRHRUSL  | 2    | USUAL HOURS WORKED WEEKLY  | 399 - 400 |



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

EDITED UNIVERSE: PEMLR = 1-2

VALID ENTRIES

- 1 0-20 HRS
- 2 21-34 HRS
- 3 35-39 HRS
- 4 40 HRS
- 5 41-49 HRS
- 6 50 OR MORE HRS
- 7 VARIES-FULL TIME
- 8 VARIES-PART TIME

|          |   |                   |           |
|----------|---|-------------------|-----------|
| PRJOBSEA | 2 | JOB SEARCH RECODE | 401 - 402 |
|----------|---|-------------------|-----------|

EDITED UNIVERSE: PRWNTJOB = 1

VALID ENTRIES

- 1 LOOKED LAST 12 MONTHS, SINCE COMPLETING PREVIOUS JOB
- 2 LOOKED AND WORKED IN THE LAST 4 WEEKS
- 3 LOOKED LAST 4 WEEKS - LAYOFF
- 4 UNAVAILABLE JOB SEEKERS
- 5 NO RECENT JOB SEARCH

|         |   |                               |           |
|---------|---|-------------------------------|-----------|
| PRPTHRS | 2 | AT WORK 1-34 BY HOURS AT WORK | 403 - 404 |
|---------|---|-------------------------------|-----------|

EDITED UNIVERSE: PEMLR = 1 AND  
PEHRACTT = 1-34

VALID ENTRIES

- 0 USUALLY FT, PT FOR NONECONOMIC REASONS
- 1 USUALLY.FT, PT ECON REASONS; 1-4 HRS
- 2 USUALLY.FT, PT ECON REASONS; 5-14 HRS
- 3 USUALLY.FT, PT ECON REASONS; 15-29 HRS
- 4 USUALLY.FT, PT ECON REASONS; 30-34 HRS
- 5 USUALLY.PT, ECON REASONS; 1-4 HRS
- 6 USUALLY.PT, ECON REASONS; 5-14 HRS
- 7 USUALLY.PT, ECON REASONS; 15-29 HRS
- 8 USUALLY.PT, ECON REASONS; 30-34 HRS
- 9 USUALLY.PT, NON-ECON REASONS; 1-4 HRS
- 10 USUALLY.PT, NON-ECON REASONS; 5-14 HRS
- 11 USUALLY.PT, NON-ECON REASONS; 15-29 HRS
- 12 USUALLY.PT, NON-ECON REASONS; 30-34 HRS

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PRPTREA  | 2    | <p>DETAILED REASON FOR PART-TIME</p> <p>EDITED UNIVERSE: PEMLR = 1 AND<br/>(PEHRUSLT = 0-34 OR PEHRACTT = 1-34)</p> <p><u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> <li>1 USU. FT-SLACK WORK/BUSINESS CONDITIONS</li> <li>2 USU. FT-SEASONAL WORK</li> <li>3 USU. FT-JOB STARTED/ENDED DURING WEEK</li> <li>4 USU. FT-VACATION/PERSONAL DAY</li> <li>5 USU. FT-OWN ILLNESS/INJURY/MEDICAL APPOINTMENT</li> <li>6 USU. FT-HOLIDAY (RELIGIOUS OR LEGAL)</li> <li>7 USU. FT-CHILD CARE PROBLEMS</li> <li>8 USU. FT-OTHER FAM/PERS OBLIGATIONS</li> <li>9 USU. FT-LABOR DISPUTE</li> <li>10 USU. FT-WEATHER AFFECTED JOB</li> <li>11 USU. FT-SCHOOL/TRAINING</li> <li>12 USU. FT-CIVIC/MILITARY DUTY</li> <li>13 USU. FT-OTHER REASON</li> <li>14 USU. PT-SLACK WORK/BUSINESS CONDITIONS</li> <li>15 USU. PT-COULD ONLY FIND PT WORK</li> <li>16 USU. PT-SEASONAL WORK</li> <li>17 USU. PT-CHILD CARE PROBLEMS</li> <li>18 USU. PT-OTHER FAM/PERS OBLIGATIONS</li> <li>19 USU. PT-HEALTH/MEDICAL LIMITATIONS</li> <li>20 USU. PT-SCHOOL/TRAINING</li> <li>21 USU. PT-RETIRED/S.S. LIMIT ON EARNINGS</li> <li>22 USU. PT-WORKWEEK &lt;35 HOURS</li> <li>23 USU. PT-OTHER REASON</li> </ol> | 405 - 406 |
| PRUNEDUR | 3    | <p>DURATION OF UNEMPLOYMENT FOR<br/>LAYOFF AND LOOKING RECORDS</p> <p>EDITED UNIVERSE: PEMLR = 3-4</p> <p><u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> <li>0 MIN VALUE</li> <li>119 MAX VALUE</li> </ol> <p>Topcoded consistent with PELAYDUR or PELKDUR,<br/>as appropriate, starting April 2011.</p>  | 407 - 409 |
| FILLER   | 2    |  | 410 - 411 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PRUNTYPE | 2    | REASON FOR UNEMPLOYMENT<br><br>EDITED UNIVERSE: PEMLR = 3-4<br><br><u>VALID ENTRIES</u><br><br>1    JOB LOSER/ON LAYOFF<br>2    OTHER JOB LOSER<br>3    TEMPORARY JOB ENDED<br>4    JOB LEAVER<br>5    RE-ENTRANT<br>6    NEW-ENTRANT   | 412 - 413 |
| PRWKSCH  | 2    | LABOR FORCE BY TIME<br>WORKED OR LOST<br><br>EDITED UNIVERSE: PEMLR = 1 - 7<br><br><u>VALID ENTRIES</u><br><br>0    NOT IN LABOR FORCE<br>1    AT WORK<br>2    WITH JOB, NOT AT WORK<br>3    UNEMPLOYED, SEEKS FT<br>4    UNEMPLOYED, SEEKS PT  | 414 - 415 |
| PRWKSTAT | 2    | FULL/PART-TIME WORK STATUS<br><br>EDITED UNIVERSE: PEMLR = 1-7<br><br><u>VALID ENTRIES</u><br><br>1    NOT IN LABOR FORCE<br>2    FT HOURS (35+), USUALLY FT<br>3    PT FOR ECONOMIC REASONS, USUALLY FT<br>4    PT FOR NON-ECONOMIC REASONS, USUALLY FT<br>5    NOT AT WORK, USUALLY FT<br>6    PT HRS, USUALLY PT FOR ECONOMIC REASONS<br>7    PT HRS, USUALLY PT FOR NON-ECONOMIC REASONS<br>8    FT HOURS, USUALLY PT FOR ECONOMIC REASONS<br>9    FT HOURS, USUALLY PT FOR NON-ECONOMIC<br>10   NOT AT WORK, USUALLY PART-TIME<br>11   UNEMPLOYED FT<br>12   UNEMPLOYED PT | 416 - 417 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PRWNTJOB | 2    | NILF RECODE - WANT A JOB OR OTHER NILF<br><br>EDITED UNIVERSE:   PEMLR = 5-7<br><br><u>VALID ENTRIES</u><br><br>1   WANT A JOB<br>2   OTHER NOT IN LABOR FORCE   | 418 - 419 |
| PUJHCK3  | 2    | JOB HISTORY CHECK ITEM<br><br><u>VALID ENTRIES</u><br><br>1   IF I-MLR EQ 3 OR 4 THEN GOTO PUJHDP1<br>2   ALL OTHERS GOTO PUJHRSN  | 420 - 421 |
| PUJHCK4  | 2    | SCREEN FOR DEPENDENT NILF<br><br><u>VALID ENTRIES</u><br><br>1   IF ENTRY OF 2, D OR R IN PUDW4WK OR IN PUJHDP10<br>THEN GOTO PUJHCK5<br>2   IF ENTRY OF 1 IN PUDW4WK OR IN PUJHDP10<br>THEN GOTO PUIO1INT<br>3   IF I-MLR EQUALS 1 OR 2 AND ENTRY IN<br>PUJHRSN THEN GOTO PUJHCK5<br>4   IF ENTRY IN PUJHRSN THEN GOTO PUIO1INT<br>5   ALL OTHERS GOTO PUNLFCK1 | 422 - 423 |
| PUJHCK5  | 2    | SCREEN FOR DEPENDENT NILF<br><br><u>VALID ENTRIES</u><br><br>1   IF I-IO1ICR EQUALS 1 OR I-IO1OCR<br>EQUALS 1 THEN GOTO PUIO1INT<br>2   ALL OTHERS GOTO PUIOCK5  | 424 - 425 |
| PUIODP1  | 2    | LAST MONTH, IT WAS REPORTED THAT YOU<br>WORKED FOR (EMPLOYER'S NAME). DO<br>STILL WORK FOR (EMPLOYER'S NAME)<br>(AT YOUR MAIN JOB)?  | 426 - 427 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 YES
- 2 NO

|         |   |  |           |
|---------|---|--|-----------|
| PUIODP2 | 2 | HAVE THE USUAL ACTIVITIES AND DUTIES OF YOUR JOB CHANGED SINCE LAST MONTH? | 428 - 429 |
|---------|---|--|-----------|

VALID ENTRIES

- 1 YES
- 2 NO

|         |   |  |           |
|---------|---|--|-----------|
| PUIODP3 | 2 | LAST MONTH YOU WERE REPORTED AS (A/AN) (OCCUPATION) AND YOUR USUAL ACTIVITIES WERE (DESCRIPTION). IS THIS AN ACCURATE DESCRIPTION OF YOUR CURRENT JOB? | 430 - 431 |
|---------|---|--|-----------|

VALID ENTRIES

- 1 YES
- 2 NO

|          |   |  |           |
|----------|---|--|-----------|
| PEIO1COW | 2 | INDIVIDUAL CLASS OF WORKER CODE ON FIRST JOB | 432 - 433 |
|----------|---|--|-----------|

NOTE: A PEIO1COW CODE CAN BE ASSIGNED EVEN IF AN INDIVIDUAL IS NOT CURRENTLY EMPLOYED.

EDITED UNIVERSE: (PEMLR = 1-3) OR  
 (PEMLR = 4 AND PELKLWO = 1-2) OR  
 (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1))  
 OR (PEMLR = 6 AND PENLFJH = 1) OR  
 (PEMLR = 7 AND (PENLFJH = 1 OR PEJHWKO = 1))

VALID ENTRIES

- 1 GOVERNMENT - FEDERAL
- 2 GOVERNMENT - STATE
- 3 GOVERNMENT - LOCAL
- 4 PRIVATE, FOR PROFIT
- 5 PRIVATE, NONPROFIT
- 6 SELF-EMPLOYED, INCORPORATED
- 7 SELF-EMPLOYED, UNINCORPORATED
- 8 WITHOUT PAY

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

|          |   |  |           |
|----------|---|--|-----------|
| PUIO1MFG | 2 | IS THIS BUSINESS OR ORGANIZATION MAINLY<br>MANUFACTURING, RETAIL TRADE,<br>WHOLESALE TRADE, OR SOMETHING ELSE? | 434 - 435 |
|----------|---|--|-----------|

VALID ENTRIES

- 1 MANUFACTURING
- 2 RETAIL TRADE
- 3 WHOLESALE TRADE
- 4 SOMETHING ELSE

|         |   |   |           |
|---------|---|---|-----------|
| PADDING | 6 | Main Job I & O Codes moved to columns 856 - 863 | 436 - 441 |
|---------|---|---|-----------|

|          |   |  |           |
|----------|---|--|-----------|
| PEIO2COW | 2 | INDIVIDUAL CLASS OF WORKER ON<br>SECOND JOB.<br>NOTE: FOR THOSE SELF-EMPLOYED UNINCORPORATED<br>ON THEIR FIRST JOB, THIS SHOULD HAVE A RESPONSE<br>EVERY MONTH. FOR ALL OTHERS, THIS SHOULD ONLY<br>HAVE A VALUE IN OUT-GOING ROTATIONS. | 442 - 443 |
|----------|---|--|-----------|

EDITED UNIVERSE: PRIOELG = 1 and PEMJOT = 1 AND HRMIS = 4,8

VALID ENTRIES

- 1 GOVERNMENT - FEDERAL
- 2 GOVERNMENT - STATE
- 3 GOVERNMENT - LOCAL
- 4 PRIVATE, FOR PROFIT
- 5 PRIVATE, NONPROFIT
- 6 SELF-EMPLOYED, INCORPORATED
- 7 SELF-EMPLOYED, UNINCORPORATED
- 8 WITHOUT PAY

|          |   |  |           |
|----------|---|--|-----------|
| PUIO2MFG | 2 | IS THIS BUSINESS OR ORGANIZATION MAINLY<br>MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE,<br>OR SOMETHING ELSE? | 444 - 445 |
|----------|---|--|-----------|

VALID ENTRIES

- 1 MANUFACTURING
- 2 RETAIL TRADE
- 3 WHOLESALE TRADE
- 4 SOMETHING ELSE

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PADDING | 6    | Second Job I & O codes moved to columns 864 - 871  | 446 - 451 |
| PUIOCK1 | 2    | I & O CHECK ITEM 1<br>SCREEN FOR DEPENDENT I AND O   | 452 - 453 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 IF {MISCK EQ 1 OR 5)<br>OR MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7)<br>AND ENTRY OF 1 IN ABS} THEN GOTO PUIO1INT  |           |
|         |      | 2 IF (MISCK EQ 1 OR 5)<br>OR {(MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7)<br>AND ( ENTRY OF 1 IN WK OR HRCK7-C IS BLANK, 1-3)}<br>GOTO PUIO1INT   |           |
|         |      | 3 IF I-IO1NAM IS D, R OR BLANK THEN GOTO PUIO1INT  |           |
|         |      | 4 ALL OTHERS GOTO PUIODP1  |           |
| PUIOCK2 | 2    | I & O CHECK ITEM 2<br>SCREEN FOR PREVIOUS MONTHS I AND O CASES   | 454 - 455 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 IF I-IO1ICR EQ 1 THEN GOTO PUIO1IND  |           |
|         |      | 2 IF I-IO1OCR EQ 1 THEN GOTO PUIO1OCC  |           |
|         |      | 3 ALL OTHERS GOTO PUIODP2  |           |
| PUIOCK3 | 2    | I & O CHECK ITEM 3   | 456 - 457 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 IF I-IO1OCC EQUALS D, R OR BLANK THEN GOTO PUIO1OCC  |           |
|         |      | 2 IF I-IO1DT1 IS D, R OR BLANK THEN GOTO PUIO1OCC  |           |
|         |      | 3 ALL OTHERS GOTO PUIODP3  |           |
| PRIOELG | 2    | INDUSTRY AND OCCUPATION<br>ELIGIBILITY FLAG  | 458 - 459 |
|         |      | EDITED UNIVERSE: PEMLR = 1-3,<br>OR (PEMLR = 4 AND PELKLWO = 1 OR 2)<br>OR (PEMLR = 5 AND<br>(PEJHWKO = 1 OR PENLFJH=1),<br>OR (PEMLR = 6 AND PENLFJH = 1),<br>OR PEMLR = 7 AND PEJHWKO = 1) |           |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 0 NOT ELIGIBLE FOR EDIT
- 1 ELIGIBLE FOR EDIT

|        |   |  |           |
|--------|---|--|-----------|
| PRAGNA | 2 | AGRICULTURE/<br>NON-AGRICULTURE INDUSTRY | 460 - 461 |
|--------|---|--|-----------|

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

- 1 AGRICULTURAL
- 2 NON-AGRICULTURAL

|        |   |                                   |           |
|--------|---|-----------------------------------|-----------|
| PRCOW1 | 2 | CLASS OF WORKER<br>RECODE - JOB 1 | 462 - 463 |
|--------|---|-----------------------------------|-----------|

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

- 1 FEDERAL GOVT
- 2 STATE GOVT
- 3 LOCAL GOVT
- 4 PRIVATE (INCL. SELF-EMPLOYED INCORP.)
- 5 SELF-EMPLOYED, UNINCORP.
- 6 WITHOUT PAY

|        |   |                                   |           |
|--------|---|-----------------------------------|-----------|
| PRCOW2 | 2 | CLASS OF WORKER<br>RECODE - JOB 2 | 464 - 465 |
|--------|---|-----------------------------------|-----------|

EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND  
HRMIS = 4 OR 8

VALID ENTRIES

- 1 FEDERAL GOVT
- 2 STATE GOVT
- 3 LOCAL GOVT
- 4 PRIVATE (INCL. SELF-EMPLOYED INCORP.)
- 5 SELF-EMPLOYED, UNINCORP.
- 6 WITHOUT PAY



| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PRCOWPG  | 2    | COW - PRIVATE OR GOVERNMENT                                       | 466 - 467 |
|          |      | EDITED UNIVERSE: PEIO1COW = 1 - 5                                 |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 PRIVATE   |           |
|          |      | 2 GOVERNMENT  |           |
| PRDTCOW1 | 2    | DETAILED CLASS OF WORKER RECODE - JOB 1                           | 468 - 469 |
|          |      | EDITED UNIVERSE: PRIOELG = 1                                      |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 AGRI., WAGE & SALARY, PRIVATE                                   |           |
|          |      | 2 AGRI., WAGE & SALARY, GOVERNMENT                                |           |
|          |      | 3 AGRI., SELF-EMPLOYED  |           |
|          |      | 4 AGRI., UNPAID   |           |
|          |      | 5 NONAG, WS, PRIVATE, PRIVATE HHLDS                               |           |
|          |      | 6 NONAG, WS, PRIVATE, OTHER PRIVATE                               |           |
|          |      | 7 NONAG, WS, GOVT, FEDERAL  |           |
|          |      | 8 NONAG, WS, GOVT, STATE  |           |
|          |      | 9 NONAG, WS, GOVT, LOCAL  |           |
|          |      | 10 NONAG, SELF-EMPLOYED   |           |
|          |      | 11 NONAG, UNPAID  |           |
| PRDTCOW2 | 2    | DETAILED CLASS OF WORKER RECODE - JOB 2                           | 470 - 471 |
|          |      | EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND<br>HRMIS = 4 OR 8 |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 AGRI., WAGE & SALARY, PRIVATE                                   |           |
|          |      | 2 AGRI., WAGE & SALARY, GOVERNMENT                                |           |
|          |      | 3 AGRI., SELF-EMPLOYED  |           |
|          |      | 4 AGRI., UNPAID   |           |
|          |      | 5 NONAG, WS, PRIVATE, PRIVATE HHLDS                               |           |
|          |      | 6 NONAG, WS, PRIVATE, OTHER PRIVATE                               |           |
|          |      | 7 NONAG, WS, GOVT, FEDERAL  |           |
|          |      | 8 NONAG, WS, GOVT, STATE  |           |
|          |      | 9 NONAG, WS, GOVT, LOCAL  |           |
|          |      | 10 NONAG, SELF-EMPLOYED   |           |
|          |      | 11 NONAG, UNPAID  |           |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

|          |   |                                  |           |
|----------|---|----------------------------------|-----------|
| PRDTIND1 | 2 | DETAILED INDUSTRY RECODE - JOB 1 | 472 - 473 |
|----------|---|----------------------------------|-----------|

EDITED UNIVERSE:    PRIOELG = 1

VALID ENTRIES

- 1    Agriculture
- 2    Forestry, logging, fishing, hunting, and trapping
- 3    Mining
- 4    Construction
- 5    Nonmetallic mineral product manufacturing
- 6    Primary metals and fabricated metal products
- 7    Machinery manufacturing
- 8    Computer and electronic product manufacturing
- 9    Electrical equipment, appliance manufacturing
- 10    Transportation equipment manufacturing
- 11    Wood products
- 12    Furniture and fixtures manufacturing
- 13    Miscellaneous and not specified manufacturing
- 14    Food manufacturing
- 15    Beverage and tobacco products
- 16    Textile, apparel, and leather manufacturing
- 17    Paper and printing
- 18    Petroleum and coal products manufacturing
- 19    Chemical manufacturing
- 20    Plastics and rubber products
- 21    Wholesale trade
- 22    Retail trade
- 23    Transportation and warehousing
- 24    Utilities
- 25    Publishing industries (except internet)
- 26    Motion picture and sound recording industries
- 27    Broadcasting (except internet)
- 28    Internet publishing and broadcasting
- 29    Telecommunications
- 30    Internet service providers and data processing services
- 31    Other information services
- 32    Finance
- 33    Insurance
- 34    Real estate
- 35    Rental and leasing services
- 36    Professional and technical services

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | 37 Management of companies and enterprises<br>38 Administrative and support services<br>39 Waste management and remediation services<br>40 Educational services<br>41 Hospitals<br>42 Health care services, except hospitals<br>43 Social assistance<br>44 Arts, entertainment, and recreation<br>45 Accommodation<br>46 Food services and drinking places<br>47 Repair and maintenance<br>48 Personal and laundry services<br>49 Membership associations and organizations<br>50 Private households<br>51 Public administration<br>52 Armed forces   |           |
| PRDTIND2 | 2    | DETAILED INDUSTRY RECODE - JOB 2  | 474 - 475 |
|          |      | EDITED UNIVERSE:    PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 Agriculture<br>2 Forestry, logging, fishing, hunting, and trapping<br>3 Mining<br>4 Construction<br>5 Nonmetallic mineral product manufacturing<br>6 Primary metals and fabricated metal products<br>7 Machinery manufacturing<br>8 Computer and electronic product manufacturing<br>9 Electrical equipment, appliance manufacturing<br>10 Transportation equipment manufacturing<br>11 Wood products<br>12 Furniture and fixtures manufacturing<br>13 Miscellaneous and not specified manufacturing<br>14 Food manufacturing<br>15 Beverage and tobacco products<br>16 Textile, apparel, and leather manufacturing<br>17 Paper and printing<br>18 Petroleum and coal products manufacturing<br>19 Chemical manufacturing |           |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

- |    |   |
|----|---|
| 20 | Plastics and rubber products                            |
| 21 | Wholesale trade   |
| 22 | Retail trade  |
| 23 | Transportation and warehousing                          |
| 24 | Utilities   |
| 25 | Publishing industries (except internet)                 |
| 26 | Motion picture and sound recording industries           |
| 27 | Broadcasting (except internet)                          |
| 28 | Internet publishing and broadcasting                    |
| 29 | Telecommunications                                      |
| 30 | Internet service providers and data processing services |
| 31 | Other information services                              |
| 32 | Finance   |
| 33 | Insurance   |
| 34 | Real estate   |
| 35 | Rental and leasing services                             |
| 36 | Professional and technical services                     |
| 37 | Management of companies and enterprises                 |
| 38 | Administrative and support services                     |
| 39 | Waste management and remediation services               |
| 40 | Educational services                                    |
| 41 | Hospitals   |
| 42 | Health care services, except hospitals                  |
| 43 | Social assistance                                       |
| 44 | Arts, entertainment, and recreation                     |
| 45 | Accommodation   |
| 46 | Food services and drinking places                       |
| 47 | Repair and maintenance                                  |
| 48 | Personal and laundry services                           |
| 49 | Membership associations and organizations               |
| 50 | Private households                                      |
| 51 | Public administration                                   |
| 52 | Armed forces  |

|          |   |                                    |           |
|----------|---|------------------------------------|-----------|
| PRDTOCC1 | 2 | DETAILED OCCUPATION RECODE - JOB 1 | 476 - 477 |
|----------|---|------------------------------------|-----------|

EDITED UNIVERSE:    PRIOELG = 1

VALID ENTRIES

- |   |   |
|---|---|
| 1 | Management occupations                        |
| 2 | Business and financial operations occupations |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--|------|---|-----------|
|  |      | 3 Computer and mathematical science occupations<br>4 Architecture and engineering occupations<br>5 Life, physical, and social science occupations<br>6 Community and social service occupations<br>7 Legal occupations<br>8 Education, training, and library occupations<br>9 Arts, design, entertainment, sports, and media occupations<br>10 Healthcare practitioner and technical occupations<br>11 Healthcare support occupations<br>12 Protective service occupations<br>13 Food preparation and serving related occupations<br>14 Building and grounds cleaning and maintenance occupations<br>15 Personal care and service occupations<br>16 Sales and related occupations<br>17 Office and administrative support occupations<br>18 Farming, fishing, and forestry occupations<br>19 Construction and extraction occupations<br>20 Installation, maintenance, and repair occupations<br>21 Production occupations<br>22 Transportation and material moving occupations<br>23 Armed Forces |           |
| PRDTOCC2   | 2    | DETAILED OCCUPATION RECODE  | 478 - 479 |
| EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8 |      |   |           |
| <u>VALID ENTRIES</u>   |      |   |           |
|  |      | 1 Management occupations<br>2 Business and financial operations occupations<br>3 Computer and mathematical science occupations<br>4 Architecture and engineering occupations<br>5 Life, physical, and social science occupations<br>6 Community and social service occupations<br>7 Legal occupations<br>8 Education, training, and library occupations<br>9 Arts, design, entertainment, sports, and media occupations<br>10 Healthcare practitioner and technical occupations<br>11 Healthcare support occupations<br>12 Protective service occupations<br>13 Food preparation and serving related occupations  |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 14 Building and grounds cleaning and maintenance occupations<br>15 Personal care and service occupations<br>16 Sales and related occupations<br>17 Office and administrative support occupations<br>18 Farming, fishing, and forestry occupations<br>19 Construction and extraction occupations<br>20 Installation, maintenance, and repair occupations<br>21 Production occupations<br>22 Transportation and material moving occupations<br>23 Armed Forces   |           |
| PREMP    | 2    | EMPLOYED PERSONS (NON-FARM<br>& NON-PRIVATE HHLD) RECODE<br><br>EDITED UNIVERSE: PEMLR = 1 OR 2<br>AND PEIO1OCD ne 403-407, 473-484<br><br><u>VALID ENTRY</u><br><br>1 EMPLOYED PERSONS (EXC. FARM & PRIV HH)  | 480 - 481 |
| PRMJIND1 | 2    | MAJOR INDUSTRY RECODE - JOB 1<br><br>EDITED UNIVERSE: PRDTIND1 = 1-51<br><br><u>VALID ENTRIES</u><br><br>1 Agriculture, forestry, fishing, and hunting<br>2 Mining<br>3 Construction<br>4 Manufacturing<br>5 Wholesale and retail trade<br>6 Transportation and utilities<br>7 Information<br>8 Financial activities<br>9 Professional and business services<br>10 Educational and health services<br>11 Leisure and hospitality<br>12 Other services<br>13 Public administration<br>14 Armed Forces | 482 - 483 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

|          |   |                               |           |
|----------|---|-------------------------------|-----------|
| PRMJIND2 | 2 | MAJOR INDUSTRY RECODE - JOB 2 | 484 - 485 |
|----------|---|-------------------------------|-----------|

EDITED UNIVERSE: PRDTIND2 = 1-51

VALID ENTRIES

- 1 Agriculture, forestry, fishing, and hunting
- 2 Mining
- 3 Construction
- 4 Manufacturing
- 5 Wholesale and retail trade
- 6 Transportation and utilities
- 7 Information
- 8 Financial activities
- 9 Professional and business services
- 10 Educational and health services
- 11 Leisure and hospitality
- 12 Other services
- 13 Public administration
- 14 Armed Forces

|          |   |                                    |           |
|----------|---|------------------------------------|-----------|
| PRMJOCC1 | 2 | MAJOR OCCUPATION RECODE<br>- JOB 1 | 486 - 487 |
|----------|---|------------------------------------|-----------|

EDITED UNIVERSE: PRDTOCC1 = 1-46

VALID ENTRIES

- 1 Management, business, and financial occupations
- 2 Professional and related occupations
- 3 Service occupations
- 4 Sales and related occupations
- 5 Office and administrative support occupations
- 6 Farming, fishing, and forestry occupations
- 7 Construction and extraction occupations
- 8 Installation, maintenance, and repair occupations
- 9 Production occupations
- 10 Transportation and material moving occupations
- 11 Armed Forces

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PRMJOC2  | 2    | <p>MAJOR OCCUPATION RECODE<br/>- JOB 2</p> <p>EDITED UNIVERSE: PRDTOCC2 = 1-46</p> <p><u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> <li>1 Management, business, and financial occupations</li> <li>2 Professional and related occupations</li> <li>3 Service occupations</li> <li>4 Sales and related occupations</li> <li>5 Office and administrative support occupations</li> <li>6 Farming, fishing, and forestry occupations</li> <li>7 Construction and extraction occupations</li> <li>8 Installation, maintenance, and repair occupations</li> <li>9 Production occupations</li> <li>10 Transportation and material moving occupations</li> <li>11 Armed Forces</li> </ol> | 488 - 489 |
| PRMJOCGR | 2    | <p>MAJOR OCCUPATION CATEGORIES</p> <p>EDITED UNIVERSE: PRMJOC2 = 1-11</p> <p><u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> <li>1 Management, professional, and related occupations</li> <li>2 Service occupations</li> <li>3 Sales and office occupations</li> <li>4 Farming, fishing, and forestry occupations</li> <li>5 Construction, and maintenance occupations</li> <li>6 Production, transportation, and material moving occupations</li> <li>7 Armed Forces</li> </ol>  | 490 - 491 |
| PRNAGPWS | 2    | <p>NON-AGRICULTURE, PRIVATE<br/>WAGE AND SALARY WORKERS RECODE</p> <p>EDITED UNIVERSE: PRCOW1 = 1 AND<br/>PEIO1ICD ne 0170 - 0890</p> <p><u>VALID ENTRY</u></p> <ol style="list-style-type: none"> <li>1 NON-AG PRIV WAGE &amp; SALARY</li> </ol>   | 492 - 493 |



| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PRNAGWS  | 2    | NON-AGRICULTURE WAGE AND<br>SALARY WORKERS RECODE<br>EDITED UNIVERSE: PEMLR = 1-4<br>AND PRCOW = 1-4<br>AND PEIO1ICD ne 0170-0290<br><u>VALID ENTRY</u><br>1 NON-AG WAGE AND SALARY WORKERS | 494 - 495 |
| PRSJMJ   | 2    | SINGLE/MULTIPLE JOBHOLDER RECODE<br>EDITED UNIVERSE: PEMLR = 1 OR 2<br><u>VALID ENTRIES</u><br>1 SINGLE JOBHOLDER<br>2 MULTIPLE JOBHOLDER   | 496 - 497 |
| PRERELG  | 2    | EARNINGS ELIGIBILITY FLAG<br>EDITED UNIVERSE: PEMLR = 1-2 AND HRMIS = 4 OR 8<br><u>VALID ENTRIES</u><br>0 NOT ELIGIBLE FOR EDIT<br>1 ELIGIBLE FOR EDIT                                      | 498 - 499 |
| PEERNUOT | 2    | DO YOU USUALLY RECEIVE OVERTIME PAY,<br>TIPS, OR COMMISSIONS AT YOUR JOB?<br>EDITED UNIVERSE: PRERELG = 1<br><u>VALID ENTRIES</u><br>1 YES<br>2 NO  | 500 - 501 |
| PEERNPER | 2    | PERIODICITY<br>EDITED UNIVERSE: PRERELG = 1<br><u>VALID ENTRIES</u><br>1 HOURLY<br>2 WEEKLY<br>3 BI-WEEKLY  | 502 - 503 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | 4 TWICE MONTHLY<br>5 MONTHLY<br>6 ANNUALLY<br>7 OTHER – SPECIFY   |           |
| PEERNRT  | 2    | (EVEN THOUGH YOU TOLD ME IT IS EASIER<br>TO REPORT YOUR EARNINGS (PERIODICITY);<br>ARE YOU PAID AT AN HOURLY RATE ON<br>YOUR (MAIN/THIS) JOB?<br><br>EDITED UNIVERSE: PEERNPER = 2-7<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO   | 504 - 505 |
| PEERNHRY | 2    | HOURLY/NONHOURLY STATUS<br><br>EDITED UNIVERSE: PRERELG = 1<br><br><u>VALID ENTRIES</u><br><br>1 HOURLY WORKER<br>2 NONHOURLY WORKER  | 506 - 507 |
| PUERNH1C | 4    | WHAT IS YOUR HOURLY RATE OF PAY ON<br>THIS JOB, EXCLUDING OVERTIME PAY, TIPS<br>OR COMMISSION?<br>DOLLAR AMOUNT - 2 IMPLIED DECIMALS<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such<br>that PEERNHRO x PUERNH1C < or = 2884.61) | 508 - 511 |
| PEERNH2  | 4    | (EXCLUDING OVERTIME PAY, TIPS AND<br>COMMISSIONS) WHAT IS YOUR HOURLY RATE<br>OF PAY ON YOUR (MAIN/THIS) JOB?<br>DOLLAR AMOUNT - 2 IMPLIED DECIMALS<br><br>EDITED UNIVERSE: PEERNRT = 1   | 512 - 515 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

0 MIN VALUE

9999 MAX VALUE ( Subject to topcoding based on the in PEERNHRO such that  $PEERNHRO \times PEERNH2 \leq 2884.61$ )

|          |   |  |           |
|----------|---|--|-----------|
| PEERNH1O | 4 | OUT VARIABLE FOR HOURLY<br>RATE OF PAY (2 IMPLIED DECIMALS)<br>EDITED UNIVERSE: PEERNPER = 1 | 516 - 519 |
|----------|---|--|-----------|

VALID ENTRIES

0 MIN VALUE

9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that  $PEERNHRO \times PEERNHLY \leq 2884.61$ )

|          |   |  |           |
|----------|---|--|-----------|
| PRERNHLY | 4 | RECODE FOR HOURLY RATE<br>2 IMPLIED DECIMALS | 520 - 523 |
|----------|---|--|-----------|

EDITED UNIVERSE: PEERNPER = 1 OR PEERNRT = 1

VALID ENTRIES

0 MIN VALUE

9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that  $PEERNHRO \times PEERNHLY \leq 2884.61$ )

|      |   |                       |           |
|------|---|-----------------------|-----------|
| PTHR | 1 | HOURLY PAY - TOP CODE | 524 - 524 |
|------|---|-----------------------|-----------|

VALID ENTRIES

0 NOT TOPCODED

1 TOPCODED

|          |   |             |           |
|----------|---|-------------|-----------|
| PEERNHRO | 2 | USUAL HOURS | 525 - 526 |
|----------|---|-------------|-----------|

EDITED UNIVERSE: PEERNH1O = ENTRY

VALID ENTRIES

0 MIN VALUE

99 MAX VALUE

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PRERNWA | 8    | WEEKLY EARNINGS RECODE<br>2 IMPLIED DECIMALS<br><br>EDITED UNIVERSE: PRERELG = 1<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>288461 MAX VALUE                              | 527 - 534 |
| PTWK    | 1    | WEEKLY EARNINGS - TOP CODE<br><br>0 NOT TOPCODED<br>1 TOPCODED   | 535 - 535 |
| FILLER  | 4    |  | 536 - 539 |
| PEERN   | 8    | CALCULATED WEEKLY OVERTIME AMOUNT<br>2 IMPLIED DECIMALS<br><br>EDITED UNIVERSE: PEERNUOT = 1 AND PEERNPER = 1<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>288461 MAX VALUE | 540 - 547 |
| PUERN2  | 8    | CALCULATED WEEKLY<br>OVERTIME AMOUNT<br>2 IMPLIED DECIMALS<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>288461 MAX VALUE  | 548 - 555 |
| PTOT    | 1    | WEEKLY OVERTIME AMOUNT - TOP CODE<br><br><u>VALID ENTRIES</u><br><br>0 NOT TOPCODED<br>1 TOPCODED  | 556 - 556 |
| FILLER  | 2    |  | 557 - 558 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEERNWKP | 2    | HOW MANY WEEKS A YEAR DO YOU<br>GET PAID FOR?<br><br>EDITED UNIVERSE: PEERNPER = 6<br><br><u>VALID ENTRIES</u><br><br>01 MIN VALUE<br>52 MAX VALUE   | 559 - 560 |
| PEERNLAB | 2    | ON THIS JOB, ARE YOU A MEMBER OF A<br>LABOR UNION OR OF AN EMPLOYEE ASSOCIATION<br>SIMILAR TO A UNION?<br><br>EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2<br>AND HRMIS = 4, 8)<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO | 561 - 562 |
| PEERNCOV | 2    | ON THIS JOB ARE YOU COVERED BY A UNION<br>OR EMPLOYEE ASSOCIATION CONTRACT?<br><br>EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2<br>AND HRMIS = 4, 8)<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO                            | 563 - 564 |
| PENLFJH  | 2    | WHEN DID YOU LAST WORK AT A JOB<br>OR BUSINESS?<br><br>EDITED UNIVERSE: HRMIS = 4 OR 8 AND PEMLR = 3-7<br><br><u>VALID ENTRIES</u><br><br>1 WITHIN THE LAST 12 MONTHS<br>2 MORE THAN 12 MONTHS AGO<br>3 NEVER WORKED                 | 565 - 566 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PENLFRET | 2    | ARE YOU RETIRED FROM A JOB<br>OR BUSINESS?<br><br>EDITED UNIVERSE: PRTAGE = 50+ AND PEMLR = 3-7<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO  | 567 - 568 |
| PENLFACT | 2    | WHAT BEST DESCRIBES YOUR SITUATION AT<br>THIS TIME? FOR EXAMPLE, ARE YOU DISABLED,<br>ILL, IN SCHOOL, TAKING CARE OF HOUSE OR<br>FAMILY, OR SOMETHING ELSE?<br><br>EDITED UNIVERSE: (PRTAGE = 14-49) or (PENLFRET = 2)<br><br><u>VALID ENTRIES</u><br><br>1 DISABLED<br>2 ILL<br>3 IN SCHOOL<br>4 TAKING CARE OF HOUSE OR FAMILY<br>5 IN RETIREMENT<br>6 SOMETHING ELSE/OTHER | 569 - 570 |
| PUNLFCK1 | 2    | NOT IN LABOR FORCE<br>CHECK ITEM - 1<br><br><u>VALID ENTRIES</u><br><br>1 IF AGERNG EQUALS 1-4 OR 9<br>THEN GOTO NLFACT<br>2 ALL OTHERS GOT NLFRET  | 571 - 572 |
| PUNLFCK2 | 2    | NOT IN LABOR FORCE<br>CHECK ITEM - 2<br><br><u>VALID ENTRIES</u><br><br>1 IF MISCK EQUALS 4 OR 8 THEN GOTO NLFJH<br>2 ALL OTHERS GOTO LBFR-END  | 573 - 574 |
| PESCHENR | 2    | LAST WEEK, WERE YOU ENROLLED IN A<br>HIGH SCHOOL, COLLEGE, OR UNIVERSITY?   | 575 - 576 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | EDITED UNIVERSE: PRPERTYP = 2 and PRTAGE = 16-54  |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |
| PESCHFT  | 2    | ARE YOU ENROLLED IN SCHOOL AS A<br>FULL-TIME OR PART-TIME STUDENT?                      | 577 - 578 |
|          |      | EDITED UNIVERSE: PESCHLVL = 1, 2  |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 FULL-TIME   |           |
|          |      | 2 PART-TIME   |           |
| PESCHLVL | 2    | WOULD THAT BE HIGH SCHOOL, COLLEGE,<br>OR UNIVERSITY?                                   | 579 - 580 |
|          |      | EDITED UNIVERSE: PESCHENR = 1   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 HIGH SCHOOL   |           |
|          |      | 2 COLLEGE OR UNIVERSITY   |           |
| PRNLFSCH | 2    | NLF ACTIVITY - IN SCHOOL OR<br>NOT IN SCHOOL  | 581 - 582 |
|          |      | EDITED UNIVERSE: PENLFACT = -1 OR 1-6 AND PRTAGE = 16-24                                |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 IN SCHOOL   |           |
|          |      | 2 NOT IN SCHOOL   |           |
|          |      | PERSON'S WEIGHTS  |           |
| PWFMWGT  | 10   | FAMILY WEIGHT<br>(4 IMPLIED DECIMALS)<br>ONLY USED FOR TALLYING FAMILY CHARACTERISTICS. | 583 - 592 |
|          |      | EDITED UNIVERSE: PRPERTYP = 1-3   |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PWLWGT   | 10   | LONGITUDINAL WEIGHT<br>(4 IMPLIED DECIMALS)<br>ONLY FOUND ON ADULT RECORDS MATCHED FROM MONTH TO MONTH.<br>(USED FOR GROSS FLOWS ANALYSIS)<br><br>EDITED UNIVERSE: PRPERTYP = 2  | 593 - 602 |
| PWORWGT  | 10   | OUTGOING ROTATION WEIGHT<br>(4 IMPLIED DECIMALS)<br>USED FOR TALLYING INFORMATION COLLECTED ONLY IN<br>OUTGOING ROTATIONS (i.e., EARNINGS, 2nd JOB I & O,<br>DETAILED NILF)<br><br>EDITED UNIVERSE: PRPERTYP = 2             | 603 - 612 |
| PWSSWGT  | 10   | FINAL WEIGHT<br>(4 IMPLIED DECIMAL PLACES)<br>USED FOR MOST TABULATIONS, CONTROLLED TO<br>INDEPENDENT ESTIMATES FOR 1) STATES; 2) ORIGIN, SEX,<br>AND AGE; AND 3) AGE, RACE, AND SEX.<br><br>EDITED UNIVERSE: PRPERTYP = 1-3 | 613 - 622 |
| PWVETWGT | 10   | VETERANS WEIGHT<br>(4 IMPLIED DECIMALS)<br>USED FOR TALLYING VETERAN'S DATA ONLY, CONTROLLED TO<br>ESTIMATES OF VETERANS SUPPLIED BY VA.<br><br>EDITED UNIVERSE: PRPERTYP = 2  | 623 - 632 |
| PRCHLD   | 2    | PRESENCE OF OWN CHILDREN <18 YEARS<br>OF AGE BY SELECTED AGE GROUP<br><br>EDITED UNIVERSE: PRFAMREL = 1 or 2   | 633-634   |

#### VALID ENTRIES

- 1 NIU (Not a parent)
- 0 No own children under 18 years of age
- 1 All own children 0- 2 years of age
- 2 All own children 3- 5 years of age
- 3 All own children 6-13 years of age
- 4 All own children 14-17 years of age
- 5 Own children 0- 2 and 3- 5 years of age (none 6-17)
- 6 Own children 0- 2 and 6-13 years of age (none 3- 5 or 14-17)



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

- 7 Own children 0- 2 and 14-17 years of age (none 3-13)
- 8 Own children 3- 5 and 6-13 years of age (none 0- 2 or 14-17)
- 9 Own children 3- 5 and 14-17 years of age (none 0- 2 or 6-13)
- 10 Own children 6-13 and 14-17 years of age (none 0- 5)
- 11 Own children 0- 2, 3- 5, and 6-13 years of age (none 14-17)
- 12 Own children 0- 2, 3- 5, and 14-17 years of age (none 6-13)
- 13 Own children 0- 2, 6-13, and 14-17 years of age (none 3- 5)
- 14 Own children 3- 5, 6-13, and 14-17 years of age (none 0- 2)
- 15 Own children from all age groups

|          |   |   |         |
|----------|---|---|---------|
| PRNMCHLD | 2 | Number of own children <18 years of age | 635-636 |
|----------|---|---|---------|

EDITED UNIVERSE: PRFAMREL = 1 or 2

#### VALID ENTRIES

-1 NIU (Not a parent)

0:99 Number of own children under 18 years of age

#### ALLOCATION FLAGS

Unless otherwise noted, the values for all allocation flags are defined as described below:

#### VALID ENTRIES

- 00 VALUE - NO CHANGE
- 01 BLANK - NO CHANGE
- 02 DON'T KNOW - NO CHANGE
- 03 REFUSED - NO CHANGE
- 10 VALUE TO VALUE
- 11 BLANK TO VALUE
- 12 DON'T KNOW TO VALUE
- 13 REFUSED TO VALUE
- 20 VALUE TO LONGITUDINAL VALUE
- 21 BLANK TO LONGITUDINAL VALUE
- 22 DON'T KNOW TO LONGITUDINAL VALUE
- 23 REFUSED TO LONGITUDINAL VALUE
- 30 VALUE TO ALLOCATED VALUE LONG.
- 31 BLANK TO ALLOCATED VALUE LONG.
- 32 DON'T KNOW TO ALLOCATED VALUE LONG.
- 33 REFUSED TO ALLOCATED VALUE LONG.
- 40 VALUE TO ALLOCATED VALUE
- 41 BLANK TO ALLOCATED VALUE

| NAME      | SIZE | DESCRIPTION  | LOCATION  |
|-----------|------|--|-----------|
|           |      | 42 DON'T KNOW TO ALLOCATED VALUE                         |           |
|           |      | 43 REFUSED TO ALLOCATED VALUE                            |           |
|           |      | 50 VALUE TO BLANK  |           |
|           |      | 52 DON'T KNOW TO BLANK                                   |           |
|           |      | 53 REFUSED TO BLANK                                      |           |
| PXPDEMP1  | 2    | ALLOCATION FLAG  | 637-638   |
| PRWERNAL  | 2    | ALLOCATION FLAG  | 639 - 640 |
|           |      | WEEKLY EARNINGS RECODE (PRERNWA)<br>ALLOCATION FLAG      |           |
|           |      | EDITED UNIVERSE: PRERELG = 1                             |           |
|           |      | 00 NO ALLOCATION   |           |
|           |      | 01 ONE OR MORE COMPONENTS OF THE<br>RECODE ARE ALLOCATED |           |
| PRHERNAL  | 2    | ALLOCATION FLAG  | 641 - 642 |
|           |      | HOURLY EARNINGS RECODE (PRERNHLY)<br>ALLOCATION FLAG     |           |
|           |      | EDITED UNIVERSE: PRERNHRY = 1                            |           |
|           |      | 00 NO ALLOCATION   |           |
|           |      | 01 ONE OR MORE COMPONENT OF THE<br>RECODE ARE ALLOCATED  |           |
| HXTENURE  | 2    | ALLOCATION FLAG<br>See HETENURE note.                    | 643 - 644 |
| HXHOUSUT  | 2    | ALLOCATION FLAG  | 645 - 646 |
| HXTELHHD  | 2    | ALLOCATION FLAG  | 647 - 648 |
| HXTELA VL | 2    | ALLOCATION FLAG  | 649 - 650 |
| HXPHONEO  | 2    | ALLOCATION FLAG  | 651 - 652 |
| PXINUSYR  | 2    | ALLOCATION FLAG  | 653 - 654 |
| PXRRP     | 2    | ALLOCATION FLAG  | 655 - 656 |
| PXPARENT  | 2    | ALLOCATION FLAG  | 657 - 658 |

| NAME     | SIZE | DESCRIPTION     | LOCATION  |
|----------|------|-----------------|-----------|
| PXAGE    | 2    | ALLOCATION FLAG | 659 - 660 |
| PXMARITL | 2    | ALLOCATION FLAG | 661 - 662 |
| PXSPOUSE | 2    | ALLOCATION FLAG | 663 - 664 |
| PXSEX    | 2    | ALLOCATION FLAG | 665 - 666 |
| PXAFWHN1 | 2    | ALLOCATION FLAG | 667 - 668 |
| PXAFNOW  | 2    | ALLOCATION FLAG | 669 - 670 |
| PXEDUCA  | 2    | ALLOCATION FLAG | 671 - 672 |
| PXRACE1  | 2    | ALLOCATION FLAG | 673 - 674 |
| PXNATVTY | 2    | ALLOCATION FLAG | 675 - 676 |
| PXMNTVTY | 2    | ALLOCATION FLAG | 677 - 678 |
| PXFNTVTY | 2    | ALLOCATION FLAG | 679 - 680 |
| PXNMEMP1 | 2    | ALLOCATION FLAG | 681 - 682 |
| PXHSPNON | 2    | ALLOCATION FLAG | 683 - 684 |
| PXMLR    | 2    | ALLOCATION FLAG | 685 - 686 |
| PXRET1   | 2    | ALLOCATION FLAG | 687 - 688 |
| PXABSRSN | 2    | ALLOCATION FLAG | 689 - 690 |
| PXABSPDO | 2    | ALLOCATION FLAG | 691 - 692 |
| PXMJOT   | 2    | ALLOCATION FLAG | 693 - 694 |
| PXMJNUM  | 2    | ALLOCATION FLAG | 695 - 696 |
| PXHRUSL1 | 2    | ALLOCATION FLAG | 697 - 698 |
| PXHRUSL2 | 2    | ALLOCATION FLAG | 699 - 700 |
| PXHRFTPT | 2    | ALLOCATION FLAG | 701 - 702 |
| PXHRUSLT | 2    | ALLOCATION FLAG | 703 - 704 |

| NAME     | SIZE | DESCRIPTION     | LOCATION  |
|----------|------|-----------------|-----------|
| PXHRWANT | 2    | ALLOCATION FLAG | 705 - 706 |
| PXHRRSN1 | 2    | ALLOCATION FLAG | 707 - 708 |
| PXHRRSN2 | 2    | ALLOCATION FLAG | 709 - 710 |
| PXHRACT1 | 2    | ALLOCATION FLAG | 711 - 712 |
| PXHRACT2 | 2    | ALLOCATION FLAG | 713 - 714 |
| PXHRACTT | 2    | ALLOCATION FLAG | 715 - 716 |
| PXHRRSN3 | 2    | ALLOCATION FLAG | 717 - 718 |
| PXHRAVL  | 2    | ALLOCATION FLAG | 719 - 720 |
| PXLAYAVL | 2    | ALLOCATION FLAG | 721 - 722 |
| PXLAYLK  | 2    | ALLOCATION FLAG | 723 - 724 |
| PXLAYDUR | 2    | ALLOCATION FLAG | 725 - 726 |
| PXLAYFTO | 2    | ALLOCATION FLAG | 727 - 728 |
| PXLKM1   | 2    | ALLOCATION FLAG | 729 - 730 |
| PXLKAVL  | 2    | ALLOCATION FLAG | 731 - 732 |
| PXLKLL1O | 2    | ALLOCATION FLAG | 733 - 734 |
| PXLKLL2O | 2    | ALLOCATION FLAG | 735 - 736 |
| PXLKLWO  | 2    | ALLOCATION FLAG | 737 - 738 |
| PXLKDUR  | 2    | ALLOCATION FLAG | 739 - 740 |
| PXLKFTO  | 2    | ALLOCATION FLAG | 741 - 742 |
| PXDWWNTO | 2    | ALLOCATION FLAG | 743 - 744 |
| PXDWRSN  | 2    | ALLOCATION FLAG | 745 - 746 |
| PXDWLKO  | 2    | ALLOCATION FLAG | 747 - 748 |
| PXDWWK   | 2    | ALLOCATION FLAG | 749 - 750 |

| NAME     | SIZE | DESCRIPTION     | LOCATION  |
|----------|------|-----------------|-----------|
| PXDW4WK  | 2    | ALLOCATION FLAG | 751 - 752 |
| PXDWLKWK | 2    | ALLOCATION FLAG | 753 - 754 |
| PXDWAVL  | 2    | ALLOCATION FLAG | 755 - 756 |
| PXDWAVR  | 2    | ALLOCATION FLAG | 757 - 758 |
| PXJHWKO  | 2    | ALLOCATION FLAG | 759 - 760 |
| PXJHRSN  | 2    | ALLOCATION FLAG | 761 - 762 |
| PXJHWANT | 2    | ALLOCATION FLAG | 763 - 764 |
| PXIO1COW | 2    | ALLOCATION FLAG | 765 - 766 |
| PXIO1ICD | 2    | ALLOCATION FLAG | 767 - 768 |
| PXIO1OCD | 2    | ALLOCATION FLAG | 769 - 770 |
| PXIO2COW | 2    | ALLOCATION FLAG | 771 - 772 |
| PXIO2ICD | 2    | ALLOCATION FLAG | 773 - 774 |
| PXIO2OCD | 2    | ALLOCATION FLAG | 775 - 776 |
| PXERNUOT | 2    | ALLOCATION FLAG | 777 - 778 |
| PXERNPER | 2    | ALLOCATION FLAG | 779 - 780 |
| PXERNH1O | 2    | ALLOCATION FLAG | 781 - 782 |
| PXERNHRO | 2    | ALLOCATION FLAG | 783 - 784 |
| PXERN    | 2    | ALLOCATION FLAG | 785 - 786 |
| PXPDEMP2 | 2    | ALLOCATION FLAG | 787 - 788 |
| PXNMEMP2 | 2    | ALLOCATION FLAG | 789 - 790 |
| PXERNWKP | 2    | ALLOCATION FLAG | 791 - 792 |
| PXERNRT  | 2    | ALLOCATION FLAG | 793 - 794 |
| PXERNHRY | 2    | ALLOCATION FLAG | 795 - 796 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PXERNH2  | 2    | ALLOCATION FLAG  | 797 - 798 |
| PXERNLAB | 2    | ALLOCATION FLAG  | 799 - 800 |
| PXERNCOV | 2    | ALLOCATION FLAG  | 801 - 802 |
| PXNLFJH  | 2    | ALLOCATION FLAG  | 803 - 804 |
| PXNLFRET | 2    | ALLOCATION FLAG  | 805 - 806 |
| PXNLFACT | 2    | ALLOCATION FLAG  | 807 - 808 |
| PXSCHENR | 2    | ALLOCATION FLAG  | 809 - 810 |
| PXSCHFT  | 2    | ALLOCATION FLAG  | 811 - 812 |
| PXSCHLVL | 2    | ALLOCATION FLAG  | 813 - 814 |
| QSTNUM   | 5    | Unique household identifier. Valid only within any specific month.   | 815 - 819 |
| OCCURNUM | 2    | Unique person identifier. Valid only within any specific month.  | 820 - 821 |
| PEDIPGED | 2    | How did...get...'s high school diploma?<br><br>EDITED UNIVERSE = PEEDUCA = 39<br><br><u>VALID ENTRIES</u><br><br>1 Graduation from high school<br>2 GED or other equivalent  | 822 - 823 |
| PEHGCOMP | 2    | What was the highest grade of regular school...completed before receiving...'s GED?<br><br>EDITED UNIVERSE = PEDIPGED = 2<br><br><u>VALID ENTRIES</u><br><br>1 Less than 1st grade<br>2 1st, 2nd, 3rd, or 4th grade<br>3 5th or 6th grade<br>4 7th or 8th grade<br>5 9th grade | 824 - 825 |

| NAME      | SIZE | DESCRIPTION   | LOCATION  |
|-----------|------|---|-----------|
|           |      | 6 10th grade<br>7 11th grade<br>8 12th grade (no diploma)   |           |
| PECYC     | 2    | How many years of college credit has...completed?<br><br>EDITED UNIVERSE: PEEDUCA =40-42<br><br><u>VALID ENTRIES</u><br><br>1 Less than 1 year (includes 0 years completed)<br>2 The first or Freshman year<br>3 The second or Sophomore year<br>4 The third or Junior year<br>5 Four or more years | 826 - 827 |
| PADDING   | 6    |   | 828 - 833 |
| PXDIPGED  | 2    | ALLOCATION FLAG   | 834 - 835 |
| PXHGCCOMP | 2    | ALLOCATION FLAG   | 836 - 837 |
| PXCYC     | 2    | ALLOCATION FLAG   | 838 - 839 |
| PADDING   | 6    |   | 840 - 845 |
| PWCMPWGT  | 10   | Composited Final Weight. Used to create<br>BLS's published labor force statistics (4 implied<br>decimal places)<br><br>EDITED UNIVERSE: PRPERTYP = 2 AND<br>PRTAGE = 16+  | 846 - 855 |
| PEIO1ICD  | 4    | INDUSTRY CODE FOR PRIMARY JOB<br><br>EDITED UNIVERSE: (PEMLR = 1-3)<br>OR (PEMLR = 4 AND PELKLWO = 1-2)<br>OR (PEMLR = 5 AND (PENLFJH = 1 OR<br>PEJHWKO = 1))<br>OR (PEMLR = 6 AND PENLFJH = 1)<br>OR (PEMLR = 7 AND PEJHWKO=1)   | 856 - 859 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

0 MIN VALUE  
9999 MAX VALUE

|          |   |                                  |           |
|----------|---|----------------------------------|-----------|
| PEIO1OCD | 4 | OCCUPATION CODE FOR PRIMARY JOB. | 860 - 863 |
|----------|---|----------------------------------|-----------|

EDITED UNIVERSE: (PEMLR = 1-3)  
OR (PEMLR = 4 AND PELKLWO = 1-2)  
OR (PEMLR = 5 AND (PENLFJH = 1 OR  
PEJHWKO = 1))  
OR (PEMLR = 6 AND PENLFJH = 1)  
OR (PEMLR = 7 AND PEJHWKO = 1)

VALID ENTRIES

0 MIN VALUE  
9999 MAX VALUE

|          |   |                               |           |
|----------|---|-------------------------------|-----------|
| PEIO2ICD | 4 | INDUSTRY CODE FOR SECOND JOB. | 864 - 867 |
|----------|---|-------------------------------|-----------|

EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8

VALID ENTRIES

0 MIN VALUE  
9999 MAX VALUE

|          |   |                                 |           |
|----------|---|---------------------------------|-----------|
| PEIO2OCD | 4 | OCCUPATION CODE FOR SECOND JOB. | 868 - 871 |
|----------|---|---------------------------------|-----------|

EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8

VALID ENTRIES

0 MIN VALUE  
9999 MAX VALUE

|          |   |                                      |           |
|----------|---|--------------------------------------|-----------|
| PRIMIND1 | 2 | INTERMEDIATE INDUSTRY RECODE (JOB 1) | 872 - 873 |
|----------|---|--------------------------------------|-----------|

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

1 AGRICULTURE, FORESTRY, FISHING, and HUNTING  
2 MINING  
3 CONSTRUCTION



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

- |    |   |
|----|---|
| 4  | MANUFACTURING - DURABLE GOODS                               |
| 5  | MANUFACTURING - NON-DURABLE GOODS                           |
| 6  | WHOLESALE TRADE   |
| 7  | RETAIL TRADE  |
| 8  | TRANSPORTATION AND WAREHOUSING                              |
| 9  | UTILITIES   |
| 10 | INFORMATION   |
| 11 | FINANCE AND INSURANCE                                       |
| 12 | REAL ESTATE AND RENTAL AND LEASING                          |
| 13 | PROFESSIONAL AND TECHNICAL SERVICES                         |
| 14 | MANAGEMENT, ADMINISTRATIVE AND WASTE<br>MANAGEMENT SERVICES |
| 15 | EDUCATIONAL SERVICES  |
| 16 | HEALTH CARE AND SOCIAL SERVICES                             |
| 17 | ARTS, ENTERTAINMENT, AND RECREATION                         |
| 18 | ACCOMMODATION AND FOOD SERVICES                             |
| 19 | PRIVATE HOUSEHOLDS  |
| 20 | OTHER SERVICES, EXCEPT PRIVATE HOUSEHOLDS                   |
| 21 | PUBLIC ADMINISTRATION                                       |
| 22 | ARMED FORCES  |

|          |   |                                      |           |
|----------|---|--------------------------------------|-----------|
| PRIMIND2 | 2 | INTERMEDIATE INDUSTRY RECODE (JOB 2) | 874 - 875 |
|----------|---|--------------------------------------|-----------|

EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8

VALID ENTRIES

- |    |   |
|----|---|
| 1  | AGRICULTURE, FORESTRY, FISHING, and HUNTING                 |
| 2  | MINING  |
| 3  | CONSTRUCTION  |
| 4  | MANUFACTURING - DURABLE GOODS                               |
| 5  | MANUFACTURING - NON-DURABLE GOODS                           |
| 6  | WHOLESALE TRADE   |
| 7  | RETAIL TRADE  |
| 8  | TRANSPORTATION AND WAREHOUSING                              |
| 9  | UTILITIES   |
| 10 | INFORMATION   |
| 11 | FINANCE AND INSURANCE                                       |
| 12 | REAL ESTATE AND RENTAL AND LEASING                          |
| 13 | PROFESSIONAL AND TECHNICAL SERVICES                         |
| 14 | MANAGEMENT, ADMINISTRATIVE AND WASTE<br>MANAGEMENT SERVICES |
| 15 | EDUCATIONAL SERVICES  |
| 16 | HEALTH CARE AND SOCIAL SERVICES                             |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

- 17 ARTS, ENTERTAINMENT, AND RECREATION
- 18 ACCOMMODATION AND FOOD SERVICES
- 19 PRIVATE HOUSEHOLDS
- 20 OTHER SERVICES, EXCEPT PRIVATE HOUSEHOLDS
- 21 PUBLIC ADMINISTRATION
- 22 ARMED FORCES

|          |   |                     |           |
|----------|---|---------------------|-----------|
| PEAFWHN1 | 2 | WHEN DID YOU SERVE? | 876 - 877 |
|----------|---|---------------------|-----------|

EDITED UNIVERSE: PEAFEVER = 1

VALID ENTRIES

- 1 SEPTEMBER 2001 OR LATER
- 2 AUGUST 1990 TO AUGUST 2001
- 3 MAY 1975 TO JULY 1990
- 4 VIETNAM ERA (AUGUST 1964 TO APRIL 1975)
- 5 FEBRUARY 1955 TO JULY 1964
- 6 KOREAN WAR (JULY 1950 TO JANUARY 1955)
- 7 JANUARY 1947 TO JUNE 1950
- 8 WORLD WAR II (DECEMBER 1941 TO DECEMBER 1946)
- 9 NOVEMBER 1941 OR EARLIER

|          |   |                     |           |
|----------|---|---------------------|-----------|
| PEAFWHN2 | 2 | WHEN DID YOU SERVE? | 878 - 879 |
|----------|---|---------------------|-----------|

EDITED UNIVERSE: PEAFEVER = 1

VALID ENTRIES

- 1 SEPTEMBER 2001 OR LATER
- 2 AUGUST 1990 TO AUGUST 2001
- 3 MAY 1975 TO JULY 1990
- 4 VIETNAM ERA (AUGUST 1964 TO APRIL 1975)
- 5 FEBRUARY 1955 TO JULY 1964
- 6 KOREAN WAR (JULY 1950 TO JANUARY 1955)
- 7 JANUARY 1947 TO JUNE 1950
- 8 WORLD WAR II (DECEMBER 1941 TO DECEMBER 1946)
- 9 NOVEMBER 1941 OR EARLIER

|          |   |                     |           |
|----------|---|---------------------|-----------|
| PEAFWHN3 | 2 | WHEN DID YOU SERVE? | 880 - 881 |
|----------|---|---------------------|-----------|

EDITED UNIVERSE: PEAFEVER = 1

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 SEPTEMBER 2001 OR LATER
- 2 AUGUST 1990 TO AUGUST 2001
- 3 MAY 1975 TO JULY 1990
- 4 VIETNAM ERA (AUGUST 1964 TO APRIL 1975)
- 5 FEBRUARY 1955 TO JULY 1964
- 6 KOREAN WAR (JULY 1950 TO JANUARY 1955)
- 7 JANUARY 1947 TO JUNE 1950
- 8 WORLD WAR II (DECEMBER 1941 TO DECEMBER 1946)
- 9 NOVEMBER 1941 OR EARLIER

|          |   |                     |           |
|----------|---|---------------------|-----------|
| PEAFWHN4 | 2 | WHEN DID YOU SERVE? | 882 - 883 |
|----------|---|---------------------|-----------|

EDITED UNIVERSE: PEAFEVER = 1

VALID ENTRIES

- 1 SEPTEMBER 2001 OR LATER
- 2 AUGUST 1990 TO AUGUST 2001
- 3 MAY 1975 TO JULY 1990
- 4 VIETNAM ERA (AUGUST 1964 TO APRIL 1975)
- 5 FEBRUARY 1955 TO JULY 1964
- 6 KOREAN WAR (JULY 1950 TO JANUARY 1955)
- 7 JANUARY 1947 TO JUNE 1950
- 8 WORLD WAR II (DECEMBER 1941 TO DECEMBER 1946)
- 9 NOVEMBER 1941 OR EARLIER

|          |   |                 |           |
|----------|---|-----------------|-----------|
| PXAFEVER | 2 | ALLOCATION FLAG | 884 - 885 |
|----------|---|-----------------|-----------|

|        |   |                       |           |
|--------|---|-----------------------|-----------|
| PELNAD | 2 | LINE NUMBER OF FATHER | 886 - 887 |
|--------|---|-----------------------|-----------|

EDITED UNIVERSE: ALL

VALID ENTRIES

- 1 NO FATHER PRESENT
- 01 MIN VALUE
- 16 MAX VALUE

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PELNMOM  | 2    | LINE NUMBER OF MOTHER<br><br>EDITED UNIVERSE: ALL<br><br><u>VALID ENTRIES</u><br><br>-1 NO MOTHER PRESENT<br>01 MIN VALUE<br>16 MAX VALUE              | 888 - 889 |
| PEDADTYP | 2    | TYPE OF FATHER<br><br>EDITED UNVERSE: ALL<br><br>-1 NO FATHER PRESENT<br>01 BIOLOGICAL<br>02 STEP<br>03 ADOPTED  | 890 – 891 |
| PEMOMTYP | 2    | TYPE OF MOTHER<br><br>EDITED UNVERSE: ALL<br><br>-1 NO MOTHER PRESENT<br>01 BIOLOGICAL<br>02 STEP<br>03 ADOPTED  | 892 - 893 |
| PECOHAB  | 2    | LINE NUMBER OF COHABITING PARTNER<br><br>EDITED UNIVERSE: ALL<br><br><u>VALID ENTRIES</u><br><br>-1 NO PARTNER PRESENT<br>01 MIN VALUE<br>16 MAX VALUE | 894 - 895 |
| PXLNDAD  | 2    | ALLOCATION FLAG  | 896 - 897 |
| PXLNMOM  | 2    | ALLOCATION FLAG  | 898 - 899 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PXDADTYP | 2    | ALLOCATION FLAG   | 900 - 901 |
| PXMOMTYP | 2    | ALLOCATION FLAG   | 902 - 903 |
| PXCOHAB  | 2    | ALLOCATION FLAG   | 904 - 905 |
| PEDISEAR | 2    | IS...DEAF OR DOES...HAVE SERIOUS<br>DIFFICULTY HEARING?   | 906 - 907 |
|          |      | EDITED UNIVERSE: PRPERTYP = 2   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 Yes   |           |
|          |      | 2 No  |           |
| PEDISEYE | 2    | IS...BLIND OR DOES...HAVE SERIOUS<br>DIFFICULTY SEEING EVEN WHEN<br>WEARING GLASSES?  | 908 - 909 |
|          |      | EDITED UNIVERSE: PRPERTYP = 2   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 Yes   |           |
|          |      | 2 No  |           |
| PEDISREM | 2    | BECAUSE OF A PHYSICAL, MENTAL, OR<br>EMOTIONAL CONDITION, DOES...HAVE<br>SERIOUS DIFFICULTY CONCENTRATING,<br>REMEMBERING, OR MAKING DECISIONS? | 910 - 911 |
|          |      | EDITED UNIVERSE: PRPERTYP = 2   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 Yes   |           |
|          |      | 2 No  |           |
| PEDISPHY | 2    | DOES...HAVE SERIOUS DIFFICULTY<br>WALKING OR CLIMBING STAIRS?   | 912 - 913 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | EDITED UNIVERSE: PRPERTYP = 2   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 Yes   |           |
|          |      | 2 No  |           |
| PEDISDRS | 2    | DOES ... HAVE DIFFICULTY<br>DRESSING OR BATHING?  | 914 - 915 |
|          |      | EDITED UNIVERSE: PRPERTYP = 2   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 Yes   |           |
|          |      | 2 No  |           |
| PEDISOUT | 2    | BECAUSE OF A PHYSICAL, MENTAL, OR<br>EMOTIONAL CONDITION DOES...HAVE<br>DIFFICULTY DOING ERRANDS ALONE SUCH AS<br>VISITING A DOCTOR'S OFFICE OR SHOPPING? | 916 - 917 |
|          |      | EDITED UNIVERSE: PRPERTYP = 2   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 Yes   |           |
|          |      | 2 No  |           |
| PRDISFLG | 2    | DOES THIS PERSON HAVE ANY OF<br>THESE DISABILITY CONDITIONS?  | 918 - 919 |
|          |      | EDITED UNIVERSE: PEDISEAR OR<br>PEDISEYE OR PEDISREM, PEDISPHY OR<br>PEDISDRS OR PEDISOUT = 1   |           |
|          |      | <u>VALID ENTRIES:</u>   |           |
|          |      | 1 Yes   |           |
|          |      | 2 No  |           |

| NAME     | SIZE | DESCRIPTION                | LOCATION  |
|----------|------|----------------------------|-----------|
| PXDISEAR | 2    | ALLOCATION FLAG            | 920 – 921 |
| PXDISEYE | 2    | ALLOCATION FLAG            | 922 – 923 |
| PXDISREM | 2    | ALLOCATION FLAG            | 924 - 925 |
| PXDISPHY | 2    | ALLOCATION FLAG            | 926 - 927 |
| PXDISDRS | 2    | ALLOCATION FLAG            | 928 - 929 |
| PXDISOUT | 2    | ALLOCATION FLAG            | 930 - 931 |
| HXFAMINC | 2    | ALLOCATION FLAG            | 932 - 933 |
| PRDASIAN | 2    | DETAILED ASIAN RACE RECODE | 934 – 935 |

EDITED UNIVERSE: PTDTRACE = 4

VALID ENTRIES

1 = Asian Indian  
2 = Chinese  
3 = Filipino  
4 = Japanese  
5 = Korean  
6 = Vietnamese  
7 = Other

|          |   |   |           |
|----------|---|---|-----------|
| PEPDEMP1 | 2 | DOES THIS PERSON USUALLY HAVE ANY PAID EMPLOYEES? | 936 - 937 |
|----------|---|---|-----------|

See location 637-638 for the allocation flag.

EDITED UNIVERSE: HRMIS = 3 or 4 and  
PEIO1COW = 6 or 7

VALID ENTRIES

1 YES  
2 NO

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PTNMEMP1 | 2    | <p>EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE?</p> <p>See location 681-682 for the allocation flag.</p> <p>EDITED UNIVERSE: PEPDEMP1 = 1</p> <p><u>VALID ENTRIES</u></p> <p>01-74    Number of employees<br/> 75        75 or more employees<br/> Note that this item is topcoded at 75 employees.</p> | 938-939   |
| PEPDEMP2 | 2    | <p>DOES THIS PERSON USUALLY HAVE ANY PAID EMPLOYEES?</p> <p>See location 787-788 for the allocation flag.</p> <p>EDITED UNIVERSE: HRMIS = 3 or 4 and<br/> PEIO1COW = 6 or 7</p> <p><u>VALID ENTRIES</u></p> <p>1    YES<br/> 2    NO</p>  | 940 - 941 |
| PTNMEMP2 | 2    | <p>EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE?</p> <p>See location 789-790 for the allocation flag.</p> <p>EDITED UNIVERSE: PEPDEMP1 = 1</p> <p><u>VALID ENTRIES</u></p> <p>01-09    Number of employees<br/> 10        10 or more employees<br/> Note that this item is topcoded at 10 employees.</p> | 942 - 943 |
| PECERT1  | 2    | <p>DOES ... HAVE A <u>CURRENTLY ACTIVE</u> PROFESSIONAL CERTIFICATION OR A STATE OR INDUSTRY LICENSE?</p>   | 944-945   |



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

DO NOT INCLUDE BUSINESS LICENSES,  
SUCH AS A LIQUOR LICENSE OR  
VENDING LICENSE.

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

- 1 Yes
- 2 No

|         |   |  |         |
|---------|---|--|---------|
| PECERT2 | 2 | WERE ANY OF ...'S CERTIFICATIONS<br>OR LICENSES ISSUED BY THE<br>FEDERAL, STATE, OR LOCAL<br>GOVERNMENT? | 946-947 |
|---------|---|--|---------|

EDITED UNIVERSE: PECERT1 = 1

VALID ENTRIES

- 1 Yes
- 2 No

|         |   |   |         |
|---------|---|---|---------|
| PECERT3 | 2 | EARLIER YOU TOLD ME THAT YOU HAD<br>A CURRENTLY ACTIVE PROFESSIONAL<br>CERTIFICATION OR LICENSE. IS YOUR<br>CERTIFICATION OR LICENSE REQUIRED<br>FOR YOUR ... | 948-949 |
|---------|---|---|---------|

- a) JOB?
- b) MAIN JOB?
- c) JOB FROM WHICH YOU ARE OF LAYOFF?
- d) JOB AT WHICH YOU LAST WORKED?

EDITED UNIVERSE: PECERT2 = 1

VALID ENTRIES

- 1 Yes
- 2 No

|         |   |                 |         |
|---------|---|-----------------|---------|
| PXCERT1 | 2 | ALLOCATION FLAG | 950-951 |
|---------|---|-----------------|---------|

| NAME    | SIZE | DESCRIPTION     | LOCATION   |
|---------|------|-----------------|------------|
| PXCERT2 | 2    | ALLOCATION FLAG | 952-953    |
| PXCERT3 | 2    | ALLOCATION FLAG | 954-955    |
| FILLER  | 45   | FILLER          | 956 - 1000 |

**End of Basic CPS Portion of the Record**

## ATTACHMENT 7

### SUPPLEMENT RECORD LAYOUT Current Population Survey July 2018 CPS Tobacco Use Supplement

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PENXTPR  | 2    | Line number of person being interviewed.<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1:16 Person's Line Number   | 1001-1002 |
| PENXTPR3 | 2    | Do Not Ask: Interviewer Check Item<br>(Only take a proxy if this is the 4th callback for the self-respondent or the person will not return before closeout).<br><br>Is this a Self or Proxy response?<br><br>VALID ENTRIES:<br>-1 Not in Universe<br>1 Self<br>2 Proxy | 1003-1004 |
| PEA1     | 2    | (Have/Has)(you/name) smoked at least 100 cigarettes in (your/his/her) entire life?<br>100 cigarettes = approximately 5 packs<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No                             | 1005-1006 |

| NAME  | SIZE | DESCRIPTION   | LOCATION  |
|-------|------|---|-----------|
| PEA2  | 3    | <p>How old (were/was)(you/name) when (you/he/she) first started smoking cigarettes FAIRLY REGULARLY?<br/>FR: Fairly Regularly or Regularly refers to age when started smoking cigarettes on a routine basis as opposed to age when tried first cigarette.</p> <p>Enter 0 if never smoked regularly<br/>Enter age (1 to Age)</p> <p>VALID ENTRIES:<br/>-9 No Response<br/>-5 Never smoked regularly<br/>-3 Refused<br/>-2 Don't Know<br/>-1 Not in Universe<br/>1:99</p> | 1007-1009 |
| PEA2A | 3    | <p>You said that (you/name) never smoked regularly. How old (were/was)(you/name) the first time (you/he/she) smoked part or all of a cigarette?</p> <p>VALID ENTRIES:<br/>-9 No Response<br/>-3 Refused<br/>-2 Don't Know<br/>-1 Not in Universe<br/>1:99</p>   | 1010-1012 |
| PEA3  | 2    | <p>(Do/Does)(you/name) now smoke cigarettes every day, some days, or not at all?</p> <p>VALID ENTRIES:<br/>-9 No Response<br/>-3 Refused<br/>-2 Don't Know<br/>-1 Not in Universe<br/>1 Every_day<br/>2 Some_days<br/>3 Not_at_all</p>  | 1013-1014 |

| NAME              | SIZE | DESCRIPTION   | LOCATION  |
|-------------------|------|---|-----------|
| PTB1 <sup>i</sup> | 3    | <p>On the average, about how many cigarettes do you now smoke each day?</p> <p>FR: One pack usually equals 20 cigarettes. If converting packs to cigarettes, always verify calculation with respondent.</p> <p>Enter number of cigarettes per day: (1-99)</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1-99</li> </ul> | 1015-1017 |
| PEB1A             | 2    | <p>Would you say that, on average, you now smoke more or less than 20 cigarettes each day?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 More</li> <li>2 Less</li> <li>3 About 20 (One Pack)</li> </ul>   | 1018-1019 |
| PEB2              | 2    | <p>Do you usually smoke menthol or non-menthol cigarettes?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Menthol</li> <li>2 Non menthol</li> <li>3 No Usual Type</li> </ul>   | 1020-1021 |
| PEB5ANUM          | 2    | <p>How soon after you wake up do you typically smoke your first cigarette of the day?</p> <p>FR: If necessary, ask for best answer in minutes or hours. Enter (0) if respondent insists it varies.</p> <p>Enter Number: (0-90)</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-5 Varies</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1-90</li> </ul>         | 1022-1023 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEB5AUNT | 2    | Enter unit reported (minutes or hours)<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Minutes<br>2 Hours   | 1024-1025 |
| PEB5B    | 2    | Would you say you smoke your first cigarette of the day within the first 30 minutes?<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No<br>3 Varies                                    | 1026-1027 |
| PEBA6A   | 2    | Do you USUALLY BUY your own cigarettes?<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   | 1028-1029 |
| PEB6A    | 2    | Do you USUALLY buy your cigarettes by the pack or by the carton?<br>FR: A carton has 10 packs.<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Pack<br>2 Carton<br>3 Buy Both Packs and Cartons | 1030-1031 |

| NAME               | SIZE | DESCRIPTION  | LOCATION  |
|--------------------|------|--|-----------|
| PTB6B <sup>i</sup> | 5    | What price did you pay for the LAST PACK of cigarettes you bought? Please report the cost after using discounts or coupons.<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>00000:99999: Dollars (2 implied decimal places)  | 1032-1036 |
| PTB6C <sup>i</sup> | 6    | What price did you pay for the LAST CARTON of cigarettes you bought? Please report the cost after using discounts or coupons.<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>000000:099999: Dollars (2 implied decimal places)  | 1037-1042 |
| PEB6C4             | 2    | Did you use coupons, rebates, or any other special promotions when you bought your LAST (fill appropriate term here from B6a responses...=1 or 3 or D or R, fill "PACK"; =2, fill "CARTON") of cigarettes?<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   | 1043-1044 |
| PEB6D1             | 2    | Did you buy your LAST (fill appropriate term here from B6a responses...=1 or 3 or D or R, fill "PACK"; =2, fill "CARTON") of cigarettes in state of residence or in some other state?<br><br>VALID ENTRIES:<br>-9 No Response<br>-5 Bought Some Other Way (Internet, Other Country, Indian Reservation)<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 In Respondent's State of Residence<br>2 In Some Other State (Including DC) | 1045-1046 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

|         |   |   |           |
|---------|---|---|-----------|
| PEB6D21 | 2 | In what other state did you buy your LAST (fill appropriate term here from B6a responses ...= 1, 3, D or R, fill "PACK"; = 2, fill "CARTON") of cigarettes? | 1047-1048 |
|---------|---|---|-----------|

VALID ENTRIES:

- 9 No Response
- 3 Refused
- 2 Don't Know
- 1 Not in Universe
- 01 Alabama
- 02 Alaska
- 04 Arizona
- 05 Arkansas
- 06 California
- 08 Colorado
- 09 Connecticut
- 10 Delaware
- 11 District of Columbia
- 12 Florida
- 13 Georgia
- 15 Hawaii
- 16 Idaho
- 17 Illinois
- 18 Indiana
- 19 Iowa
- 20 Kansas
- 21 Kentucky
- 22 Louisiana
- 23 Maine
- 24 Maryland
- 25 Massachusetts
- 26 Michigan
- 27 Minnesota
- 28 Mississippi
- 29 Missouri
- 30 Montana
- 31 Nebraska
- 32 Nevada
- 33 New Hampshire
- 34 New Jersey
- 35 New Mexico
- 36 New York
- 37 North Carolina
- 38 North Dakota
- 39 Ohio
- 40 Oklahoma
- 41 Oregon
- 42 Pennsylvania
- 44 Rhode Island
- 45 South Carolina
- 46 South Dakota
- 47 Tennessee



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

48 Texas  
 49 Utah  
 50 Vermont  
 51 Virginia  
 53 Washington  
 54 West Virginia  
 55 Wisconsin  
 56 Wyoming  
 57 United States (state unknown)  
 88 Not in the U.S.

|        |   |   |           |
|--------|---|---|-----------|
| PEB6D3 | 2 | Did you buy your LAST (fill appropriate term here from B6a responses...= 1, 3, D or R, fill "PACK"; = 2, fill "CARTON") of cigarettes from an Indian reservation? | 1049-1050 |
|--------|---|---|-----------|

VALID ENTRIES:

-9 No Response  
 -3 Refused  
 -2 Don't Know  
 -1 Not in Universe  
 1 Yes  
 2 No

|          |   |   |           |
|----------|---|---|-----------|
| PEB6DOTH | 2 | Was the Other Way in which you purchased your LAST (fill appropriate term here from B6a responses ...= 1, 3, D or R, fill "PACK"; = 2 fill "CARTON") of cigarettes: | 1051-1052 |
|----------|---|---|-----------|

FR: READ the FIRST THREE CHOICES

(1) In a foreign country or a duty-free shop  
 (2) From an Indian reservation OR  
 (3) By mail-order, phone or internet  
 (4) SOME OTHER WAY (NOT READ)

VALID ENTRIES:

-9 No Response  
 -3 Refused  
 -2 Don't Know  
 -1 Not in Universe  
 1 Foreign country  
 2 Indian reservation  
 3 Mail order phone  
 4 Other way

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEB6E1   | 2    | <p>In the LAST 2 months, have you bought any SINGLE or INDIVIDUAL cigarettes?<br/>FR: Respondent may refer to it as a "loosie" or "loose out of the pack"</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't Know<br/> -1 Not in Universe<br/> 1 Yes<br/> 2 No</p>   | 1053-1054 |
| PEB6E31  | 2    | <p>Did you buy your LAST SINGLE or INDIVIDUAL cigarette in state of residence or in some other state or other country?</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -5 Bouth some other way (internet, etc.)<br/> -3 Refused<br/> -2 Don't Know<br/> -1 Not in Universe<br/> 1 In respondent's state of residence<br/> 2 In some other state (including DC)<br/> 3 In another country</p>   | 1055-1056 |
| PRB6E32A | 3    | <p>In what OTHER state or country did you buy your last SINGLE or individual cigarette?</p> <p>VALID ENTRIES:<br/> -9 No response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in universe<br/> 001 Alabama<br/> 002 Alaska<br/> 004 Arizona<br/> 005 Arkansas<br/> 006 California<br/> 008 Colorado<br/> 009 Connecticut<br/> 010 Delaware<br/> 011 District of Columbia<br/> 012 Florida<br/> 013 Georgia<br/> 015 Hawaii<br/> 016 Idaho<br/> 017 Illinois<br/> 018 Indiana<br/> 019 Iowa<br/> 020 Kansas<br/> 021 Kentucky</p> | 1057-1059 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

022 Louisiana  
 023 Maine  
 024 Maryland  
 025 Massachusetts  
 026 Michigan  
 027 Minnesota  
 028 Mississippi  
 029 Missouri  
 030 Montana  
 031 Nebraska  
 032 Nevada  
 033 New Hampshire  
 034 New Jersey  
 035 New Mexico  
 036 New York  
 037 North Carolina  
 038 North Dakota  
 039 Ohio  
 040 Oklahoma  
 041 Oregon  
 042 Pennsylvania  
 044 Rhode Island  
 045 South Carolina  
 046 South Dakota  
 047 Tennessee  
 048 Texas  
 049 Utah  
 050 Vermont  
 051 Virginia  
 053 Washington  
 054 West Virginia  
 055 Wisconsin  
 056 Wyoming  
 057 United States (state unknown)  
 066 Guam  
 073 Puerto Rico  
 078 U. S. Virgin Islands  
 096 Other U. S. Island Areas  
 100 Albania  
 102 Austria  
 103 Belgium  
 104 Bulgaria  
 105 Czechoslovakia  
 106 Denmark  
 108 Finland  
 109 France  
 110 Germany  
 116 Greece  
 117 Hungary  
 119 Ireland  
 120 Italy  
 126 Netherlands

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

127 Norway  
 128 Poland  
 129 Portugal  
 130 Azores  
 132 Romania  
 134 Spain  
 136 Sweden  
 137 Switzerland  
 138 United Kingdom  
 139 England  
 140 Scotland  
 141 Wales  
 142 Northern Ireland  
 147 Yugoslavia  
 148 Czech Republic  
 149 Slovakia  
 150 Bosnia & Herzegovina  
 151 Croatia  
 152 Macedonia  
 154 Serbia  
 156 Latvia  
 157 Lithuania  
 158 Armenia  
 159 Azerbaijan  
 160 Belarus  
 161 Georgia  
 162 Moldova  
 163 Russia  
 164 Ukraine  
 165 USSR  
 166 Europe, not specified  
 167 Kosovo  
 200 Afghanistan  
 202 Bangladesh  
 205 Myanmar (Burma)  
 206 Cambodia  
 207 China  
 208 Cyprus  
 209 Hong Kong  
 210 India  
 211 Indonesia  
 212 Iran  
 213 Iraq  
 214 Israel  
 215 Japan  
 216 Jordan  
 217 Korea  
 220 South Korea  
 222 Kuwait  
 223 Laos  
 224 Lebanon  
 226 Malaysia

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

|     |                                |  |  |
|-----|--------------------------------|--|--|
| 229 | Nepal                          |  |  |
| 231 | Pakistan                       |  |  |
| 233 | Philippines                    |  |  |
| 235 | Saudi Arabia                   |  |  |
| 236 | Singapore                      |  |  |
| 238 | Sri Lanka                      |  |  |
| 239 | Syria                          |  |  |
| 240 | Taiwan                         |  |  |
| 242 | Thailand                       |  |  |
| 243 | Turkey                         |  |  |
| 246 | Uzbekistan                     |  |  |
| 247 | Vietnam                        |  |  |
| 248 | Yemen                          |  |  |
| 249 | Asia, not specified            |  |  |
| 300 | Bermuda                        |  |  |
| 301 | Canada                         |  |  |
| 303 | Mexico                         |  |  |
| 310 | Belize                         |  |  |
| 311 | Costa Rica                     |  |  |
| 312 | El Salvador                    |  |  |
| 313 | Guatemala                      |  |  |
| 314 | Honduras                       |  |  |
| 315 | Nicaragua                      |  |  |
| 316 | Panama                         |  |  |
| 321 | Antigua and Barbuda            |  |  |
| 323 | Bahamas                        |  |  |
| 324 | Barbados                       |  |  |
| 327 | Cuba                           |  |  |
| 328 | Dominica                       |  |  |
| 329 | Dominican Republic             |  |  |
| 330 | Grenada                        |  |  |
| 332 | Haiti                          |  |  |
| 333 | Jamaica                        |  |  |
| 338 | St. Kitts--Nevis               |  |  |
| 339 | St. Lucia                      |  |  |
| 340 | St. Vincent and the Grenadines |  |  |
| 341 | Trinidad and Tobago            |  |  |
| 343 | West Indies, not specified     |  |  |
| 360 | Argentina                      |  |  |
| 361 | Bolivia                        |  |  |
| 362 | Brazil                         |  |  |
| 363 | Chile                          |  |  |
| 364 | Columbia                       |  |  |
| 365 | Ecuador                        |  |  |
| 368 | Guyana                         |  |  |
| 369 | Paraguay                       |  |  |
| 370 | Peru                           |  |  |
| 372 | Uruguay                        |  |  |
| 373 | Venezuela                      |  |  |
| 374 | South America, not specified   |  |  |
| 399 | Americas, not specified        |  |  |
| 400 | Algeria                        |  |  |

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
|        |      | 407 Cameroon   |           |
|        |      | 408 Cape Verde   |           |
|        |      | 414 Egypt  |           |
|        |      | 416 Ethiopia   |           |
|        |      | 417 Eritrea  |           |
|        |      | 421 Ghana  |           |
|        |      | 427 Kenya  |           |
|        |      | 429 Liberia  |           |
|        |      | 436 Morocco  |           |
|        |      | 440 Nigeria  |           |
|        |      | 444 Senegal  |           |
|        |      | 447 Sierra Leone   |           |
|        |      | 448 Somalia  |           |
|        |      | 449 South Africa   |           |
|        |      | 451 Sudan  |           |
|        |      | 453 Tanzania   |           |
|        |      | 457 Uganda   |           |
|        |      | 461 Zimbabwe   |           |
|        |      | 462 Africa, not specified  |           |
|        |      | 501 Australia  |           |
|        |      | 508 Fiji   |           |
|        |      | 515 New Zealand  |           |
|        |      | 523 Tonga  |           |
|        |      | 527 Samoa  |           |
|        |      | 528 Oceania, not specified   |           |
|        |      | 555 Elsewhere  |           |
| PEB6E4 | 2    | In the LAST 2 months, have you bought loose tobacco to roll-your-own cigarettes? | 1060-1061 |
|        |      | VALID ENTRIES:   |           |
|        |      | -9 No Response   |           |
|        |      | -3 Refused   |           |
|        |      | -2 Don't know  |           |
|        |      | -1 Not in Universe   |           |
|        |      | 1 Yes  |           |
|        |      | 2 No   |           |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEB7C  | 2    | <p>For how long have you smoked EVERY DAY?</p> <p>FR: Read choices 1-4</p> <p>(1) All or nearly all the years you have smoked</p> <p>(2) Most of the years you have smoked</p> <p>(3) Half of the years you have smoked, OR</p> <p>(4) Less than half the years you have smoked</p> <p>(5) IF VOLUNTEERED: LESS THAN ONE YEAR</p> <p>VALID ENTRIES:</p> <p>-9 No Response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>-1 Not in Universe</p> <p>1 All or nearly all the years you have smoked</p> <p>2 Most of the years you have smoked</p> <p>3 Half of the years you have smoked</p> <p>4 Less than half the years you have smoked</p> <p>5 Less than one year</p>                           | 1062-1063 |
| PEB7C2 | 2    | <p>Have you EVER smoked MENTHOL cigarettes for 6 months or more?</p> <p>VALID ENTRIES:</p> <p>-9 No Response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p>  | 1064-1065 |
| PEB7C3 | 2    | <p>For how long (have you smoked/did you smoke) MENTHOL cigarettes?</p> <p>FR: READ CHOICES 1-4</p> <p>(1) All or nearly all the years you have smoked</p> <p>(2) Most of the years you have smoked</p> <p>(3) half of the years you have smoked, OR</p> <p>(4) Less than half the years you have smoked.</p> <p>(5) IF VOLUNTEERED: LESS THAN ONE YEAR</p> <p>VALID ENTRIES:</p> <p>-9 No Response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>-1 Not in Universe</p> <p>1 All or nearly all the years you have smoked</p> <p>2 Most of the years you have smoked</p> <p>3 Half of the years you have smoked</p> <p>4 Less than half the years you have smoked</p> <p>5 Less than one year</p> | 1066-1067 |

| NAME                | SIZE | DESCRIPTION   | LOCATION  |
|---------------------|------|---|-----------|
| PEB8                | 2    | <p>Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Every day</li> <li>2 Some days</li> <li>3 Not at all</li> </ul>   | 1068-1069 |
| PTB9 <sup>i</sup>   | 3    | <p>Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?</p> <p>FR: One pack usually equals 20 cigarettes. If converting packs to cigarettes, always verify calculation with respondent.</p> <p>Enter number of cigarettes per day (1-99).</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1:99 Number of Cigarettes</li> </ul> | 1070-1072 |
| PEB10A              | 2    | <p>Around this time 12 MONTHS AGO, on how many of the 30 days in the month did you smoke cigarettes?</p> <p>FR: Enter 0 for none.</p> <p>Range 0-30</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-5 None</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1-30 Number of Days</li> </ul>   | 1073-1074 |
| PTB10B <sup>i</sup> | 3    | <p>On the average, on those (Fill entry B10a) days, how many cigarettes did you usually smoke each day?</p> <p>FR: We are still talking about around this time 12 months ago</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1:99 Number of Cigarettes</li> </ul>   | 1075-1077 |



| NAME               | SIZE | DESCRIPTION  | LOCATION  |
|--------------------|------|--|-----------|
| PEC1               | 2    | On how many of the past 30 days did you smoke cigarettes?<br>FR: Enter (0) for none.<br><br>VALID ENTRIES:<br>-9 No Response<br>-5 None<br>-3 Refused<br>-2 Don't know<br>-1 Not in Universe<br>1:30 Number of Days          | 1078-1079 |
| PEC1I              | 2    | Would you say you smoked on AT LEAST 12 DAYS in the past 30 days?<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't know<br>-1 Not in Universe<br>1 Yes<br>2 No  | 1080-1081 |
| PTC1A <sup>i</sup> | 3    | On the average, on those (fill entry C1) days, how many cigarettes did you usually smoke each day?<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't know<br>-1 Not in Universe<br>0:99 Number of cigarettes | 1082-1084 |
| PEC2               | 2    | Do you usually smoke menthol or non-menthol cigarettes?<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't know<br>-1 Not in Universe<br>1 Menthol<br>2 Non menthol<br>3 No Usual Type                        | 1085-1086 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEC5ANUM | 2    | <p>On the days that you smoke, how soon after you wake up do you typically smoke your first cigarette of the day?<br/>FR: IF necessary, ask for best answer in minutes or hours.<br/>Enter 0 if respondent insists it varies</p> <p>Enter Number: (0-99)</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-5 Varies</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1-90 Number</li> </ul> | 1087-1088 |
| PEC5AUNT | 2    | <p>Enter minutes or hours</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Minutes</li> <li>2 Hours</li> </ul>  | 1089-1090 |
| PEC5B    | 2    | <p>On the days that you smoke, would you say you smoke your first cigarette of the day within the first 30 minutes?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> <li>3 Varies</li> </ul>   | 1091-1092 |
| PECA6A   | 2    | <p>Do you USUALLY buy your own cigarettes?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>  | 1093-1094 |

| NAME               | SIZE | DESCRIPTION   | LOCATION  |
|--------------------|------|---|-----------|
| PEC6A              | 2    | <p>Do you usually buy your cigarettes by the pack or by the carton?<br/>FR: A carton has 10 packs</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1 Pack<br/> 2 Carton<br/> 3 Buy Both Packs and Cartons</p>  | 1095-1096 |
| PTC6B <sup>i</sup> | 5    | <p>What price did you pay for the LAST PACK of cigarettes you bought? Please report the cost after using discounts or coupons.<br/>FR: Price Per Pack</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't Know<br/> -1 Not in Universe<br/> 00000:99999: Dollars (2 implied decimal places)</p>       | 1097-1101 |
| PTC6C <sup>i</sup> | 6    | <p>What price did you pay for the LAST CARTON of cigarettes you bought? Please report the cost after using discounts or coupons.<br/>FR: Price Per Carton</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't Know<br/> -1 Not in Universe<br/> 000000:999999: Dollars (2 implied decimal places)</p> | 1102-1107 |
| PEC6C4             | 2    | <p>Did you use coupons, rebates, or any other special promotions when you bought your LAST LAST (pack/carton) of cigarettes?</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't Know<br/> -1 Not in Universe<br/> 1 Yes<br/> 2 No</p>  | 1108-1109 |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PEC6D1  | 2    | <p>Did you buy your LAST (pack/carton) of cigarettes in (fill respondent's state of residence] or in some other state?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-5 Bought Some Other Way (Internet, Other Country, Indian Reservation)</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 In Respondent's State of Residence</li> <li>2 In Some Other State (Including DC)</li> </ul>   | 1110-1111 |
| PEC6D21 | 2    | <p>In what other state did you buy your LAST (pack/carton) of cigarettes?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>01 Alabama</li> <li>02 Alaska</li> <li>04 Arizona</li> <li>05 Arkansas</li> <li>06 California</li> <li>08 Colorado</li> <li>09 Connecticut</li> <li>10 Delaware</li> <li>11 District of Columbia</li> <li>12 Florida</li> <li>13 Georgia</li> <li>15 Hawaii</li> <li>16 Idaho</li> <li>17 Illinois</li> <li>18 Indiana</li> <li>19 Iowa</li> <li>20 Kansas</li> <li>21 Kentucky</li> <li>22 Louisiana</li> <li>23 Maine</li> <li>24 Maryland</li> <li>25 Massachusetts</li> <li>26 Michigan</li> <li>27 Minnesota</li> <li>28 Mississippi</li> <li>29 Missouri</li> <li>30 Montana</li> <li>31 Nebraska</li> <li>32 Nevada</li> <li>33 New Hampshire</li> <li>34 New Jersey</li> </ul> | 1112-1113 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

35 New Mexico  
 36 New York  
 37 North Carolina  
 38 North Dakota  
 39 Ohio  
 40 Oklahoma  
 41 Oregon  
 42 Pennsylvania  
 44 Rhode Island  
 45 South Carolina  
 46 South Dakota  
 47 Tennessee  
 48 Texas  
 49 Utah  
 50 Vermont  
 51 Virginia  
 53 Washington  
 54 West Virginia  
 55 Wisconsin  
 56 Wyoming  
 57 United States (state unknown)  
 88 Not in the U.S.

|        |   |   |           |
|--------|---|---|-----------|
| PEC6D3 | 2 | Did you buy your LAST (pack/carton) of cigarettes from an Indian reservation? | 1114-1115 |
|--------|---|---|-----------|

VALID ENTRIES:  
 -9 No Response  
 -3 Refused  
 -2 Don't Know  
 -1 Not in Universe  
 1 Yes  
 2 No

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEC6DOTH |      | <p>Was the “Other Way” in which you purchased your LAST (pack/carton) of cigarettes...</p> <p>FR: READ THE FIRST THREE CHOICES</p> <p>(1) In a foreign country or a duty-free shop</p> <p>(2) From an Indian reservation or</p> <p>(3) By mail-order, phone or internet</p> <p>(4) SOME OTHER WAY (NOT READ)</p> <p>VALID ENTRIES:</p> <p>-9 No Response</p> <p>-3 Refused</p> <p>-2 Don't Know</p> <p>-1 Not in Universe</p> <p>1 In a foreign country or a duty-free shop</p> <p>2 From an Indian reservation</p> <p>3 By mail-order, phone or internet</p> <p>4 Some other way</p> | 1116-1117 |
| PEC6E1   | 2    | <p>In the LAST 2 months, have you bought any SINGLE or INDIVIDUAL cigarettes?</p> <p>FR: Respondent may refer to it as a “loosie” or “loose out of the pack”</p> <p>VALID ENTRIES:</p> <p>-9 No Response</p> <p>-3 Refused</p> <p>-2 Don't Know</p> <p>-1 Not in Universe</p> <p>1 Yes, bought</p> <p>2 No, did not buy</p>   | 1118-1119 |
| PEC6E31  | 2    | <p>Did you buy your LAST SINGLE or INDIVIDUAL cigarette in (fill respondent’s state of residence) or in some other state or other country?</p> <p>VALID ENTRIES:</p> <p>-9 No Response</p> <p>-5 Bouth some other way (Internet, etc.)</p> <p>-3 Refused</p> <p>-2 Don't Know</p> <p>-1 Not in Universe</p> <p>1 In respondent’s state of residence</p> <p>2 In some other state (including DC)</p> <p>3 In another country</p>   | 1120-1121 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

|          |   |  |           |
|----------|---|--|-----------|
| PRC6E32A | 3 | In what OTHER state or other country did you buy your LAST SINGLE OR INDIVIDUAL cigarette? | 1122-1124 |
|----------|---|--|-----------|

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 001 Alabama
- 002 Alaska
- 004 Arizona
- 005 Arkansas
- 006 California
- 008 Colorado
- 009 Connecticut
- 010 Delaware
- 011 District of Columbia
- 012 Florida
- 013 Georgia
- 015 Hawaii
- 016 Idaho
- 017 Illinois
- 018 Indiana
- 019 Iowa
- 020 Kansas
- 021 Kentucky
- 022 Louisiana
- 023 Maine
- 024 Maryland
- 025 Massachusetts
- 026 Michigan
- 027 Minnesota
- 028 Mississippi
- 029 Missouri
- 030 Montana
- 031 Nebraska
- 032 Nevada
- 033 New Hampshire
- 034 New Jersey
- 035 New Mexico
- 036 New York
- 037 North Carolina
- 038 North Dakota
- 039 Ohio
- 040 Oklahoma
- 041 Oregon
- 042 Pennsylvania
- 044 Rhode Island
- 045 South Carolina
- 046 South Dakota
- 047 Tennessee
- 048 Texas

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

049 Utah  
 050 Vermont  
 051 Virginia  
 053 Washington  
 054 West Virginia  
 055 Wisconsin  
 056 Wyoming  
 057 United States (state unknown)  
 066 Guam  
 073 Puerto Rico  
 078 U. S. Virgin Islands  
 096 Other U. S. Island Areas  
 100 Albania  
 102 Austria  
 103 Belgium  
 104 Bulgaria  
 105 Czechoslovakia  
 106 Denmark  
 108 Finland  
 109 France  
 110 Germany  
 116 Greece  
 117 Hungary  
 119 Ireland  
 120 Italy  
 126 Netherlands  
 127 Norway  
 128 Poland  
 129 Portugal  
 130 Azores  
 132 Romania  
 134 Spain  
 136 Sweden  
 137 Switzerland  
 138 United Kingdom  
 139 England  
 140 Scotland  
 141 Wales  
 142 Northern Ireland  
 147 Yugoslavia  
 148 Czech Republic  
 149 Slovakia  
 150 Bosnia & Herzegovina  
 151 Croatia  
 152 Macedonia  
 154 Serbia  
 156 Latvia  
 157 Lithuania  
 158 Armenia  
 159 Azerbaijan  
 160 Belarus  
 161 Georgia



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

162 Moldova  
 163 Russia  
 164 Ukraine  
 165 USSR  
 166 Europe, not specified  
 167 Kosovo  
 200 Afghanistan  
 202 Bangladesh  
 205 Myanmar (Burma)  
 206 Cambodia  
 207 China  
 208 Cyprus  
 209 Hong Kong  
 210 India  
 211 Indonesia  
 212 Iran  
 213 Iraq  
 214 Israel  
 215 Japan  
 216 Jordan  
 217 Korea  
 220 South Korea  
 222 Kuwait  
 223 Laos  
 224 Lebanon  
 226 Malaysia  
 229 Nepal  
 231 Pakistan  
 233 Philippines  
 235 Saudi Arabia  
 236 Singapore  
 238 Sri Lanka  
 239 Syria  
 240 Taiwan  
 242 Thailand  
 243 Turkey  
 246 Uzbekistan  
 247 Vietnam  
 248 Yemen  
 249 Asia, not specified  
 300 Bermuda  
 301 Canada  
 303 Mexico  
 310 Belize  
 311 Costa Rica  
 312 El Salvador  
 313 Guatemala  
 314 Honduras  
 315 Nicaragua  
 316 Panama  
 321 Antigua and Barbuda  
 323 Bahamas

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

324 Barbados  
 327 Cuba  
 328 Dominica  
 329 Dominican Republic  
 330 Grenada  
 332 Haiti  
 333 Jamaica  
 338 St. Kitts--Nevis  
 339 St. Lucia  
 340 St. Vincent and the Grenadines  
 341 Trinidad and Tobago  
 343 West Indies, not specified  
 360 Argentina  
 361 Bolivia  
 362 Brazil  
 363 Chile  
 364 Columbia  
 365 Ecuador  
 368 Guyana  
 369 Paraguay  
 370 Peru  
 372 Uruguay  
 373 Venezuela  
 374 South America, not specified  
 399 Americas, not specified  
 400 Algeria  
 407 Cameroon  
 408 Cape Verde  
 414 Egypt  
 416 Ethiopia  
 417 Eritrea  
 421 Ghana  
 427 Kenya  
 429 Liberia  
 436 Morocco  
 440 Nigeria  
 444 Senegal  
 447 Sierra Leone  
 448 Somalia  
 449 South Africa  
 451 Sudan  
 453 Tanzania  
 457 Uganda  
 461 Zimbabwe  
 462 Africa, not specified  
 501 Australia  
 508 Fiji  
 515 New Zealand  
 523 Tonga  
 527 Samoa  
 528 Oceania, not specified  
 555 Elsewhere

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEC6E4 | 2    | <p>In the LAST 2 months, have you bought loose tobacco to roll-your-own cigarettes?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>  | 1125-1126 |
| PEC7A  | 2    | <p>Have you EVER smoked cigarettes EVERY DAY for at least 6 months?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>  | 1127-1128 |
| PEC7D  | 2    | <p>For how long did you smoke EVERY DAY?</p> <p>FR: Read Choices 1-4</p> <ul style="list-style-type: none"> <li>(1) All or nearly all the years you have smoked</li> <li>(2) Most of the years you have smoked</li> <li>(3) Half of the years you have smoked, OR</li> <li>(4) Less than half the years you have smoked</li> <li>(5) IF VOLUNTEERED: LESS THAN ONE YEAR</li> </ul> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 All or nearly all the years you have smoked</li> <li>2 Most of the years you have smoked</li> <li>3 Half of the years you have smoked</li> <li>4 Less than half the years you have smoked</li> <li>5 Less than one year</li> </ul> | 1129-1130 |
| PEC7D2 | 2    | <p>Have you EVER smoked MENTHOL cigarettes for 6 months or more?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> </ul>   | 1131-1132 |

| NAME               | SIZE | DESCRIPTION   | LOCATION  |
|--------------------|------|---|-----------|
| PEC7D3             |      | <p>2 No</p> <p>For how long (have you smoked/did you smoke) MENTHOL cigarettes?</p> <p>FR: READ CHOICES 1-4</p> <p>(1) All or nearly all the years you have smoked</p> <p>(2) Most of the years you have smoked</p> <p>(3) Half of the years you have smoked, OR</p> <p>(4) Less than half the years you have smoked</p> <p>(5) IF VOLUNTEERED: LESS THAN ONE YEAR</p> <p>VALID ENTRIES:</p> <p>-9 No Response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>-1 Not in Universe</p> <p>1 All or nearly all the years you have smoked</p> <p>2 Most of the years you have smoked</p> <p>3 Half of the years you have smoked</p> <p>4 Less than half the years you have smoked.</p> <p>5 Less than one year</p> | 1133-1134 |
| PTC7E <sup>i</sup> | 2    | <p>When you last smoked every day, on average how many cigarettes did you smoke each day?</p> <p>FR: Enter number of cigarettes each day (1-99)</p> <p>VALID ENTRIES:</p> <p>-9 No Response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>-1 Not in Universe</p> <p>1:99: Number of Cigarettes</p>  | 1135-1136 |
| PEC8               | 2    | <p>Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?</p> <p>VALID ENTRIES:</p> <p>-9 No Response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>-1 Not in Universe</p> <p>1 Every day</p> <p>2 Some days</p> <p>3 Not at all</p>  | 1137-1138 |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PTC9i   | 3    | <p>Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?</p> <p>FR: One pack usually equals 20 cigarettes. If converting packs to cigarettes, always verify calculation with respondent.</p> <p>Enter number of cigarettes per day (1-99).</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> </ul> <p>1:99 Number of Cigarettes</p> | 1139-1141 |
| PEC10A  | 2    | <p>Around this time 12 MONTHS AGO, on how many of the 30 days in the month did you smoke cigarettes?</p> <p>FR: Enter (0) for none.</p> <p>Range 0-30</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-5 None</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> </ul> <p>1-30 Number of Days</p>   | 1142-1143 |
| PTC10Bi | 3    | <p>On the average, on those (fill entry C10a), how many cigarettes did you usually smoke each day?</p> <p>FR: We are still talking about around this time 12 months ago.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-5 None</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> </ul> <p>1-99 Number of Cigarettes</p>  | 1144-1146 |
| PEDA    | 2    | <p>During the PAST 12 MONTHS, have you TRIED to QUIT smoking COMPLETELY?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1147-1148 |

| NAME  | SIZE | DESCRIPTION  | LOCATION  |
|-------|------|--|-----------|
| PEDB  | 2    | <p>Have you EVER TRIED to QUIT smoking COMPLETELY?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>  | 1149-1150 |
| PED1R | 2    | <p>During the past 12 months, have you stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1151-1152 |
| PED3  | 2    | <p>How many TIMES during the past 12 months have you stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?</p> <p>READ CHOICES</p> <ul style="list-style-type: none"> <li>(1) Once (1 time)</li> <li>(2) 2-3 times</li> <li>(3) 4 or more times</li> </ul> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Once (1 time)</li> <li>2 2-3 times</li> <li>3 4 or more times</li> </ul> | 1153-1154 |
| PED3B | 2    | <p>Would you say that during the past 12 months it was MORE THAN 3 TIMES that you...<i>[fill</i> “have stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?” IF D3 = D, R; <i>fill</i> “TRIED to QUIT smoking COMPLETELY?” IF Da = 1]</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1155-1156 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PED6NUM  | 2    | <p>During the PAST 12 MONTHS, what is the LENGTH of time of this single quit attempt where you stopped smoking because you were TRYING to quit smoking?</p> <p>FR NOTE: IF QUIT ATTEMPT BEGAN MORE THAN 12 MONTHS AGO BUT ENDED WITHIN THE PAST 12 MONTHS, COUNT ALL OF IT.</p> <p>ENTER NUMBER (1 - 99)</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1-90 Number of</li> </ul> | 1157-1158 |
| PED6UNT  | 2    | <p>Enter unit reported: days, weeks, months, year</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Days</li> <li>2 Weeks</li> <li>3 Months</li> <li>4 Years</li> </ul>  | 1159-1160 |
| PED6B    | 2    | <p>Was it more or less than one week?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 More</li> <li>2 Less</li> <li>3 One week</li> </ul>  | 1161-1162 |
| PED6CNUM | 2    | <p>Thinking of those attempts during the past 12 months, what was the length of time of the ONE attempt that lasted the longest?</p> <p>FR NOTE: IF QUIT ATTEMPT BEGAN MORE THAN 12 MONTHS AGO BUT ENDED WITHIN THE PAST 12 MONTHS, COUNT ALL OF IT.</p> <p>ENTER NUMBER (1 - 99)</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1-90 Number of</li> </ul>                        | 1163-1164 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PED6CUNT | 2    | Enter unit reported: days, weeks, months, year<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't know<br>-1 Not in Universe<br>1 Days<br>2 Weeks<br>3 Months<br>4 Years   | 1165-1166 |
| PED6C2   | 2    | Was it more or less than one week?<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't know<br>-1 Not in Universe<br>1 More<br>2 Less<br>3 One week   | 1167-1168 |
| PED7R    | 2    | DURING THE PAST 12 MONTHS, have you made a serious attempt to stop smoking because you were TRYING to quit - even if you stopped for less than a day?<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't know<br>-1 Not in Universe<br>1 Yes<br>2 No | 1169-1170 |
| PED8R    | 2    | Have you EVER made a serious attempt to stop smoking because you were TRYING to quit – even if you stopped for less than a day?<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't know<br>-1 Not in Universe<br>1 Yes<br>2 No                       | 1171-1172 |



| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEE1A123 | 2    | <p>Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months:<br/>Did you use ANY of the following PRODUCTS:</p> <p>A NICOTINE ... patch, gum, lozenge, nasal spray or inhaler?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>                       | 1173-1174 |
| PEE1A7AB | 2    | <p>Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months:<br/>Did you use ANY of the following PRODUCTS:</p> <p>A prescription pill, called Chantix, Varenicline, Zyban, Bupropion, or Wellbutrin</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul> | 1175-1176 |
| PEE1B1   | 2    | <p>Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months:<br/>Did you use ANY of the following:</p> <p>A telephone help line or quit line?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>  | 1177-1178 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEE1B2 | 2    | <p>Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months:<br/>Did you use ANY of the following:</p> <p>One-on-one IN-PERSON counseling by a health professional</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1 Yes<br/> 2 No</p>                                       | 1179-1180 |
| PEE1B3 | 2    | <p>Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months:<br/>Did you use ANY of the following:</p> <p>A stop smoking clinic, class, or support group</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1 Yes<br/> 2 No</p>   | 1181-1182 |
| PEE1B5 | 2    | <p>Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months:<br/>Did you use ANY of the following:</p> <p>Internet or a web-based program or tool including smartphone apps and text messaging programs?</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1 Yes<br/> 2 No</p> | 1183-1184 |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PEE1C2  | 2    | <p>The (LAST TIME / time) you tried to QUIT smoking in the past 12 months: Did you do ANY of the following:</p> <p>Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff or snus?<br/>FR NOTE: Snus is pronounced as snoose, rhymes with goose.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1185-1186 |
| PEE1C2B | 2    | <p>The (LAST TIME / time) you tried to QUIT smoking in the past 12 months: Did you do ANY of the following:</p> <p>Try to quit by SWITCHING to regular cigars, cigarillos, little filtered cigars or any pipes filled with tobacco?<br/>FR NOTE: If asked any pipes filled with tobacco includes either or both regular/traditional pipes and water or hookah pipes - as long as they are filled with tobacco.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul> | 1187-1188 |
| PEE1C2C | 2    | <p>The (LAST TIME / time) you tried to QUIT smoking in the past 12 months: Did you do ANY of the following:</p> <p>Try to quit by SWITCHING to electronic or E-cigarettes? You may also know them as vape-pens, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (<i>PRONOUNCED LIKE "JEWEL"</i>).</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>  | 1189-1190 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEE1C2D1 | 2    | <p>Did you switch to?<br/>Cigars, cigarillos, little filtered cigars.</p> <p>VALID ENTRIES:<br/>-9 No Response<br/>-3 Refused<br/>-2 Don't know<br/>-1 Not in Universe<br/>1 Yes<br/>2 No</p>  | 1191-1192 |
| PEE1C2D2 | 2    | <p>Did you switch to?<br/>Regular pipes filled with tobacco.</p> <p>VALID ENTRIES:<br/>-9 No Response<br/>-3 Refused<br/>-2 Don't know<br/>-1 Not in Universe<br/>1 Yes<br/>2 No</p>   | 1193-1194 |
| PEE1C2D3 | 2    | <p>Did you switch to?<br/>Water or hookah (pronounced who-kah) pipes filled with tobacco.</p> <p>VALID ENTRIES:<br/>-9 No Response<br/>-3 Refused<br/>-2 Don't know<br/>-1 Not in Universe<br/>1 Yes<br/>2 No</p>  | 1195-1196 |
| PEE1CZ2C | 2    | <p>The (LAST TIME/ time) you tried to quit smoking in the past 12 months, did you try to quit by SWITCHING to electronic or E-cigarettes? You may also know them as vape-pens, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (<i>PRONOUNCED LIKE "JEWEL"</i>).</p> <p>VALID ENTRIES:<br/>-9 No Response<br/>-3 Refused<br/>-2 Don't know<br/>-1 Not in Universe<br/>1 Yes<br/>2 No</p> | 1197-1198 |

| NAME  | SIZE | DESCRIPTION   | LOCATION  |
|-------|------|---|-----------|
| PEF1A | 2    | <p>In the PAST 12 MONTHS have you SEEN a medical doctor?<br/> FR NOTE: Respondents should answer YES if they visited their<br/> doctor for any medical reason (not only for smoking related reasons).</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1 Yes<br/> 2 No</p> | 1199-1200 |
| PEF1B | 2    | <p>During the PAST 12 MONTHS, did any medical doctor<br/> ADVISE you to stop smoking?</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1 Yes<br/> 2 No</p>   | 1201-1202 |
| PEG1  | 2    | <p>Are you seriously considering quitting smoking<br/> within the next 6 months?</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1 Yes<br/> 2 No</p>  | 1203-1204 |
| PEG2  | 2    | <p>Are you planning to quit within the next 30 days?</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1 Yes<br/> 2 No</p>  | 1205-1206 |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PEG3    | 2    | Overall, on a scale from 1 to 10 where 1 is NOT AT ALL interested and 10 is EXTREMELY interested, how interested are you in quitting smoking?<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't know<br>-1 Not in Universe<br>1:10 Number  | 1207-1208 |
| PEG4    | 2    | If you did try to quit smoking altogether in the next 6 months, how LIKELY do you think you would be to succeed --- not at all, a little likely, somewhat likely or very likely?<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't know<br>-1 Not in Universe<br>1 Not at all<br>2 A little likely<br>3 Somewhat likely<br>4 Very likely | 1209-1210 |
| PEH1NUM |      | About how long has it been since you COMPLETELY quit smoking cigarettes?<br><br>Enter Number. 1-99<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't know<br>-1 Not in Universe<br>1:99 Number   | 1211-1212 |
| PEH1UNT | 2    | Enter Unit Reported.<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't know<br>-1 Not in Universe<br>1 Days<br>2 Weeks<br>3 Months<br>4 Years  | 1213-1214 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEH1B    | 2    | <p>In the PAST 12 months, was [duration from H1NUM/UNT] the longest time you stopped smoking cigarettes because you were trying to quit?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>        | 1215-1216 |
| PEH1CNUM | 2    | <p>During the PAST 12 MONTHS, what WAS the LONGEST length of time you stopped smoking because you were TRYING to quit smoking</p> <p>Enter Number. 1-99</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1:99 Number</li> </ul> | 1217-1218 |
| PEH1CUNT | 2    | <p>Enter Unit Reported.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Days</li> <li>2 Weeks</li> <li>3 Months</li> <li>4 Years</li> </ul>  | 1219-1220 |
| PEH2     | 2    | <p>Have you EVER smoked cigarettes EVERY DAY for at least 6 months?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1221-1222 |

| NAME  | SIZE | DESCRIPTION  | LOCATION  |
|-------|------|--|-----------|
| PEH5  | 2    | <p>For how long did you smoke EVERY DAY?</p> <p>FR: READ FIRST 4 CHOICES</p> <p>(1) All or nearly all the years you have smoked</p> <p>(2) Most of the years you have smoked</p> <p>(3) Half of the years you have smoked, or</p> <p>(4) Less than half the years you have smoked</p> <p>(5) IF VOLUNTEERED: LESS THAN ONE YEAR</p> <p>VALID ENTRIES:</p> <p>-9 No Response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>-1 Not in Universe</p> <p>1 All or nearly all the years you have smoked</p> <p>2 Most of the years you have smoked</p> <p>3 Half of the years you have smoked</p> <p>4 Less than half the years you have smoked</p> <p>5 Less than one year (if volunteered)</p> | 1223-1224 |
| PTH5A | 2    | <p>When you last smoked every day, on average how many cigarettes did you smoke each day?</p> <p>FR: Enter Number of Cigarettes A Day. (1-99)</p> <p>VALID ENTRIES:</p> <p>-9 No Response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>-1 Not in Universe</p> <p>1:99 Number of Cigarettes</p>  | 1225-1226 |
| PEH6  | 2    | <p>Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?</p> <p>VALID ENTRIES:</p> <p>-9 No Response</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>-1 Not in Universe</p> <p>1 Everyday</p> <p>2 Some days</p> <p>3 Not at all</p>  | 1227-1228 |



| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PTH6A  | 2    | <p>Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?<br/> FR: One pack usually equals 20 Cigarettes. If converting packs to Cigarettes, always verify calculation with respondent.<br/> Enter Number of Cigarettes Per Day: 1-99</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1:99 Number of Cigarettes</p> | 1229-1230 |
| PEH6B  | 2    | <p>Around this time 12 MONTHS AGO, on how many of 30 days in the month did you smoke cigarettes?<br/> Enter 0 for None</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -5 None<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1:30 Number of days</p>  | 1231-1232 |
| PTH6C  | 2    | <p>On the average, on those (fill H6B entry) days, how many cigarettes did you usually smoke each day?<br/> FR: We are still talking about "around this time 12 months ago.</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1:99 Number of cigarettes</p>  | 1233-1234 |
| PEH6C2 | 2    | <p>We are still talking about Around this time 12 months ago<br/> Thinking back to the 12 MONTHS BEFORE YOU QUIT SMOKING CIGARETTES, during that time, did you usually smoke menthol or non-menthol cigarettes?</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1 Menthol<br/> 2 Non menthol<br/> 3 No Usual Type</p>  | 1235-1236 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEH6C4   | 2    | <p>Have you EVER smoked MENTHOL cigarettes for 6 months or more?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1237-1238 |
| PEH6C5   | 2    | <p>For how long did you smoke MENTHOL cigarettes?</p> <p>Read choices 1-4</p> <ul style="list-style-type: none"> <li>(1) All or nearly all the years you have smoked</li> <li>(2) Most of the years you have smoked</li> <li>(3) Half of the years you have smoked, or</li> <li>(4) Less than half the years you have smoked</li> <li>(5) IF VOLUNTEERED: LESS THAN ONE YEAR</li> </ul> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 All or nearly all the years you have smoked</li> <li>2 Most of the years you have smoked</li> <li>3 Half of the years you have smoked</li> <li>4 Less than half the years you have smoked</li> <li>5 Less than one year (if volunteered)</li> </ul> | 1239-1240 |
| PEH6D123 | 2    | <p>Now I would like to ask about HOW you went about completely quitting smoking. When you quit smoking completely, did you use ANY of the following PRODUCTS:</p> <p>A NICOTINE...patch, gum, lozenge, nasal spray or inhaler?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1241-1242 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEH6D7AB | 2    | <p>Now I would like to ask about HOW you went about completely quitting smoking. When you quit smoking completely, did you use ANY of the following PRODUCTS:</p> <p>A prescription pill, called Chantix, Varenicline, Zyban, Bupropion, or Wellbutrin?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul> | 1243-1244 |
| PEH6E1   | 2    | <p>When you quit smoking completely, did you use ANY of the following:</p> <p>A telephone help line or quit line?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1245-1246 |
| PEH6E2   | 2    | <p>When you quit smoking completely, did you use ANY of the following:</p> <p>One-on-one IN-PERSON counseling by a health professional?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1247-1248 |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PEH6E3  | 2    | <p>When you quit smoking completely, did you use ANY of the following:</p> <p>A stop smoking clinic, class, or support group?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1249-1250 |
| PEH6E5  | 2    | <p>When you quit smoking completely, did you use ANY of the following:</p> <p>Internet or a web-based program or tool including smartphone apps and text messaging programs?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>  | 1251-1252 |
| PEH6FA2 | 2    | <p>When you quit smoking completely, did you do ANY of the following, whether or not you think they were effective?</p> <p>Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff, or snus?</p> <p>FR: Pronounce "SNUS" to rhyme with "GOOSE"</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul> | 1253-1254 |

| NAME      | SIZE | DESCRIPTION   | LOCATION  |
|-----------|------|---|-----------|
| PEH6FA2B  | 2    | <p>When you quit smoking completely, did you do ANY of the following whether or not you think they were effective?</p> <p>Try to quit by SWITCHING to regular cigars, cigarillos, little filtered cigars or ANY pipes filled with tobacco?<br/>FR Note: If asked any pipes filled with tobacco includes either or both regular/traditional pipes and water or hookah pipes -- as long as they are filled with tobacco.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul> | 1255-1256 |
| PEH6FA2C  | 2    | <p>When you quit smoking completely, did you do ANY of the following whether or not you think they were effective?</p> <p>Try to quit by SWITCHING to electronic or E-cigarettes? You may also know them as vape-pens, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (<i>PRONOUNCED LIKE "JEWEL"</i>).</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1257-1258 |
| PEH6FA2D1 | 2    | <p>Did you switch to?<br/>Cigars, cigarillos, little filtered cigars.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>  | 1259-1260 |

| NAME      | SIZE | DESCRIPTION   | LOCATION  |
|-----------|------|---|-----------|
| PEH6FA2D2 | 2    | <p>Did you switch to?<br/>Regular pipes filled with tobacco.</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1 Yes<br/> 2 No</p>  | 1261-1262 |
| PEH6FA2D3 | 2    | <p>Did you switch to?<br/>Water or hookah (pronounced who-kah) pipes filled with tobacco.</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1 Yes<br/> 2 No</p>   | 1263-1264 |
| PEH6FAZ2C | 2    | <p>When you quit smoking completely, did you try to quit by SWITCHING to electronic or E-cigarettes?<br/>You may also know them as vape-pens, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (<i>PRONOUNCED LIKE "JEWEL"</i>).</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1 Yes<br/> 2 No</p> | 1265-1266 |
| PEH61A    | 2    | <p>In the 12 MONTHS BEFORE you COMPLETELY quit smoking, did you SEE a medical doctor?<br/>FR NOTE: Respondents should answer YES if they visited their doctor for any medical reason (not only for smoking related reasons).</p> <p>VALID ENTRIES:<br/> -9 No Response<br/> -3 Refused<br/> -2 Don't know<br/> -1 Not in Universe<br/> 1 Yes<br/> 2 No</p>  | 1267-1268 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEH61B   | 2    | <p>During the 12 MONTHS BEFORE you completely quit smoking, did any medical doctor ADVISE you to stop smoking?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1269-1270 |
| PEH8ANUM | 2    | <p>During the 12 MONTHS before you quit smoking, how soon after you woke up did you typically smoke your first cigarette of the day? FR: If necessary, ask for best answer in minutes or hours. Enter 0 if respondent insists it varies.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-5 Varies</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1:90 Number of</li> </ul> | 1271-1272 |
| PEH8AUNT | 2    | <p>Enter unit reported</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Minutes</li> <li>2 Hours</li> </ul>  | 1273-1274 |
| PEH8B    | 2    | <p>During the 12 months before you quit smoking, would you say you smoked your first cigarette of the day within the first 30 minutes of awakening?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> <li>3 Varies</li> </ul>  | 1275-1276 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEH11A | 2    | Thinking back to the 12 MONTHS BEFORE YOU COMPLETELY QUIT SMOKING CIGARETTES. During that time, DID YOU USUALLY SMOKE menthol or non-menthol cigarettes?<br><br>VALID ENTRIES:<br>-9 No response<br>-8 Not applicable due to instrument error<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Menthol<br>2 Non menthol<br>3 No Usual Type   | 1277-1278 |
| PEH11C | 2    | Have you EVER smoked MENTHOL cigarettes for 6 months or more?<br><br>VALID ENTRIES:<br>-9 No response<br>-8 Not applicable due to instrument error<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No  | 1279-1280 |
| PEH11D | 2    | For how long did you smoke MENTHOL cigarettes?<br><br>FR: READ FIRST 4 CHOICES<br>(1) All or nearly all the years you have smoked<br>(2) Most of the years you have smoked<br>(3) Half of the years you have smoked, or<br>(4) Less than half the years you have smoked<br>(5) IF VOLUNTEERED: LESS THAN ONE YEAR<br><br>VALID ENTRIES:<br>-9 No response<br>-8 Not applicable due to instrument error<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 All or nearly all the years you have smoked<br>2 Most of the years you have smoked<br>3 Half of the years you have smoked<br>4 Less than half the years you have smoked<br>5 Less than one year (if volunteered) | 1281-1282 |



| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PEJ1A1 | 2    | <p>(Have/Has) (you/name) EVER used any of the following<br/>EVEN ONE TIME?</p> <p>... A regular cigar or cigarillo OR a little filtered cigar?</p> <p>FR: Regular cigars are different from little filter cigars. They can be large cigars, or smaller in size such as cigarillos. They are usually sold individually or in packs of 2 or 3. Some common brands are Black and Mild's, Swisher Sweets cigarillos, and Phillies Blunts, but there are others.</p> <p>FR: Little filtered cigars are different from regular cigars and cigarillos. They resemble cigarettes in size, and are often sold in packs of 20. They are usually brown in color and have a spongy filter like a cigarette. Some common brands are Prime Time little filter cigars and Winchester little filter cigars, but there are others.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul> | 1283-1284 |
| PEJ1A2 | 2    | <p>(Have/Has) (you/name) EVER used any of the following<br/>EVEN ONE TIME?</p> <p>... A regular pipe filled with tobacco?</p> <p>FR: IF ASKED, pipe smoking ONLY INCLUDES PIPE TOBACCO. IT DOES NOT INCLUDE SMOKING HASHISH, MARIJUANA, CRACK, OR OTHER SUBSTANCES IN A PIPE. DO NOT INCLUDE WATER PIPES/HOOKAHS (who-kahs) OR OTHER NAMES: SHISHA, NARGHILE, ARGILEH OR HUBBLE-BUBBLE.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1285-1286 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEJ1A3   | 2    | <p>(Have/Has) (you/name) EVER used any of the following<br/>EVEN ONE TIME?</p> <p>... a water pipe or hookah (who-kah) pipe filled with tobacco?</p> <p>FR: IF ASKED, water pipe or hookah (who-kah) pipe smoking<br/>ONLY INCLUDES PIPE TOBACCO. IT DOES NOT INCLUDE<br/>SMOKING HASHISH, MARIJUANA, CRACK, OR OTHER<br/>SUBSTANCES IN A PIPE. A WATER PIPE OR HOOKAH (who-<br/>kah) PIPE IS ALSO REFERRED TO AS A SHISHA, NARGHILE,<br/>ARGILEH OR HUBBLE-BUBBLE.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>                                 | 1287-1288 |
| PEJ1A3_5 | 2    | <p>The next question is about electronic or e-cigarettes. You may also<br/>know them as vape-pens, e-hookahs, vapes or mods. Some look like<br/>cigarettes, and others look like pens or are rectangular or box-shaped.<br/>These are battery-powered, usually contain liquid nicotine, and<br/>produce vapor instead of smoke. Some popular brands include NJOY,<br/>Blu, Logic, Vuse and JUUL (<i>PRONOUNCED LIKE "JEWEL"</i>).</p> <p>(Have/Has)(you/name) EVER used E-cigarettes EVEN ONE TIME?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul> | 1289-1290 |

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PEJ1A4 | 2    | <p>The next question is about smokeless tobacco products which are used in the mouth.</p> <p>(Have/Has) (you/name) EVER used any of the following EVEN ONE TIME?</p> <p>...SMOKELESS tobacco, such as moist snuff, dip, spit, chew tobacco or snus?</p> <p>FR: <u>Snuff or dip</u> IS COMMONLY PLACED BETWEEN THE GUM AND LIP AND SOLD IN ROUND CANS IN --A LOOSE FORM OR A POUCH THAT LOOKS LIKE A SMALL TEA-BAG; COMMON BRANDS ARE SKOAL, COPENHAGEN AND GRIZZLY BUT THERE ARE OTHERS.</p> <p><u>Chewing or spit tobacco</u> (ALSO TWIST, PLUG OR SCRAP) IS USUALLY PLACED IN THE SIDE OF THE MOUTH AND CHEWED AND OFTEN SOLD IN WALLET-SIZED POUCHES; COMMON BRANDS ARE REDMAN, LEVI-GARRETT, AND BEECH-NUT, BUT THERE ARE OTHERS.</p> <p><u>Snus</u> IS A SPITLESS TOBACCO PRODUCT THAT MAY BE SOLD IN A TIN OR SLIDEPACK IN A LOOSE FORM OR IN SMALL TEABAG-LIKE POUCHES; COMMON BRANDS ARE CAMEL SNUS, MARLBORO SNUS, AND SKOAL SNUS.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul> | 1291-1292 |
| PEJ1A5 | 2    | <p>The next question is about another type of tobacco called dissolvable tobacco. You don't smoke dissolvable tobacco products--they are made of finely ground tobacco often flavored that dissolves in your mouth.</p> <p>(Have/Has)(you/name) EVER used dissolvable tobacco EVEN ONE TIME?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>  | 1293-1294 |

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PEJ2A1 | 2    | (Do you/Does name) NOW smoke regular cigars or cigarillos or little filtered cigars every day, some days or not at all?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Everyday<br>2 Some days<br>3 Not at all                    | 1295-1296 |
| PEJ2B1 | 2    | On how many of the past 30 days did you smoke regular cigars or cigarillos or little filtered cigars?<br>Enter number of days.<br>Enter (0) for none.<br><br>VALID ENTRIES:<br>-9 No response<br>-5 None<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1:30 Number of Days | 1297-1298 |
| PEJ2A2 | 2    | (Do you/Does name) NOW smoke a regular pipe every day, some days or not at all?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Everyday<br>2 Some days<br>3 Not at all  | 1299-1300 |
| PEJ2B2 | 2    | On how many of the past 30 days did you smoke a regular pipe?<br>Enter number of days.<br>Enter (0) for none.<br><br>VALID ENTRIES:<br>-9 No response<br>-5 None<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1:30 Number of Days   | 1301-1302 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEJ2A3   | 2    | (Do you/Does name) NOW use a water pipe or hookah pipe filled with tobacco every day, some days or not at all?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Everyday<br>2 Some days<br>3 Not at all                    | 1303-1304 |
| PEJ2B3   | 2    | On how many of the past 30 days did you use a water pipe or hookah pipe filled with tobacco?<br>Enter number of days.<br>Enter (0) for none.<br><br>VALID ENTRIES:<br>-9 No response<br>-5 None<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1:30 Number of Days | 1305-1306 |
| PEJ2A3_5 | 2    | (Do you/Does name) NOW use an E-cigarette every day, some days or not at all?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Everyday<br>2 Some days<br>3 Not at all   | 1307-1308 |
| PEJ2B3_5 | 2    | On how many of the past 30 days did you use an E-cigarette?<br>Enter number of days.<br>Enter (0) for none.<br><br>VALID ENTRIES:<br>-9 No response<br>-5 None<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1:30 Number of Days                                  | 1309-1310 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEJ2A4 | 2    | (Do you/Does name) NOW use smokeless tobacco such as moist snuff, dip, spit, chew tobacco or snus every day, some days or not at all?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Everyday<br>2 Some days<br>3 Not at all | 1311-1312 |
| PEJ2B4 | 2    | On how many of the past 30 days did you use smokeless tobacco? Enter number of days.<br>Enter (0) for none.<br><br>VALID ENTRIES:<br>-9 No response<br>-5 None<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1:30 Number of Days                                      | 1313-1314 |
| PEJ2A5 | 2    | (Do you/Does name) NOW use dissolvable tobacco every day, some days or not at all?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Everyday<br>2 Some days<br>3 Not at all  | 1315-1316 |
| PEJ2B5 |      | On how many of the past 30 days did you use dissolvable tobacco? Enter number of days.<br>Enter (0) for none.<br><br>VALID ENTRIES:<br>-9 No response<br>-5 None<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1:30 Number of Days                                    | 1317-1318 |

| NAME | SIZE | DESCRIPTION   | LOCATION  |
|------|------|---|-----------|
| PEJA | 2    | <p>During the past 30 days, what BRAND of smokeless tobacco (If necessary: moist snuff, dip, spit, chew or snus) did you use MOST OFTEN?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Beechnut</li> <li>2 Camel snus</li> <li>3 Cope</li> <li>4 Copenhagen</li> <li>5 General Snus</li> <li>6 Grizzly</li> <li>7 Husky</li> <li>8 Kayak</li> <li>9 Kodiak</li> <li>10 Levi Garrett</li> <li>11 Longhorn</li> <li>12 Marlboro snus</li> <li>13 Red man</li> <li>14 Red man golden blend</li> <li>15 Red Seal</li> <li>16 Skoal</li> <li>17 Skoal Snus</li> <li>18 Skoal X-tra</li> <li>19 Stoker's</li> <li>20 Timber wolf</li> <li>21 Other</li> </ul> | 1319-1320 |
| PEJB | 2    | <p>During the PAST 30 days, what type of CIGAR did you use MOST OFTEN?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Regular</li> <li>2 Cigarillos</li> <li>3 Little filtered cigars</li> </ul>   | 1321-1322 |

| NAME      | SIZE | DESCRIPTION  | LOCATION  |
|-----------|------|--|-----------|
| PEJC      | 2    | <p>During the PAST 30 days, what BRAND of CIGAR did you smoke MOST OFTEN?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 305'S</li> <li>2 Al Capone</li> <li>3 Antonio Y Cleopatra</li> <li>4 Backwoods</li> <li>5 Black and Milds</li> <li>6 Cheyenne</li> <li>7 Djarum</li> <li>8 Dutch Masters</li> <li>9 Garcia Y Vega</li> <li>10 Good_ times</li> <li>11 Hav A-Tampa</li> <li>12 Phillies</li> <li>13 Prime time</li> <li>14 Sante fe</li> <li>15 Smoker's Choice</li> <li>16 Swisher Sweets</li> <li>17 White Cat</li> <li>18 White Owl</li> <li>19 Zig Zag</li> <li>20 Other</li> </ul> | 1323-1324 |
| PEJNFLVIN | 2    | <p>Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Continue</li> </ul>   | 1325-1326 |
| PEJNFLVR1 | 2    | <p>Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors. When you smoke a cigar is it usually flavored?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1327-1328 |



| NAME      | SIZE | DESCRIPTION   | LOCATION  |
|-----------|------|---|-----------|
| PEJNFLA1B | 2    | Is it usually menthol or mint flavored?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   | 1329-1330 |
| PEJNFLA1C | 2    | Is it usually flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No  | 1331-1332 |
| PEJNFLA1D | 2    | Is it usually some other type of flavor?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No  | 1333-1334 |
| PEJNFLVR2 | 2    | Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors. When you smoke a regular pipe filled with tobacco is it usually flavored?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No | 1335-1336 |

| NAME      | SIZE | DESCRIPTION  | LOCATION  |
|-----------|------|--|-----------|
| PEJNFLA2B | 2    | Is it usually menthol or mint flavored?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No  | 1337-1338 |
| PEJNFLA2C | 2    | Is it usually flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   | 1339-1340 |
| PEJNFLA2D | 2    | Is it usually some other type of flavor?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   | 1341-1342 |
| PEJNFLVR3 | 2    | Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors. When you smoke a water/hookah pipe filled with tobacco is it usually flavored?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No | 1343-1344 |

| NAME      | SIZE | DESCRIPTION   | LOCATION  |
|-----------|------|---|-----------|
| PEJNFLA3B | 2    | Is it usually menthol or mint flavored?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   | 1345-1346 |
| PEJNFLA3C | 2    | Is it usually flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No  | 1347-1348 |
| PEJNFLA3D | 2    | Is it usually some other type of flavor?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No  | 1349-1350 |
| PEJNFLV35 | 2    | Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors. When you use an E-cigarette is it usually flavored?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No | 1351-1352 |
| PEJNFA35A | 2    | Is it usually tobacco flavored?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   | 1353-1354 |

| NAME      | SIZE | DESCRIPTION  | LOCATION  |
|-----------|------|--|-----------|
| PEJNFA35B | 2    | Is it usually menthol or mint flavored?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No  | 1355-1356 |
| PEJNFA35C | 2    | Is it usually flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   | 1357-1358 |
| PEJNFA35D | 2    | Is it usually some other type of flavor?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   | 1359-1360 |
| PEJNFVB35 | 2    | When you use an e-cigarette, is it usually tobacco flavored?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   | 1361-1362 |
| PEJNFLVR4 | 2    | Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors. When you use smokeless tobacco is it usually flavored?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No | 1363-1364 |

| NAME      | SIZE | DESCRIPTION   | LOCATION  |
|-----------|------|---|-----------|
| PEJNFLA4B | 2    | Is it usually menthol or mint flavored?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   | 1365-1366 |
| PEJNFLA4C | 2    | Is it usually flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No  | 1367-1368 |
| PEJNFLA4D | 2    | Is it usually some other type of flavor?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No  | 1369-1370 |
| PEJECIGRA | 2    | Do you use e-cigarettes because you can use them at times when or in places where smoking cigarettes isn't allowed?<br><br>FR: E-CIGARETTES CAN ALSO BE CALLED VAPE-PENS, E-HOOKAHS, VAPES OR MODS. POPULAR BRANDS INCLUDE NJOY, BLU, LOGIC, VUSE, AND JUUL (PROUNOUNCED LIKE "JEWEL").<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No | 1371-1372 |

| NAME      | SIZE | DESCRIPTION  | LOCATION  |
|-----------|------|--|-----------|
| PEJECIGRD | 2    | Do you use e-cigarettes to help you quit smoking cigarettes?   | 1373-1374 |
|           |      | VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   |           |
| PEJECIG2  | 2    | Which of the following best describes the type of e-cigarette you currently use? If you use more than one type, please think of the one you use most often.  | 1375-1376 |
|           |      | VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 A disposable e-cigarette<br>2 An e-cigarette that uses REPLACEABLE PREFILLED CARTRIDGES<br>3 An e-cigarette with a TANK that you REFILL with LIQUIDS<br>4 A mod system<br>5 You don't know the type |           |
| PEJECIG3  | 2    | Do you usually buy your own {e-cigarettes / e-cigarette cartridges/ e-liquid}?   | 1377-1378 |
|           |      | VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   |           |
| PEJECIG4  | 2    | How do you usually buy your own {e-cigarettes / e-cigarette cartridges/ e-liquid}  | 1379-1380 |
|           |      | VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 In persons<br>2 From the internet<br>3 By telephone<br>4 Some other way (Specify:____)  |           |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEJCOST1 | 2    | <p>Do you usually buy {e-cigarettes / e-cigarette cartridges / bottles of e-liquid} by the box or pack, or as {single e-cigarettes / single e-cigarette cartridges / a single bottle of e-liquid}?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Box or Pack</li> <li>2 Singles</li> </ul>              | 1381-1382 |
| PTJCOST2 | 5    | <p>What price did you pay for the LAST BOX OR PACK of {e-cigarettes / e-cigarette cartridges / bottles of e-liquid} you bought? Please report the cost after using discounts or coupons.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>00000-99999 Price in dollars (2 implied decimal places)</li> </ul> | 1383-1387 |
| PEJCOST3 | 3    | <p>How many {e-cigarettes / e-cigarette cartridges / bottles of e-liquid} came in the LAST BOX OR PACK you bought?</p> <p>VALID ENTRIES:</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1-99 Number of</li> </ul>  | 1388-1390 |
| PTJCOST4 | 5    | <p>What price did you pay for the LAST {e-cigarette / e-cigarette cartridge / bottle of e-liquid} you bought? Please report the cost after using discounts or coupons.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>00000-99999 Price in dollars (2 implied decimal places)</li> </ul>                   | 1391-1395 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEJCOST5 | 4    | How many MILLILITERS of liquid were in a SINGLE bottle you LAST bought?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>000-999   | 1396-1399 |
| PEJD11   | 2    | About how long has it been since you COMPLETELY quit smoking cigars, cigarillos or little filter cigars?<br>Enter number: (1-99)<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1:99 Number of | 1400-1401 |
| PEJD21   | 2    | Enter units: days, weeks, months, years<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Days<br>2 Weeks<br>3 Months<br>4 Years  | 1402-1403 |
| PEJD12   | 2    | About how long has it been since you COMPLETELY quit smoking a regular pipe filled with tobacco?<br>Enter number: (1-99)<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1:99 Number of         | 1404-1405 |



| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEJD22   | 2    | Enter units: days, weeks, months, years<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Days<br>2 Weeks<br>3 Months<br>4 Years   | 1406-1407 |
| PEJD13   | 2    | About how long has it been since you COMPLETELY quit smoking a water pipe or hookah pipe filled with tobacco?<br>Enter number: (1-99)<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1:99 Number of | 1408-1409 |
| PEJD23   | 2    | Enter units: days, weeks, months, years<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Days<br>2 Weeks<br>3 Months<br>4 Years   | 1410-1411 |
| PEJD13_5 | 2    | About how long has it been since you COMPLETELY quit using E-cigarettes?<br>Enter number: (1-99)<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1:99 Number of                                      | 1412-1413 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEJD23_5 | 2    | Enter units: days, weeks, months, years<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Days<br>2 Weeks<br>3 Months<br>4 Years   | 1414-1415 |
| PEJD14   | 2    | About how long has it been since you COMPLETELY quit using smokeless tobacco?<br>Enter number: (1-99)<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1:99 Number of   | 1416-1417 |
| PEJD24   | 2    | Enter units: days, weeks, months, years<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Days<br>2 Weeks<br>3 Months<br>4 Years   | 1418-1419 |
| PEJD31   | 2    | In total, how many years (have you smoked/did you smoke) cigars or cigarillos or little filtered cigars?<br>If product was only used once or twice, DO NOT ASK this question and enter 0 for less than one year.<br>Enter 0 for less than one year<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>0 Only used once or twice or Less than one year<br>1:99 years | 1420-1421 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEJD32   | 2    | <p>In total, how many years (have you smoked/did you smoke) a regular pipe filled with tobacco?</p> <p>If product was only used once or twice, DO NOT ASK this question and enter 0 for less than one year.</p> <p>Enter 0 for less than one year</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>0 Only used once or twice or Less than one year</li> <li>1-99 years</li> </ul>              | 1422-1423 |
| PEJD33   | 2    | <p>In total, how many years (have you smoked/did you smoke) a water pipe or hookah pipe filled with tobacco?</p> <p>If product was only used once or twice, DO NOT ASK this question and enter 0 for less than one year.</p> <p>Enter 0 for less than one year</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>0 Only used once or twice or Less than one year</li> <li>1-99 years</li> </ul> | 1424-1425 |
| PEJD33_5 | 2    | <p>In total, how many years (have you used/did you use) E-cigarettes?</p> <p>If product was only used once or twice, DO NOT ASK this question and enter 0 for less than one year.</p> <p>Enter 0 for less than one year</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>0 Only used once or twice or Less than one year</li> <li>1-99 years</li> </ul>  | 1426-1427 |

| NAME      | SIZE | DESCRIPTION  | LOCATION  |
|-----------|------|--|-----------|
| PEJD34    | 2    | <p>In total, how many years (have you used/did you use) smokeless tobacco?</p> <p>If product was only used once or twice, DO NOT ASK this question and enter 0 for less than one year.</p> <p>Enter 0 for less than one year</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>0 Only used once or twice or Less than one year</li> <li>1-99 years</li> </ul>  | 1428-1429 |
| PEJFECGRA | 2    | <p>Did you use E-cigarettes because you could use them at times when or in places where smoking cigarettes wasn't allowed?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>  | 1430-1431 |
| PEJFECGRD | 2    | <p>Did you use e-cigarettes to help you quit smoking cigarettes?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>  | 1432-1433 |
| PEJFECG2  | 2    | <p>Which of the following best describes the type of e-cigarette you used to use? If you used more than one type, please think of the one you used most often.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 A disposable e-cigarette</li> <li>2 An e-cigarette that uses replaceable PREFILLED CARTRIDGES</li> <li>3 An e-cigarette with a TANK that you REFILL with LIQUIDS</li> <li>4 A mod system, or</li> <li>5 You don't know the type?</li> </ul> | 1434-1435 |

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PEJ3A1 | 2    | <p>How soon after you wake up do you typically [fill with appropriate stem and ending based on responses to J2a1-4]?</p> <p>FR: IF NECESSARY, ASK FOR BEST ANSWER IN MINUTES OR HOURS</p> <p>FR: IF RESPONDENTS USE BOTH KINDS OF PIPES, THEY SHOULD BE THINKING OF BOTH KINDS AND ANSWER THE EARLIEST TIME AFTER AWAKENING THEY SMOKE THE FIRST OF THE TWO TYPES OF PIPES. SIMILARLY, WE ARE ASKING ABOUT THE FIRST USE OF ANY OF THE GROUP OF PRODUCTS NOTED</p> <p>ENTER (0) IF RESPONDENT INSISTS IT VARIES</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-5 Varies</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1-99 Number of</li> </ul> | 1436-1437 |
| PEJ3A2 | 2    | <p>Enter minutes or hours</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Minutes</li> <li>2 Hours</li> </ul>  | 1438-1439 |
| PEJ3D  | 2    | <p>Would you say you [fill with appropriate stem and ending based on responses to J2a1-4] within the first 30 minutes of awakening?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> <li>3 Varies</li> </ul>   | 1440-1441 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEJ3F1 | 2    | <p>In the 12 months BEFORE YOU COMPLETELY QUIT {smoking cigars / smoking pipes / using e-cigarettes / using smokeless tobacco}, how soon after you woke up did you typically [fill with appropriate stem and ending based on responses to J2a1-4] (smoke your first....cigar/ pipe//use your first....e-cigarette/first use smokeless tobacco)?</p> <p>FR: IF NECESSARY, ASK FOR BEST ANSWER IN MINUTES OR HOURS</p> <p>FR: IF RESPONDENTS USE BOTH KINDS OF PIPES, THEY SHOULD BE THINKING OF BOTH KINDS AND ANSWER THE EARLIEST TIME AFTER AWAKENING THEY SMOKE THE FIRST OF THE TWO TYPES OF PIPES. SIMILARLY, WE ARE ASKING ABOUT THE FIRST USE OF ANY OF THE GROUP OF PRODUCTS NOTED</p> <p>ENTER (0) IF RESPONDENT INSISTS IT VARIES</p> <p>Enter Number: (0-90)</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-5 Varies</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1-99 Number of</li> </ul> | 1442-1443 |
| PEJ3F2 | 2    | <p>Enter minutes or hours</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Minutes</li> <li>2 Hours</li> </ul>   | 1444-1445 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEJ3G    | 2    | <p>In the 12 months BEFORE YOU COMPLETELY QUIT {smoking cigars / smoking pipes / using e-cigarettes / using smokeless tobacco}, would you say you [fill with appropriate stem and ending based on responses to J2a1-4] (smoke your first....cigar/ pipe//use your first....e-cigarette/first use smokeless tobacco) within the first 30 minutes of awakening?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> <li>3 Varies</li> </ul> | 1446-1447 |
| PEJ4     | 2    | <p>During the PAST 12 MONTHS, have you stopped smoking // using [fill entry based on BOX 39A—cigars / pipes // e-cigarettes / smokeless tobacco] for one day or longer BECAUSE YOU WERE TRYING TO QUIT?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1448-1449 |
| PEJ6BNUM | 2    | <p>Thinking of ANY attempts to stop smoking ...// using ... [fill entry same as J4 fill – cigars/pipes // E-cigarettes/ smokeless tobacco] because you were trying to quit, during the past 12 months, what was the length of time of the ONE attempt that lasted the longest?</p> <p>Enter Number: 1-99</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1-99 Number of</li> </ul>   | 1450-1451 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEJ6BUNT | 2    | Enter days, weeks, or months<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Days<br>2 Weeks<br>3 Months   | 1452-1453 |
| PEJ7CINT | 2    | The LAST TIME you tried to QUIT smoking CIGARS in the past 12 months: Did you:<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Continue  | 1454-1455 |
| PEJ7C    | 2    | The LAST TIME you tried to QUIT smoking CIGARS in the past 12 months: Did you: Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff, or snus?<br>FR: PRONOUNCE "SNUS" TO RHYME WITH "GOOSE."<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No | 1456-1457 |
| PEJ7D    | 2    | The LAST TIME you tried to QUIT smoking CIGARS in the past 12 months: Did you: Try to quit by SWITCHING to electronic or E-cigarettes?<br><br>VALID ENTRIES:<br>-9 No response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 Yes<br>2 No   | 1458-1459 |



| NAME      | SIZE | DESCRIPTION  | LOCATION  |
|-----------|------|--|-----------|
| PEJ7ALTIN | 2    | <p>When you quit smoking CIGARS completely, did you do ANY of the following, whether or not you think they were effective:</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Continue</li> </ul>   | 1460-1461 |
| PEJ7CALT  | 2    | <p>When you quit smoking CIGARS completely, did you do ANY of the following, whether or not you think they were effective: Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff, or snus?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul> | 1462-1463 |
| PEJ7DALT  | 2    | <p>When you quit smoking CIGARS completely, did you do ANY of the following, whether or not you think they were effective: Try to quit by SWITCHING to electronic or E-cigarette?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>                                 | 1464-1465 |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PEK1A   | 2    | <p>The next questions are about your place of work.<br/> Do you mainly work indoors or outdoors?<br/> FR: If respondent has more than 1 job, have them answer for their main job.<br/> Do not read the first 2 categories unless necessary.<br/> Never read the remaining categories.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Indoors</li> <li>2 Outdoors</li> <li>3 About equally indoors and outdoors</li> <li>4 Works mainly indoors in a non-traditional environment such as warehouse or other similar large semi-structured area</li> <li>5 Mainly travel around to different clients or sites or mainly in a motor vehicle/bus/train/boat/airplane/underground/in a mine, etc.</li> <li>6 varies</li> </ul> | 1466-1467 |
| PEK1B   | 2    | <p>Do you mainly work in an office building, in your own home, in someone else's home, or in another indoor place?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Office building</li> <li>2 Own Home</li> <li>3 Someone else's home</li> <li>4 Another indoor</li> </ul>   | 1468-1469 |
| PEK1B11 | 2    | <p>In which State (including DC), do you work?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Alabama</li> <li>2 Alaska</li> <li>4 Arizona</li> <li>5 Arkansas</li> <li>6 California</li> <li>8 Colorado</li> <li>9 Connecticut</li> <li>10 Delaware</li> <li>11 District of Columbia</li> <li>12 Florida</li> </ul>  | 1470-1471 |

| NAME | SIZE | DESCRIPTION                      | LOCATION |
|------|------|----------------------------------|----------|
|      |      | 13 Georgia                       |          |
|      |      | 15 Hawaii                        |          |
|      |      | 16 Idaho                         |          |
|      |      | 17 Illinois                      |          |
|      |      | 18 Indiana                       |          |
|      |      | 19 Iowa                          |          |
|      |      | 20 Kansas                        |          |
|      |      | 21 Kentucky                      |          |
|      |      | 22 Louisiana                     |          |
|      |      | 23 Maine                         |          |
|      |      | 24 Maryland                      |          |
|      |      | 25 Massachusetts                 |          |
|      |      | 26 Michigan                      |          |
|      |      | 27 Minnesota                     |          |
|      |      | 28 Mississippi                   |          |
|      |      | 29 Missouri                      |          |
|      |      | 30 Montana                       |          |
|      |      | 31 Nebraska                      |          |
|      |      | 32 Nevada                        |          |
|      |      | 33 New Hampshire                 |          |
|      |      | 34 New Jersey                    |          |
|      |      | 35 New Mexico                    |          |
|      |      | 36 New York                      |          |
|      |      | 37 North Carolina                |          |
|      |      | 38 North Dakota                  |          |
|      |      | 39 Ohio                          |          |
|      |      | 40 Oklahoma                      |          |
|      |      | 41 Oregon                        |          |
|      |      | 42 Pennsylvania                  |          |
|      |      | 44 Rhode Island                  |          |
|      |      | 45 South Carolina                |          |
|      |      | 46 South Dakota                  |          |
|      |      | 47 Tennessee                     |          |
|      |      | 48 Texas                         |          |
|      |      | 49 Utah                          |          |
|      |      | 50 Vermont                       |          |
|      |      | 51 Virginia                      |          |
|      |      | 53 Washington                    |          |
|      |      | 54 West Virginia                 |          |
|      |      | 55 Wisconsin                     |          |
|      |      | 56 Wyoming                       |          |
|      |      | 57 United States (state unknown) |          |
|      |      | 88 Not in U.S.                   |          |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEK1B2 | 2    | <p>When you work INDOORS: Do you mainly work in an office building, in your own home, in someone else's home, or in another indoor place?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Office building</li> <li>2 Own home</li> <li>3 Someone else's home</li> <li>4 another indoor place</li> </ul>   | 1472-1473 |
| PEK1C1 | 2    | <p>In which State (including DC), do you work on your main indoor job or business?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Alabama</li> <li>2 Alaska</li> <li>4 Arizona</li> <li>5 Arkansas</li> <li>6 California</li> <li>8 Colorado</li> <li>9 Connecticut</li> <li>10 Delaware</li> <li>11 District of Columbia</li> <li>12 Florida</li> <li>13 Georgia</li> <li>15 Hawaii</li> <li>16 Idaho</li> <li>17 Illinois</li> <li>18 Indiana</li> <li>19 Iowa</li> <li>20 Kansas</li> <li>21 Kentucky</li> <li>22 Louisiana</li> <li>23 Maine</li> <li>24 Maryland</li> <li>25 Massachusetts</li> <li>26 Michigan</li> <li>27 Minnesota</li> <li>28 Mississippi</li> <li>29 Missouri</li> <li>30 Montana</li> <li>31 Nebraska</li> <li>32 Nevada</li> <li>33 New Hampshire</li> </ul> | 1474-1475 |

| NAME  | SIZE | DESCRIPTION   | LOCATION  |
|-------|------|---|-----------|
|       |      | 34 New Jersey   |           |
|       |      | 35 New Mexico   |           |
|       |      | 36 New York   |           |
|       |      | 37 North Carolina   |           |
|       |      | 38 North Dakota   |           |
|       |      | 39 Ohio   |           |
|       |      | 40 Oklahoma   |           |
|       |      | 41 Oregon   |           |
|       |      | 42 Pennsylvania   |           |
|       |      | 44 Rhode Island   |           |
|       |      | 45 South Carolina   |           |
|       |      | 46 South Dakota   |           |
|       |      | 47 Tennessee  |           |
|       |      | 48 Texas  |           |
|       |      | 49 Utah   |           |
|       |      | 50 Vermont  |           |
|       |      | 51 Virginia   |           |
|       |      | 53 Washington   |           |
|       |      | 54 West Virginia  |           |
|       |      | 55 Wisconsin  |           |
|       |      | 56 Wyoming  |           |
|       |      | 57 United States (state unknown)  |           |
|       |      | 88 Not in U.S.  |           |
| PEK2A | 2    | <p>Is smoking restricted in ANY WAY at your place of work?</p> <p>Read if necessary: By restricted, we mean any limitation on smoking, regardless of who is responsible for that restriction (including owner, employer, government, union, etc.)</p> <p>VALID ENTRIES:</p> <p>-9 No response</p> <p>-3 Refused</p> <p>-2 Don't Know</p> <p>-1 Not in Universe</p> <p>1 Yes</p> <p>2 No</p> | 1476-1477 |

| NAME  | SIZE | DESCRIPTION   | LOCATION  |
|-------|------|---|-----------|
| PEK3A | 2    | <p>Which of these best describes the smoking policy at your place of work for INDOOR PUBLIC OR COMMON AREAS, such as lobbies, rest rooms, and lunch rooms?</p> <p>FR: READ THE FIRST 3 ANSWER CATEGORIES ONLY.<br/>ENTER (4) IF NOT APPLICABLE</p> <p>(1) Not allowed in ANY public areas<br/>(2) Allowed in SOME public areas<br/>(3) Allowed in ALL public areas<br/>(4) NOT APPLICABLE</p> <p>VALID ENTRIES:</p> <p>-9 No response<br/>-3 Refused<br/>-2 Don't Know<br/>-1 Not in Universe<br/>1 Not allowed in ANY public areas<br/>2 Allowed in SOME public areas<br/>3 Allowed in ALL public areas<br/>4 Not applicable</p> | 1478-1479 |
| PEK3B | 2    | <p>Which of these best describes the smoking policy at your place of work for INDOOR WORK AREAS?</p> <p>FR: READ THE FIRST 3 ANSWER CATEGORIES ONLY.<br/>ENTER (4) IF NOT APPLICABLE</p> <p>(1) Not allowed in ANY work areas<br/>(2) Allowed in SOME work areas<br/>(3) Allowed in ALL work areas<br/>(4) NOT APPLICABLE</p> <p>VALID ENTRIES:</p> <p>-9 No response<br/>-3 Refused<br/>-2 Don't Know<br/>-1 Not in Universe<br/>1 Not allowed in ANY work areas<br/>2 Allowed in SOME work areas<br/>3 Allowed in ALL work areas<br/>4 Not applicable</p>   | 1480-1481 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEK3C  | 2    | <p>During the PAST TWO WEEKS, has anyone smoked in the area in which you work?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1482-1483 |
| PEK3B1 | 2    | <p>Which of these best describes the vaping or e-cigarette policy at your place of work for INDOOR PUBLIC OR COMMON AREAS AND INDOOR WORK AREAS?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Not allowed in ANY public and ANY work areas</li> <li>2 Allowed in SOME public or SOME work areas</li> <li>3 Allowed in ALL public and ALL work areas</li> <li>4 Not applicable</li> </ul> | 1484-1485 |
| PEK3C1 | 2    | <p>During the PAST TWO WEEKS, has anyone vaped or used e-cigarettes in the area in which you work?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>   | 1486-1487 |

| NAME  | SIZE | DESCRIPTION  | LOCATION  |
|-------|------|--|-----------|
| PEK4  | 2    | <p>The final set of questions are about your home and other places. Which statement best describes the rules about smoking INSIDE YOUR HOME?</p> <p>FR: Read if necessary: "Home" is where you live. "Rules" include any unwritten "Rules" and pertain to all people whether or not they reside in the home or are visitors, workmen, etc. Smoking includes cigars regular and hookah as well as cigarettes</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 No one is allowed to smoke anywhere INSIDE YOUR HOME</li> <li>2 Smoking is allowed in some places or at some times INSIDE YOUR HOME</li> <li>3 Smoking is permitted anywhere INSIDE YOUR HOME</li> </ul>   | 1488-1489 |
| PEK4A | 2    | <p>Which statement best describes the rules about vaping or using e-cigarettes INSIDE YOUR HOME?</p> <p>FR: Read if necessary "Home" is where you live. "Rules" include any unwritten "Rules" and pertain to all people whether or not they reside in the home or are visitors, workmen, etc. "Vaping" includes use of e-cigarettes, vape-pens, hookah-pens, e-hookahs, e-vaporizers, vapes, or mods. popular brands include Njoy, Blu, Logic, Vuse, and Juul (pronounced like "jewel").</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 No one is allowed to vape anywhere INSIDE YOUR HOME</li> <li>2 Vaping is allowed in some places or at some times INSIDE YOUR HOME</li> <li>3 Vaping is permitted anywhere INSIDE YOUR HOME</li> </ul> | 1490-1491 |



| NAME  | SIZE | DESCRIPTION  | LOCATION  |
|-------|------|--|-----------|
| PEK5A | 2    | <p>In buildings with multiple apartments or living areas, do you THINK that smoking should be ... ALLOWED INSIDE ALL apartments or living areas, ALLOWED inside SOME apartments ..., or NOT ALLOWED at ALL inside apartments</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Allowed inside all apartments and living areas</li> <li>2 Allowed inside some apartments</li> <li>3 Not allowed at all inside apartments</li> </ul> | 1492-1493 |
| PEK6B | 2    | <p>In indoor work areas, do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Allowed in all areas</li> <li>2 Allowed in some areas</li> <li>3 Not allowed at all</li> </ul>  | 1494-1495 |
| PEK6C |      | <p>Inside bars, cocktail lounges, and clubs, do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Allowed in all areas</li> <li>2 Allowed in some areas</li> <li>3 Not allowed at all</li> </ul>  | 1496-1497 |
| PEK6G |      | <p>Inside casinos, do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Allowed in all areas</li> <li>2 Allowed in some areas</li> <li>3 Not allowed at all</li> </ul>  | 1498-1499 |

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PEK6H  | 2    | <p>Inside a car, when there are other people present, do you THINK that smoking SHOULD... always be allowed, be allowed under some conditions, or never be allowed?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Always be allowed</li> <li>2 Be allowed under some conditions</li> <li>3 Never be allowed</li> </ul> | 1500-1501 |
| PEK6H2 | 2    | <p>IF children are present inside the car, do you think that smoking SHOULD... always be allowed, be allowed under some conditions, or never be allowed.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Always be allowed</li> <li>2 Be allowed under some conditions</li> <li>3 Never be allowed</li> </ul>            | 1502-1503 |
| PEK8   | 2    | <p>In the past 6 months, have you seen messages in newspapers or on television that say that a Federal Court has ordered tobacco companies to make statements about the dangers of smoking cigarettes?</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Yes</li> <li>2 No</li> </ul>                                      | 1504-1505 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PES78    | 2    | Respondent relationship recode – relationship<br>Of respondent to the sample person<br><br>VALID ENTRIES:<br>-1 Not in Universe<br>1 Self<br>2 Husband<br>3 Wife<br>4 Child<br>5 Grandchild<br>6 Grandparent<br>7 Parent<br>8 Sibling<br>9 Other relative<br>10 Non relative<br>11 Non relative<br>88 Non relative | 1506-1507 |
| PESINTTP | 2    | *** DO NOT READ ***<br><br>In what language was the interview conducted for this person?<br><br>VALID ENTRIES:<br>-9 No Response<br>-3 Refused<br>-2 Don't Know<br>-1 Not in Universe<br>1 English<br>2 Spanish<br>3 Chinese<br>4 Korean<br>5 Vietnamese<br>6 Khmer<br>7 Other Asian<br>8 Other                    | 1508-1509 |
| PES81A   | 2    | Method of Interview<br><br>VALID ENTRIES:<br>-1 Not in Universe<br>1 Personal<br>2 Telephone   | 1510-1511 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| INTRVIEW | 2    | <p>Interview Status Recode</p> <p>Condition 1. PENXTPR ne -3<br/> Condition 2. (PEA1 in 1,2,-2) OR ((PEA1 in -3,-9) AND (PEJ1a# in 1,2,-2))</p> <p>VALID ENTRIES:<br/> -1 Not in Universe<br/> 1 INTRVIEW=1 (complete interview) when conditions 1 AND 2 are met<br/> 2 Set INTRVIEW=2 (noninterview) when condition 1 is not met OR condition 2 is not met OR conditions 1 AND 2 are not met</p> | 1512-1513 |
| HRMODE   | 2    | <p>Method of Interview</p> <p>VALID ENTRIES:<br/> -1 Not in Universe<br/> 1 CAPI<br/> 2 CATI<br/> 3 Unknown</p>   | 1514-1515 |
| SMOKSTAT | 2    | <p>Type of smoker recode</p> <p>VALID ENTRIES:<br/> - 9 Indeterminate (includes persons age between 18 and 34 with pea1 in (-2,-3,-9) and pea3 in (1,2,3))<br/> -1 Not in universe<br/> 1 Never smoker (includes persons age between 18 and 34 with pea1=2 and pea3 in (1,2,3))<br/> 2 Everyday smoker<br/> 3 Some days smoker<br/> 4 Former smoker</p>   | 1516-1517 |
| PRS35    | 2    | <p>Respondent and Smoker Type</p> <p>VALID ENTRIES:<br/> -9 No response<br/> -1 Not in universe (includes persons age between 18 and 34 with pea1 in (-2,-3,-9) and pea3 in (1,2,3))<br/> 1 Self respondent, every day smoker<br/> 2 Self respondent, some day smoker<br/> 3 Self respondent, former smoker<br/> 4 Proxy respondent</p>   | 1518-1519 |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PRS60   | 2    | Self responding 'Not at all' smokers- smoking less than or equal to 1 year or Don't Know<br><br>VALID ENTRIES:<br>-1 Not in universe (includes persons age between 18 and 34 with pea1 in (-2,-3,-9) and pea3=3)<br>1 Item PEH1NUM/PEH1UNT is less than or equal to 1 year or don't know<br>2 All others  | 1520-1521 |
| PRS64   | 2    | Who is responding for the supplement<br><br>VALID ENTRIES:<br>-1 Not in universe<br>1 Self<br>2 Proxy   | 1522-1523 |
| PRS65   | 2    | Monthly Labor Force recode of Self respondents<br><br>VALID ENTRIES:<br>-1 Not in universe<br>1 Employed self respondents (PEMLR=1,2)<br>2 All other cases  | 1524-1525 |
| PRS66   | 2    | Employed self respondents' class of worker on first job<br><br>VALID ENTRIES:<br>-1 Not in universe<br>1 In government or private industry (PEIO1COW in 1,2,3,4,5,10)<br>2 All other cases  | 1526-1527 |
| PRJ3A1F | 2    | Recode from fill in PEJ3a1 and PEJ3a2 to determine which tobacco product is being discussed in PEJ3a1 and PEJ3a2<br><br>VALID ENTRIES:<br>-1 Not in Universe<br>1 Cigar<br>2 Regular pipe filled with tobacco<br>3 Hookah pipe<br>4 E-cigarette<br>5 Smokeless tobacco<br>7 Cigar or regular pipe filled with tobacco<br>8 Cigar or hookah pipe<br>9 Cigar or regular pipe or hookah pipe<br>10 Cigar or E-cigarette<br>11 Cigar or regular pipe or E-cigarette<br>12 Cigar or hookah pipe or E-cigarette<br>13 Cigar or regular or hookah pipe or E-cigarette<br>14 Cigar or smokeless tobacco<br>17 Cigar or regular pipe or smokeless tobacco<br>20 Cigar or hookah pipe or smokeless tobacco<br>23 Cigar or regular pipe filled or hookah pipe or smokeless tobacco | 1528-1529 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

26 Cigar or regular pipe or E-cigarette or smokeless tobacco  
 29 Cigar or hookah pipe or E-cigarette or smokeless tobacco  
 32 Cigar, regular pipe, hookah pipe, E-cigarette or smokeless tobacco  
 35 Cigar or E-cigarette or smokeless tobacco  
 38 Regular pipe filled with tobacco or hookah pipe  
 39 Regular pipe filled with tobacco or E-cigarette  
 40 Hookah pipe or E-cigarette  
 41 Regular pipe or hookah pipe or E-cigarette  
 42 Regular pipe or smokeless tobacco  
 45 Hookah pipe or smokeless tobacco  
 48 Regular pipe or hookah pipe or smokeless tobacco  
 51 Regular pipe or E-cigarette or smokeless tobacco  
 54 Hookah pipe or E-cigarette or smokeless tobacco  
 57 Regular pipe or, hookah pipe or E-cigarette or smokeless tobacco  
 60 E-cigarette or smokeless tobacco

|        |   |  |           |
|--------|---|--|-----------|
| PRJ3DF | 2 | Recode from fill in PEJ3d to determine which tobacco product is being discussed in PEJ3D | 1530-1531 |
|--------|---|--|-----------|

VALID ENTRIES:

-1 Not in Universe  
 1 Cigar  
 2 Regular pipe filled with tobacco  
 3 Hookah pipe  
 4 E-cigarette  
 5 Smokeless tobacco  
 7 Cigar or regular pipe filled with tobacco  
 8 Cigar or hookah pipe  
 9 Cigar or regular pipe or hookah pipe  
 10 Cigar or E-cigarette  
 11 Cigar or regular pipe or E-cigarette  
 12 Cigar or hookah pipe or E-cigarette  
 13 Cigar or regular or hookah pipe or E-cigarette  
 14 Cigar or smokeless tobacco  
 17 Cigar or regular pipe or smokeless tobacco  
 20 Cigar or hookah pipe or smokeless tobacco  
 23 Cigar or regular pipe filled or hookah pipe or smokeless tobacco  
 26 Cigar or regular pipe or E-cigarette or smokeless tobacco  
 29 Cigar or hookah pipe or E-cigarette or smokeless tobacco  
 32 Cigar, regular pipe, hookah pipe, E-cigarette or smokeless tobacco  
 35 Cigar or E-cigarette or smokeless tobacco  
 38 Regular pipe or hookah pipe  
 39 Regular pipe or E-cigarette  
 40 Hookah pipe or E-cigarette  
 41 Regular pipe or hookah pipe or E-cigarette  
 42 Regular pipe or smokeless tobacco  
 45 Hookah pipe or smokeless tobacco  
 48 Regular pipe or hookah pipe or smokeless tobacco  
 51 Regular pipe or E-cigarette or smokeless tobacco  
 54 Hookah pipe or E-cigarette or smokeless tobacco

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PRJ3F1F | 2    | 57 Regular pipe or, hookah pipe or E-cigarette or smokeless tobacco<br>60 E-cigarette or smokeless tobacco<br>Recode from fill in PEJ3f1 and PEJ3f2 to determine which tobacco product is being discussed in PEJ3f1 and PEJ3f2 | 1532-1533 |

VALID ENTRIES:

- 1 Not in universe
- 1 Smoking cigars... smoke your first cigar
- 2 Smoking regular pipes filled with tobacco ...smoke your first regular pipe filled with tobacco
- 3 Smoking hookah pipes... smoke your first hookah pipe
- 4 Using E-cigarettes... use your first E-cigarette
- 5 Using smokeless tobacco... use your first smokeless tobacco
- 6 Smoking cigars/smoking regular pipes filled with tobacco... smoke your first cigar/smoke your first regular pipe filled with tobacco
- 7 Smoking cigars/smoking hookah pipes... smoke your first cigar/smoke your first hookah pipe
- 8 Smoking cigars/using E-cigarettes... smoke your first cigar/use your first E-cigarette
- 9 Smoking cigars/using smokeless tobacco ... smoke your first cigar/use your first smokeless tobacco
- 10 Smoking regular pipes filled with tobacco/smoking hookah pipes...smoke your first regular pipe filled with tobacco/smoke your first hookah pipe
- 11 Smoking regular pipes filled with tobacco/using E-cigarettes... smoke your first regular pipe filled with tobacco/use your first E-cigarette
- 12 Smoking regular pipes filled with tobacco/using smokeless tobacco... smoke your first regular pipe filled with tobacco/use your first smokeless tobacco
- 13 Smoking hookah pipes/using E-cigarettes... smoke your first hookah pipe/use your first E-cigarette
- 14 Smoking hookah pipes/using smokeless tobacco... smoke your first hookah pipe/use your first smokeless tobacco
- 15 Using E-cigarettes/using smokeless tobacco... use your first E-cigarette/use your first smokeless tobacco
- 16 Smoking cigars/smoking regular pipes filled with tobacco/smoking hookah pipes... smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe
- 17 Smoking cigars/smoking regular pipes filled with tobacco/using E-cigarettes... smoke your first cigar/smoke your first regular pipe filled with tobacco/use your first E-cigarette
- 18 Smoking cigars/smoking regular pipes filled with tobacco/using smokeless tobacco... smoke your first cigar/smoke your first regular pipe filled with tobacco/use your first smokeless tobacco
- 19 Smoking cigars/smoking hookah pipes/using E-cigarettes.... smoke your first cigar/smoke your first hookah pipe/use your first E-cigarette
- 20 Smoking cigars/smoking hookah pipes/using smokeless tobacco...

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
|        |      | smoke your first cigar/smoke your first hookah pipe/use your first smokeless tobacco   |           |
|        |      | 21 Smoking cigars/using E-cigarettes/using smokeless tobacco... smoke your first cigar/use your first E-cigarette/use your first smokeless tobacco   |           |
|        |      | 22 Smoking regular pipes filled with tobacco/smoking hookah pipes/using E-cigarettes... smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette  |           |
|        |      | 23 Smoking regular pipes filled with tobacco/smoking hookah pipes/using smokeless tobacco... smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first smokeless tobacco   |           |
|        |      | 24 Smoking regular pipes filled with tobacco/using E-cigarettes/using smokeless tobacco... smoke your first regular pipe filled with tobacco/use your first E-cigarette/use your first smokeless tobacco   |           |
|        |      | 25 Smoking hookah pipes/using E-cigarettes/using smokeless tobacco..... smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco   |           |
|        |      | 26 Smoking cigars/smoking regular pipes filled with tobacco/smoking hookah pipes/using E-cigarettes... smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette  |           |
|        |      | 27 Smoking cigars/smoking regular pipes filled with tobacco/smoking hookah pipes/using smokeless tobacco... smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first smokeless tobacco   |           |
|        |      | 28 Smoking cigars/smoking regular pipes filled with tobacco/using E-cigarettes/using smokeless tobacco... smoke your first cigar/smoke your first regular pipe filled with tobacco/use your first E-cigarette/use your first smokeless tobacco   |           |
|        |      | 29 Smoking cigars/smoking hookah pipes/using E-cigarettes/using smokeless tobacco... smoke your first cigar/smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco   |           |
|        |      | 30 Smoking regular pipes filled with tobacco/smoking hookah pipes/using E-cigarettes/using smokeless tobacco... smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco                                       |           |
|        |      | 31 Smoking cigars/smoking regular pipes filled with tobacco/smoking hookah pipes/using E-cigarettes/using smokeless tobacco... smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco |           |
| PRJ3GF | 2    | Recode from fill in PEJ3g to determine which tobacco product is being discussed in PEJ3g   | 1534-1535 |

VALID ENTRIES:

-1 Not in universe



- 1 Smoking cigars... smoke your first cigar
- 2 Smoking regular pipes filled with tobacco ...smoke your first regular pipe filled with tobacco
- 3 Smoking hookah pipes... smoke your first hookah pipe
- 4 Using E-cigarettes... use your first E-cigarette
- 5 Using smokeless tobacco... use your first smokeless tobacco
- 6 Smoking cigars/smoking regular pipes filled with tobacco... smoke your first cigar/smoke your first regular pipe filled with tobacco
- 7 Smoking cigars/smoking hookah pipes... smoke your first cigar/smoke your first hookah pipe
- 8 Smoking cigars/using E-cigarettes... smoke your first cigar/use your first E-cigarette
- 9 Smoking cigars/using smokeless tobacco ... smoke your first cigar/use your first smokeless tobacco
- 10 Smoking regular pipes filled with tobacco/smoking hookah pipes...smoke your first regular pipe filled with tobacco/smoke your first hookah pipe
- 11 Smoking regular pipes filled with tobacco/using E-cigarettes... smoke your first regular pipe filled with tobacco/use your first E-cigarette
- 12 Smoking regular pipes filled with tobacco/using smokeless tobacco...smoke your first regular pipe filled with tobacco/use your first smokeless tobacco
- 13 Smoking hookah pipes/using E-cigarettes... smoke your first hookah pipe/use your first E-cigarette
- 14 Smoking hookah pipes/using smokeless tobacco... smoke your first hookah pipe/use your first smokeless tobacco
- 15 Using E-cigarettes/using smokeless tobacco... use your first E-cigarette/use your first smokeless tobacco
- 16 Smoking cigars/smoking regular pipes filled with tobacco/smoking hookah pipes... smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe
- 17 Smoking cigars/smoking regular pipes filled with tobacco/using E-cigarettes... smoke your first cigar/smoke your first regular pipe filled with tobacco/use your first E-cigarette
- 18 Smoking cigars/smoking regular pipes filled with tobacco/using smokeless tobacco... smoke your first cigar/smoke your first regular pipe filled with tobacco/use your first smokeless tobacco
- 19 Smoking cigars/smoking hookah pipes/using E-cigarettes... smoke your first cigar/smoke your first hookah pipe/use your first E-cigarette
- 20 Smoking cigars/smoking hookah pipes/using smokeless tobacco...smoke your first cigar/smoke your first hookah pipe/use your first smokeless tobacco
- 21 Smoking cigars/using E-cigarettes/using smokeless tobacco... smoke your first cigar/use your first E-cigarette/use your first smokeless tobacco
- 22 Smoking regular pipes filled with tobacco/smoking hookah pipes/using E-cigarettes... smoke your first regular

- pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette
- 23 Smoking regular pipes filled with tobacco/smoking hookah pipes/using smokeless tobacco...smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first smokeless tobacco
- 24 Smoking regular pipes filled with tobacco/using E-cigarettes/using smokeless tobacco...smoke your first regular pipe filled with tobacco/use your first E-cigarette/use your first smokeless tobacco
- 25 Smoking hookah pipes/using E-cigarettes/using smokeless tobacco...smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco
- 26 Smoking cigars/smoking regular pipes filled with tobacco/smoking hookah pipes/using E-cigarettes... smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette
- 27 Smoking cigars/smoking regular pipes filled with tobacco/smoking hookah pipes/using smokeless tobacco... smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first smokeless tobacco
- 28 Smoking cigars/smoking regular pipes filled with tobacco/using E-cigarettes/using smokeless tobacco... smoke your first cigar/smoke your first regular pipe filled with tobacco/use your first E-cigarette/use your first smokeless tobacco
- 29 Smoking cigars/smoking hookah pipes/using E- cigarettes/using smokeless tobacco... smoke your first cigar/smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco
- 30 Smoking regular pipes filled with tobacco/smoking hookah pipes/using E-cigarettes/using smokeless tobacco...smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco
- 31 Smoking cigars/smoking regular pipes filled with tobacco/smoking hookah pipes/using E-cigarettes/using smokeless tobacco...smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco

|       |   |  |           |
|-------|---|--|-----------|
| PRJ4F | 2 | Recode from fill in PEJ4 to determine which tobacco product is being discussed in PEJ4 | 1536-1537 |
|-------|---|--|-----------|

VALID ENTRIES:

- 1 Not in universe
- 1 Smoking cigars
- 2 Smoking regular pipes
- 3 Smoking water or hookah pipes
- 4 Using an E-cigarette
- 5 Using smokeless tobacco
- 6 Using dissolvable tobacco

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PRJ6BNMF | 2    | <p>Recode from fill in PEJ6bnum and PEJ6bunt to see which tobacco product is being discussed in PEJ6bnum and PEJ6bunt</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-1 Not in universe</li> <li>1 Smoking cigars</li> <li>2 Smoking regular pipes</li> <li>3 Smoking water or hookah pipes</li> <li>4 Using an E-cigarette</li> <li>5 Using smokeless tobacco</li> <li>6 Using dissolvable tobacco</li> </ul> | 1538-1539 |
| PRSIFLG  | 2    | <p>Recode identifies person answering their own questions on the shorter proxy path.</p> <p>If PENXTPR3=3 SET PRSIFLG=1<br/> ELSE IF (PENXTPR3=2 AND (PENXTPR5= PENXTPR)) SET PRSIFLG=2</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-1 Not in universe</li> <li>2 Self-response, but went down proxy path</li> </ul>  | 1540-1541 |
| PWNRWGT  | 10   | Nonresponse weight (4 implied decimal places) Self   | 1542-1551 |
| PWSRWGT  | 10   | response weight (4 implied decimal places) VALID   | 1552-1561 |
| PEELGFLG | 2    | <p>ENTRIES:</p> <ul style="list-style-type: none"> <li>-9 No Response</li> <li>-3 Refused</li> <li>-2 Don't Know</li> <li>-1 Not in Universe</li> <li>1 Selected for Interview</li> <li>4 Not Selected for Interview</li> </ul>  | 1562-1563 |

i Variables indicating either a number of cigarettes smoked during a time period or a price paid for cigarettes were subjected to disclosure avoidance techniques, by topcoding the value, and for the price paid items, rounding to the nearest five cents in addition to topcoding.

## ATTACHMENT 8

### SUPPLEMENT QUESTIONNAIRE

#### 2018-2019 Tobacco Use Supplement to the Current Population Survey

All skip paths should go to the next item unless otherwise instructed. All item questions accept don't know and refused as response. All <D> and <R> pre-codes are to be blind coded. Use blind coded <L> to go to END.

Allow Proxy interviews on the 4th callback for any selected self-respondent.

**HHGPS-R** ENTER LINE NUMBER FOR THE PERSON WHO IS REPORTING CPS  
INFO FOR ALL HH MEMBERS

|\_|\_|

#### RANDOM\_INDICATORS FOR SELF-RESPONSE SELECTION

**PRESUP** This month we would also like to ask about your thoughts and experiences  
concerning tobacco use.

FR: IF HOUSEHOLD HAS ONLY 1 OR 2 PERSONS 18 YEARS OR OLDER  
STATE:

**"I need to ask each individual, age 18 years old and older, these questions."**

FR: IF HOUSEHOLD HAS MORE THAN 2 PERSONS AGE 18 YEARS OR  
OLDER STATE:

**"Two or three persons in this household, age 18 years and older, have been  
selected at random to answer these questions personally, that is, themselves."**

ENTER (1) TO PROCEED

ENTER (F1) FOR IMPORTANCE OF RESPONDING

|\_|

**H\_SUPP\_I** Your answers to the tobacco questions are very important. The National  
Institutes of Health, FDA, CDC, and other researchers will use this  
information to measure changes in tobacco use and to help with policy-  
making and services.

PRESS ENTER TO CONTINUE

NXTPR ENTER LINE NO:   FOR [fill name]

**I (also) need to talk with [fill name/READ LIST OF NEEDED PERSONS]. Is he/she at home now/Are either of them at home now/Are any of them at home now)?**

NO ONE ELIGIBLE, SKIP TO FIN (F10)  
IF ANSWERED, JUMP FORWARD (F3)

GET SELF RESPONSE ONLY.  
WHEN DONE, F10 FOR CALLBACKS  
CALLBACK #: [fill number]

(CNTRL-R) Respondent Refused for someone else

ENTER LINE NUMBER FOR INTERVIEW:

HOUSEHOLD ROSTER

| LN | Q | NEED | NAME       | M | AGE |
|----|---|------|------------|---|-----|
| 01 |   |      | (Person 1) |   |     |
| 02 |   |      | (Person 2) |   |     |
| 03 |   |      | (Person 3) |   |     |

NXTPR3 DO NOT ASK, INTERVIEWER CHECK ITEM

(ONLY TAKE A PROXY IF THIS IS THE 4TH CALLBACK FOR THE SELF-RESPONDENT OR THE PERSON WILL NOT RETURN BEFORE CLOSEOUT.)

Is this a Self or Proxy response?

(1) Self [GO TO A1]  
(2) Proxy

EPROXY DO NOT ASK

POSSIBLE ERROR

You have picked PROXY for [fill name] even though [fill name] is the current respondent.

Are you currently talking to [fill name]?

(1) Yes, SELF interview [GO TO A1]

(2) No

|\_|

NXTPER5 DO NOT ASK  
ENTER LINE NUMBER OF  
CURRENT RESPONDENT

|\_|\_|

HOUSEHOLD ROSTER

| LN | NAME       |
|----|------------|
| 01 | (Person 1) |
| 02 | (Person 2) |
| 03 | (Person 3) |

---

**SECTION A. SCREENING FOR EVER/EVERY DAY/SOMEDAY SMOKING**

---

**A1 (Have/Has) (you/name) smoked at least 100 cigarettes in (your/his/her) entire life?**

FR: 100 CIGARETTES = APPROXIMATELY 5 PACKS

(1) YES

(2) NO

**BOX 0**

IF A1 = 1, THEN GO TO A2

IF A1 = 2, D OR R AND RESPONDENT IS BETWEEN AGE 18 AND 34, THEN GO TO A3

ELSE, IF A1 = 2, D OR R, THEN GO TO SECTION J

**A2 How old (were/was) (you/name) when (you/he/she) first started smoking cigarettes FAIRLY REGULARLY?**

FR: “FAIRLY REGULARLY” OR “REGULARLY” REFERS TO AGE WHEN STARTED SMOKING CIGARETTES ON A ROUTINE BASIS AS OPPOSED TO AGE WHEN TRIED FIRST CIGARETTE.

ENTER (0) IF NEVER SMOKED REGULARLY

ENTER AGE (01 – AGE)

|\_|\_|

[IF A2 = 0, GO TO A2a]

[IF A2 <= 5, GO TO A2v]

[IF A2 > 5, D OR R, GO TO A3]

**A2v I have recorded that (you/name) (were/was) [fill entry A2] years old when (you/he/she) started smoking cigarettes fairly regularly. Is that correct?**

(1) YES

(2) NO

|\_|

[IF A2v = 1, GO TO A3]

[IF A2v = 2, GO TO A2]

**A2a** You said that (you/name) never smoked regularly. How old (were/was) (you/name) the first time (you/he/she) smoked part or all of a cigarette?

ENTER AGE (01 – AGE):

|\_|\_|

[IF A2a > 5, D OR R, GO TO A3]

[IF A2a <= 5, GO TO A2av]

**A2av** I have recorded that (you/name) (were/was) [fill entry A2a years old) when you first smoked part or all of a cigarette. Is that correct?

(1) YES

(2) NO

|\_|

[IF A2av = 1, GO TO A3]

[IF A2av = 2, GO TO A2a]

**A3** (Do/Does) (you/name) now smoke cigarettes every day, some days, or not at all?

(1) EVERY DAY

(2) SOME DAYS

(3) NOT AT ALL

|\_|

**BOX 1**

IF SELF RESPONDENT BETWEEN AGE 18 AND 34 WHO HAS NOT SMOKED 100+ CIGARETTES (A1 = 2, D OR R) AND:

A3 = (2) SOME-DAY SMOKERS OR D OR R, THEN GO TO SECTION C

A3 = (1) EVERY DAY SMOKERS OR (3) NOT-AT-ALL SMOKERS, THEN GO TO SECTION J

ELSE, IF SELF RESPONDENT AND:

A3 = (1) EVERY DAY SMOKERS, THEN GO TO SECTION B

A3 = (2) SOME-DAY SMOKERS, THEN GO TO SECTION C

A3 = (3) NOT-AT-ALL SMOKERS, THEN GO TO SECTION H

A3 = D, R, THEN GO TO SECTION J

IF PROXY RESPONDENT, THEN GO TO SECTION J



|   |
|---|
| <b>SECTION B. EVERY-DAY SMOKER HISTORY/CONSUMPTION SERIES</b> |
|---|

**B1     On the average, about how many cigarettes do you now smoke each day?**

FR: ONE PACK USUALLY EQUALS 20 CIGARETTES. IF CONVERTING PACKS TO CIGARETTES, ALWAYS VERIFY CALCULATION WITH RESPONDENT.

ENTER NUMBER OF CIGARETTES PER DAY

|\_|\_| (1-99)

|       |
|-------|
| BOX 2 |
|-------|

|  |
|--|
| IF B1 = D OR R, GO TO B1a<br>IF B1 > 40, GO TO B1v<br>ELSE, GO TO B2 |
|--|

**B1a    Would you say that, on average, you now smoke more or less than 20 cigarettes each day?**

- (1) MORE
- (2) LESS
- (3) ABOUT 20 (ONE PACK)

|\_|

[GO TO B2]

**B1v    I have recorded that on the average, you now smoke [fill entry B1] cigarettes a day. Is that correct?**

- (1) YES
- (2) NO

|\_|

[IF B1v = 1, D OR R, GO TO B2]

[IF B1v = 2, GO BACK TO B1 AND CORRECT]

**B2     Do you usually smoke menthol or non-menthol cigarettes?**

- (1) MENTHOL
- (2) NON-MENTHOL
- (3) NO USUAL TYPE

|\_|

**B5a** How soon after you wake up do you typically smoke your first cigarette of the day?

FR: IF NECESSARY, ASK FOR BEST ANSWER IN MINUTES OR HOURS. ENTER  
(0) IF RESPONDENT INSISTS IT VARIES.

**B5anum** ENTER NUMBER  
|\_|\_| (0 – 90)

**B5aunt** ENTER UNIT REPORTED  
(1) MINUTES  
(2) HOURS

|\_|

BOX 5

IF B5a = 0, D OR R, GO TO B5b  
ELSE, GO TO BA6a

**B5b** Would you say you smoke your first cigarette of the day within the first 30 minutes?

- (1) YES
- (2) NO
- (3) VARIES— DO NOT READ

|\_|

[GO TO BA6a]

**BA6a** Do you USUALLY BUY your own cigarettes?

- (1) YES
- (2) NO

|\_|

[IF BA6a = 1, GO TO B6a]  
[IF BA6a = 2, D OR R, GO TO B6e1]

**B6a** Do you USUALLY buy your cigarettes by the pack or by the carton?

FR: A CARTON HAS 10 PACKS.

- (1) PACK
- (2) CARTON
- (3) BUY BOTH PACKS AND CARTONS

|\_|

BOX 6

IF B6a = 1, 3, D OR R, GO TO B6b

IF B6a = 2, GO TO B6c

**B6b/B6b2** What price did you pay for the **LAST PACK** of cigarettes you bought? Please report the cost after using discounts or coupons.

FR: "PRICE PER PACK," ENTER "DOLLARS" ON THE FIRST SCREEN (B6b) AND ENTER "CENTS" ON THE NEXT SCREEN (B6b2)

B6b \$\_\_ (0-99)

B6b2 .\_\_ (0-99)

[GO TO B6c4]

**B6c/B6c2** What price did you pay for the **LAST CARTON** of cigarettes you bought? Please report the cost after using discounts or coupons.

FR: "PRICE PER CARTON," ENTER "DOLLARS" ON THE FIRST SCREEN (B6c) AND ENTER "CENTS" ON THE NEXT SCREEN (B6c2)

B6c \$\_\_ (0-999)

B6c2 .\_\_ (0-99)

[GO TO B6c4]

**B6c4** Did you use coupons, rebates, or any other special promotions when you bought your **LAST** (fill appropriate term here from B6a responses...=1 or 3 or D or R, fill "PACK"; =2, fill "CARTON") of cigarettes?

(1) YES

(2) NO

☐

[GO TO B6d]

**B6d/B6d1** Did you buy your **LAST** (fill appropriate term here from B6a responses...=1 or 3 or D or R fill "PACK"; =2 fill "CARTON") of cigarettes in (fill respondent's state of residence) or in some other state?

(1) IN RESPONDENT'S STATE OF RESIDENCE

(2) IN SOME OTHER STATE (INCLUDING DC)

(3) BOUGHT SOME OTHER WAY (INTERNET, OTHER COUNTRY, INDIAN RESERVATION)

☐

BOX 7

IF B6d1 =1 ENTER AUTOMATICALLY RESPONDENT'S STATE OF  
RESIDENCE IN B6d2, GO TO B6d3  
IF B6d = 2, GO TO B6d2  
IF B6d=3, GO TO B6dOTH  
ELSE, GO TO B6e1

**B6d2 In what other state did you buy your LAST (fill appropriate term here from B6a responses ...= 1, 3, D or R, fill "PACK"; = 2, fill "CARTON") of cigarettes?**

ENTER STATE ABBREVIATION –TEXT OF AT MOST 2 CHARACTERS -

[GO TO B6d3]

**B6d3 Did you buy your LAST (fill appropriate term here from B6a responses...= 1, 3, D or R, fill "PACK"; = 2, fill "CARTON") of cigarettes from an Indian reservation?**

(1) YES

(2) NO

[GO TO B6e1]

**B6dOTH Was the "Other Way" in which you purchased your LAST (fill appropriate term here from B6a responses ...= 1, 3, D or R, fill "PACK"; = 2 fill "CARTON") of cigarettes:**

FR: READ THE FIRST THREE CHOICES

(1) In a foreign country or a duty-free shop

(2) From an Indian reservation OR

(3) By mail-order, phone or internet

(4) SOME OTHER WAY (NOT READ)

[GO TO B6e1]

**B6e1 In the LAST 2 months, have you bought any SINGLE or INDIVIDUAL cigarettes?**

FR: RESPONDENT MAY REFER TO IT AS A "LOOSIE" OR "LOOSE OUT OF THE PACK."

(1) YES

(2) NO

[IF B6e1 = 1, GO TO B6e31]  
[IF B6e1 = 2, D OR R, GO TO B6e4]

**B6e31 Did you buy your LAST SINGLE or INDIVIDUAL cigarette in (fill respondent's state of residence) or in some other state or other country?**

- (1) In respondent's state of residence
- (2) In some other state (including DC)
- (3) In another country
- (4) BOUGHT SOME OTHER WAY (INTERNET, ETC.)

☐

**BOX 7B**

IF B6e31 = 1, ENTER AUTOMATICALLY RESPONDENT'S STATE OF RESIDENCE IN B6e32, GO TO B6e4  
ELSE IF B6e31 = 2 OR 3, GO TO B6e32  
ELSE, GO TO B6e4

**B6e32 In what OTHER state or country did you buy your LAST SINGLE OR INDIVIDUAL cigarette?**

FR: SPELL OUT THE STATE OR COUNTRY NAME.

\_\_\_\_\_ ENTER A TEXT OF AT MOST 40 CHARACTERS.

[GO TO B6e4]

**B6e4 In the LAST 2 months, have you bought loose tobacco to roll-your-own cigarettes?**

- (1) YES
- (2) NO

☐

[GO TO B7c]

**Past Smoking Behavior for Everyday Smokers**

**B7c For how long have you smoked EVERY DAY?**

FR: READ CHOICES 1-4

- (1) All or nearly all the years you have smoked
- (2) Most of the years you have smoked
- (3) Half of the years you have smoked, OR

- (4) Less than half the years you have smoked
- (5) IF VOLUNTEERED: LESS THAN ONE YEAR

☐

[IF B2 = 1, GO TO B7c3]  
[IF B2 = 2, 3, D OR R, GO TO B7c2]

**B7c2 Have you EVER smoked MENTHOL cigarettes for 6 months or more?**

- (1) YES
- (2) NO

☐

[IF B7c2 = 1, THEN GO TO B7c3 AND USE THE APPROPRIATE FILL IN B7c3  
("...did you smoke.....")]  
[ELSE, GO TO B8]

**B7c3 For how long [fill "have you smoked" for those with a B2 = 1/ "did you smoke" for B7c2 = 1] MENTHOL cigarettes?**

FR: READ CHOICES 1-4

- (1) All or nearly all the years you have smoked
- (2) Most of the years you have smoked
- (3) Half of the years you have smoked, or
- (4) Less than half the years you have smoked
- (5) IF VOLUNTEERED: LESS THAN ONE YEAR

☐

[GO TO B8]

**B8 Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?**

- (1) EVERY DAY
- (2) SOME DAYS
- (3) NOT AT ALL

☐

[IF B8 = 1, GO TO B9]  
[IF B8 = 2, GO TO B10A]  
[IF B8 = 3, D OR R, GO TO D1R (3RD QUESTION IN QUIT ATTEMPT SECTION)]

**B9**     **Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?**

FR: ONE PACK USUALLY EQUALS 20 CIGARETTES. IF CONVERTING PACKS TO CIGARETTES, ALWAYS VERIFY CALCULATION WITH RESPONDENT.

ENTER NUMBER OF CIGARETTES PER DAY

|\_|\_| (1-99)

**BOX 7C**

IF B9 = D OR R, GO TO D1R (3rd QUESTION IN QUIT ATTEMPT SECTION)

IF B9 > 40, GO TO B9v

ELSE, GO TO D1R (3rd QUESTION IN QUIT ATTEMPT SECTION)

**B9v**     **I have recorded that on the average, you smoked [fill entry B9] cigarettes a day 12 months ago. Is that correct?**

(1) YES

(2) NO

|\_|

[IF B9v = 2, GO BACK TO B9 AND CORRECT]

[IF B9v = 1, D OR R, GO TO D1R (3rd QUESTION IN QUIT ATTEMPT SECTION)]

**B10a**     **Around this time 12 MONTHS AGO, on how many of the 30 days in the month did you smoke cigarettes?**

FR: ENTER (0) FOR NONE

|\_|\_| Range 0-30

**BOX 7D**

IF B10a = 0 OR 30, GO TO B10av

ELSE, GO TO B10b

**B10av**     **You said that you smoked cigarettes some days. Is that correct?**

(1) YES

(2) NO

|\_|

BOX 7E

IF (B10av = 1 AND B10a = 30), OR B10av = D, R, GO TO B10b  
IF B10av = 1 AND B10a = 0, GO TO D1R (3rd QUESTION IN QUIT  
ATTEMPT SECTION)  
IF B10av = 2, GO BACK TO B8 AND CORRECT

**B10b On the average, on those [If B10a = 1-30 (Fill entry B10a days) If B10a = D, R (Fill days you smoked)], how many cigarettes did you usually smoke each day?**

FR: WE ARE STILL TALKING ABOUT “AROUND THIS TIME 12 MONTHS AGO”

(1-99)

[IF B10b > 40, GO TO B10bv]

[ELSE, GO TO D1R (3rd QUESTION IN QUIT ATTEMPT SECTION)]

**B10bv I have recorded that on the average, when you smoked on those [fill entry B10a] days, you smoked [fill entry B10b] cigarettes a day. Is that correct?**

(1) YES

(2) NO

[IF B10bv = 2, GO BACK TO B10b AND CORRECT]

[ELSE, EVERY-DAY SMOKERS (A3 = 1) GO TO D1R (3rd QUESTION IN QUIT ATTEMPT SECTION)]



---

**SECTION C. SOME-DAY SMOKER SERIES**

---

**C1    On how many of the past 30 days did you smoke cigarettes?**

FR: ENTER (0) FOR NONE

(0-30)

**BOX 9**

IF RESPONDENT BETWEEN AGE 18 AND 34 WHO HAS NOT  
SMOKED 100+ CIGARETTES (A1 = 2, D OR R) AND NOW SMOKES  
SOME DAYS (A3 = 2, D OR R), GO TO SECTION J

ELSE, IF C1 = 0 OR 30, GO TO C1v

ELSE, IF C1 = D OR R, GO TO C1i

ELSE, GO TO C1a

**C1v    You said that you smoked cigarettes some days. Is that correct?**

(1) YES

(2) NO

**BOX 10**

IF C1v = 1 AND C1 = 30, GO TO C1a

IF C1v = 1 AND C1 = 0, GO TO C2

IF C1v = 2, GO TO A3

IF C1v = D OR R, GO TO C1a

**C1i    Would you say you smoked on AT LEAST 12 DAYS in the past 30 days?**

(1) YES

(2) NO

**C1a    On the average, on those [C1 days IF entry for C1 NE D/R, OR “AT LEAST 12 days” IF C1i = 1 YES] days, how many cigarettes did you usually smoke each day?**

IF <= (LESS THAN OR EQUAL TO) 40, THEN GO TO C2

[IF C1a > 40, GO TO C1av]

[IF C1a = D OR R, GO TO C2]

**C1av** I have recorded that on the average, when you smoked on those [C1 / AT LEAST 12] days, you smoked [C1a] cigarettes a day. Is that correct?

(1) YES

(2) NO

☐

[IF C1av = 1, D OR R, GO TO C2]

[IF C1av = 2, GO TO C1a]

**C2** Do you usually smoke menthol or non-menthol cigarettes?

(1) MENTHOL

(2) NON-MENTHOL

(3) NO USUAL TYPE

☐

[GO TO C5a]

**C5a** On the days that you smoke, how soon after you wake up do you typically smoke your first cigarette of the day?

FR: IF NECESSARY, ASK FOR BEST ANSWER IN MINUTES OR HOURS. ENTER

(0) IF RESPONDENT INSISTS IT VARIES

**C5anum** ENTER NUMBER

(0 – 90)

**C5aunt** ENTER UNIT REPORTED

(1) MINUTES

(2) HOURS

☐

BOX 13

IF C5a = 0, D OR R, GO TO C5b

ELSE, GO TO CA6a

**C5b** On the days that you smoke, would you say you smoke your first cigarette of the day within the first 30 minutes?

(1) YES

(2) NO

(3) VARIES— DO NOT READ

☐

[GO TO CA6a]

**CA6a Do you USUALLY BUY your own cigarettes?**

- (1) YES
- (2) NO

☐

[IF CA6a = 1, GO TO C6a]

[IF CA6a = 2, D OR R, GO TO C6e1]

**C6a Do you USUALLY buy your cigarettes by the pack or by the carton?**

FR: A CARTON HAS 10 PACKS

- (1) PACK
- (2) CARTON
- (3) BUY BOTH PACKS AND CARTONS

☐

BOX 14

IF C6a = 1, 3, D OR R, GO TO C6b

IF C6a = 2, GO TO C6c

**C6b/C6b2 What price did you pay for the LAST PACK of cigarettes you bought? Please report the cost after using discounts or coupons.**

FR: PRICE PER PACK

\$ \_\_\_\_ C6b (0-99) ENTER DOLLARS PORTION OF THE PRICE PER PACK

. \_\_\_\_ C6b2 (0-99) ENTER THE CENTS PORTION OF THE PRICE PER PACK

[GO TO C6c4 ]

**C6c/C6c2 What price did you pay for the LAST carton of cigarettes you bought? Please report the cost after using discounts or coupons.**

FR: PRICE PER CARTON

\$ \_\_\_\_ C6c (0-999) ENTER THE DOLLARS PORTION OF THE PRICE PER CARTON

. \_\_\_\_ C6c2 (0-99) ENTER THE CENTS PORTION OF THE PRICE PER CARTON

[GO TO C6c4 ]

**C6c4 Did you use coupons, rebates, or any other special promotions when you bought your LAST (fill appropriate term here from C6a responses...= 1 or 3 or D or R, fill “PACK”; = 2, fill “CARTON”) of cigarettes?**

(1) YES

(2) NO

☐

[GO TO C6d1]

**C6d1 Did you buy your LAST (fill appropriate term here from C6a responses ...= 1, 3, D or R, fill “PACK”; = 2, fill “CARTON”) of cigarettes in [fill respondent’s state of residence] or in some other state?**

(1) IN RESPONDENT’S STATE OF RESIDENCE

(2) IN SOME OTHER STATE (INCLUDING DC)

(3) BOUGHT SOME OTHER WAY (INTERNET, OTHER COUNTRY, INDIAN RESERVATION...)

☐

BOX 15

IF C6d1 =1, ENTER AUTOMATICALLY RESPONDENT’S STATE OF RESIDENCE IN C6d2, GO TO C6d3  
ELSE IF C6d1 = 2, GO TO C6d2  
ELSE IF C6d1 = 3, GO TO C6dOTH  
ELSE, GO TO C6e1

**C6d2 In what other state did you buy your LAST (fill appropriate term here: pack/carton from C6a responses ... = 1, 3, D or R, fill “PACK”; = 2, fill “CARTON”) of cigarettes?**

☐☐ ENTER 2 CHARACTER STATE ABBREVIATION

[GO TO C6d3]

**C6d3 Did you buy your LAST (fill appropriate term here from C6a responses ... = 1, 3, D or R, fill “PACK”; = 2, fill “CARTON”) of cigarettes from an Indian reservation?**

(1) YES

(2) NO

☐

[GO TO C6e1]

**C6dOTH Was the “Other Way” in which you purchased your LAST (fill appropriate term here from C6a responses ...= 1, 3, D or R, fill “PACK”; = 2, fill “CARTON”) of cigarettes...**

FR: READ THE FIRST THREE CHOICES

- (1) In a foreign country or a duty-free shop
- (2) From an Indian reservation or
- (3) By mail-order, phone or internet
- (4) SOME OTHER WAY (NOT READ)

| |

[GO TO C6e1]

**C6e1 In the LAST 2 months, have you bought any SINGLE or INDIVIDUAL cigarettes?**

FR: RESPONDENT MAY REFER TO IT AS A “LOOSIE” OR “LOOSE OUT OF THE PACK.

- (1) YES (BOUGHT)
- (2) NO (DID NOT BUY)

[IF C6e1 = 1, GO TO C6e31]

[IF C6e1 = 2, D OR R, GO TO C6e4]

**C6e31 Did you buy your LAST SINGLE or INDIVIDUAL cigarette in [fill respondent’s state of residence] or in some other state or other country?**

- (1) IN RESPONDENT’S STATE OF RESIDENCE
- (2) IN SOME OTHER STATE (INCLUDING DC)
- (3) IN ANOTHER COUNTRY
- (4) BOUGHT SOME OTHER WAY (INTERNET, ETC...)

| |

**BOX 15B**

IF C6e31 =1, ENTER AUTOMATICALLY RESPONDENT’S STATE OF RESIDENCE IN C6e32, GO TO C6e4

IF C6e31 = 2 OR 3, GO TO C6e32

ELSE, GO TO C6e4

**C6e32 In what OTHER state or other country did you buy your LAST SINGLE OR INDIVIDUAL cigarette?**

FR: SPELL OUT THE STATE OR COUNTRY NAME. ENTER A TEXT OF AT MOST 40 CHARACTERS]

[GO TO C6e4]

**C6e4 In the LAST 2 months, have you bought loose tobacco to roll-your-own cigarettes?**

(1) YES

(2) NO

☐

[GO TO C7a]

**Past Smoking Behavior for Some-Day Smokers**

**C7a Have you EVER smoked cigarettes EVERY DAY for at least 6 months?**

(1) YES

(2) NO

☐

[IF C7a = 1, GO TO C7d]

[IF C7a = 2, D OR R, AND IF C2 = 1, GO TO C7d3]

[ELSE IF C7a = 2, D OR R, AND C2 = 2, 3, D OR R, GO TO C7d2]

**C7d For how long did you smoke EVERY DAY?**

FR: READ CHOICES 1-4

(1) All or nearly all the years you have smoked

(2) Most of the years you have smoked

(3) Half of the years you have smoked, OR

(4) Less than half the years you have smoked

(5) IF VOLUNTEERED: LESS THAN ONE YEAR

☐

[IF C2 = 1, GO TO C7d3]

[IF C2 = 2, 3, D OR R, GO TO C7d2]

**C7d2 Have you EVER smoked MENTHOL cigarettes for 6 months or more?**

(1) YES

(2) NO

☐

[IF C7d2 = 1, THEN GO TO C7d3 and fill C7d3 with “did you smoke”]  
[IF C7a = 2, D OR R, GO TO C8]  
[ELSE, GO TO C7e]

**C7d3 For how long [fill “have you smoked” for C2 = 1 / fill “did you smoke” for C7d2 = 1] MENTHOL cigarettes?**

FR: READ CHOICES 1-4

- (1) All or nearly all the years you have smoked
- (2) Most of the years you have smoked
- (3) Half of the years you have smoked, OR
- (4) Less than half the years you have smoked
  
- (5) IF VOLUNTEERED: LESS THAN ONE YEAR

☐

[IF C7a = 2, D OR R, GO TO C8]  
[ELSE, GO TO C7e]

**C7e When you last smoked every day, on average how many cigarettes did you smoke each day?**

FR: ENTER NUMBER OF CIGARETTES EACH DAY

(1-99)

[IF C7e < = 40, GO TO C8]  
[IF C7e > 40, GO TO C7ev]  
[IF C7e = D OR R, GO TO C8]

**C7ev I have recorded that when you last smoked every day, on the average you smoked [fill entry C7e] cigarettes each day. Is that correct?**

- (1) YES
- (2) NO

☐

[IF C7ev = 1, D OR R, GO TO C8]  
[IF C7ev = 2, GO TO C7e]

**C8     Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?**

- (1) Every day
- (2) Some days
- (3) Not at all

|\_|

[IF C8 = 1, GO TO C9]

[IF C8 = 2, GO TO C10a]

[IF C8 = 3, D OR R, GO TO BOX 18]

**C9     Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?**

FR: ONE PACK USUALLY EQUALS 20 CIGARETTES. IF CONVERTING PACKS TO CIGARETTES, ALWAYS VERIFY CALCULATION WITH RESPONDENT.

ENTER NUMBER OF CIGARETTES PER DAY

|\_|\_| (1-99)

BOX16B

IF C9 = D OR R, GO TO BOX 18

IF C9 > 40, GO TO C9v

ELSE, GO TO BOX 18

**C9v    I have recorded that on the average, you smoked [fill entry C9] cigarettes a day 12 months ago. Is that correct?**

- (1) YES
- (2) NO

|\_|

[IF C9v = 1, D OR R, GO TO BOX 18]

[IF C9v = 2, GO TO C9]

**C10a   Around this time 12 MONTHS AGO, on how many of the 30 days in the month did you smoke cigarettes?**

FR: ENTER (0) FOR NONE

|\_|\_| (0 – 30)



BOX 16C

IF C10a = 0 OR 30, GO TO C10av  
If C10a = D OR R, GO TO C10b  
ELSE, GO TO C10b

**C10av You said that you smoked cigarettes some days. Is that correct?**

- (1) YES
- (2) NO

☐

BOX 16D

IF (C10av = 1 AND C10a = 30), OR C10av = D OR R, GO TO C10b  
ELSE, IF C10av = 1 AND C10a = 0, GO TO BOX 18  
ELSE, IF C10av = 2, GO TO C8 AND CORRECT  
ELSE, GO TO C10b

**C10b On the average, on those [fill entry C10a days; If C10a=D OR R, then fill with “days you smoked”], how many cigarettes did you usually smoke each day?**

**We are still talking about “around this time 12 months ago.”**

(1-99)

[IF C10b <= 40, GO TO BOX 18]

[IF C10b > 40, GO TO C10bv]

[IF C10b = D OR R, GO TO BOX 18]

**C10bv I have recorded that on the average, when you smoked on those [fill entry C10a days; If C10a = D OR R, then fill with “days you smoked”], you smoked [fill entry C10b] cigarettes a day. Is that correct?**

- (1) YES
- (2) NO

☐

[IF C10bv = 2, GO TO C10b AND CORRECT]

BOX 18

IF ENTRY IN C1 >= 12 DAYS IN THE PAST 30 DAYS, GO TO D1R  
(3<sup>rd</sup> question in Section D)  
ELSE, IF C1i = 1, GO TO D1R (3<sup>rd</sup> question in Section D)  
ELSE, IF ENTRY IN C1 < 12, GO TO Da  
ELSE, IF C1i = 2, D OR R, GO TO Da

---

**SECTION D. PAST 12-MONTH QUIT ATTEMPTS FOR CURRENT EVERY-DAY  
AND SOME-DAY SMOKERS**

---

**PAST 12-MONTH QUIT ATTEMPTS FOR SOME-DAY SMOKERS SMOKING <12  
DAYS IN THE PAST 30 DAYS**

**Da During the PAST 12 MONTHS, have you TRIED to QUIT smoking  
COMPLETELY?**

- (1) YES  
(2) NO

☐

[IF Da = 1, GO TO D3b]  
[IF Da = 2, D OR R, GO TO Db]

**Db Have you EVER TRIED to QUIT smoking COMPLETELY?**

- (1) YES  
(2) NO

☐

[GO TO F1a]

**PAST 12-MONTH QUIT ATTEMPTS FOR EVERY-DAY AND  
SOME-DAY SMOKERS ≥12 DAYS DURING THE PAST 30 DAYS**

**Quit attempts of 1 day or longer:**

**D1R During the PAST 12 MONTHS, have you stopped smoking for ONE DAY or longer  
BECAUSE YOU WERE TRYING TO QUIT SMOKING?**

- (1) YES  
(2) NO

☐

[IF D1R = 1, GO TO D3]  
[IF D1R = 2, D OR R, GO TO D7R]

**D3     How many TIMES during the past 12 months have you stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?**

FR: READ CHOICES

- (1) Once (1 time)
- (2) 2-3 times
- (3) 4 or more times

/\_\_\_/

BOX 19

IF D3 = D OR R, GO TO D3b  
ELSE, IF D3 = 1, GO TO D6  
ELSE, IF D3 = 2 OR 3, GO TO D6c

**D3b    Would you say that during the past 12 months it was MORE THAN 3 TIMES that you...[fill “have stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?” IF D3 = D, R; fill “TRIED to QUIT smoking COMPLETELY?” IF Da = 1]**

- (1) YES
- (2) NO

/\_\_\_/

[GO TO D6c]

**D6     During the PAST 12 MONTHS, what is the LENGTH of time of this single quit attempt where you stopped smoking because you were TRYING to quit smoking?**

FR NOTE: IF QUIT ATTEMPT BEGAN MORE THAN 12 MONTHS AGO BUT ENDED WITHIN THE PAST 12 MONTHS, COUNT ALL OF IT.

**D6num    ENTER NUMBER (1 - 99)**

|\_|\_|

**D6unt    ENTER UNIT REPORTED**

- (1) DAYS
- (2) WEEKS
- (3) MONTHS
- (4) YEARS

/\_\_\_/

BOX 20

IF D6num AND/OR D6unt = D OR R, GO TO D6b

IF D6num >18 AND D6unt = 2, GO TO D6v

IF D6num > 12 AND D6unt=3, GO TO D6v

IF D6num >2 AND D6unt = 4, GO TO D6v

ELSE, GO TO SECTION E

**D6v** I have recorded that the length of time of this single quit attempt where you stopped smoking in the past 12 months because you were TRYING to quit smoking was [fill entry D6num and D6unt]? Is that correct?

(1) YES

(2) NO

/\_\_\_/

[IF D6v = 1, GO TO SECTION E BOX 21]

[IF D6v = 2, GO TO D6num]

**D6b** Was it more or less than one week?

(1) MORE

(2) LESS

(3) ONE WEEK

|\_\_|

[GO TO SECTION E, BOX 21]

**D6c** Thinking of those attempts during the past 12 months, what was the length of time of the ONE attempt that lasted the longest?

FR NOTE: IF QUIT ATTEMPT BEGAN MORE THAN 12 MONTHS AGO BUT ENDED WITHIN THE PAST 12 MONTHS, COUNT ALL OF IT.

**D6cnum** ENTER NUMBER (1 - 99)

|\_\_|

**D6cunt** ENTER UNIT REPORTED

(1) DAYS

(2) WEEKS

(3) MONTHS

(4) YEARS

/\_\_\_/

BOX 20B

IF D6cnum AND/OR D6cunt = D OR R, GO TO D6c2

IF D6cnum >18 AND D6cunt = 2, GO TO D6cv

IF D6cnum > 12 AND D6cunt = 3, GO TO D6cv

IF D6cnum >2 AND D6cunt = 4, GO TO D6cv

ELSE, GO TO SECTION E, BOX 21

**D6cv I have recorded that the length of time of your LONGEST single quit attempt where you stopped smoking in the past 12 months because you were TRYING to quit smoking was [fill entry D6cnum and D6cunt]? Is that correct?**

(1) YES

(2) NO

/\_\_\_/

[IF D6cv = 1, GO TO SECTION E BOX 21]

[IF D6cv = 2, GO TO D6cnum]

**D6c2 Was it more or less than one week?**

(1) MORE

(2) LESS

(3) ONE WEEK

|\_\_\_|

[GO TO SECTION E, BOX 21]

**Quit attempts of less than a day (if no quit attempts lasting for one DAY or more):**

**D7R DURING THE PAST 12 MONTHS, have you made a serious attempt to stop smoking because you were TRYING to quit – even if you stopped for less than a day?**

(1) YES

(2) NO

/\_\_\_/

[IF D7R = 1, GO TO SECTION E, BOX 21]

[IF D7R = 2, D OR R, GO TO D8R]

**D8R Have you EVER made a serious attempt to stop smoking because you were TRYING to quit – even if you stopped for less than a day?**

(1) YES

(2) NO

/\_\_\_/

[GO TO F1a]

---

**SECTION E. METHODS USED DURING PAST (12-MONTH) QUIT ATTEMPTS  
(EVERY-DAY AND SOME-DAY SMOKERS)**

---

BOX 21

IF D3 = 1, THEN FILL ALL OF E1a, E1b, E1c SERIES WITH “The time”

ELSE, FILL ALL OF E1a, E1b, E1c SERIES WITH “The LAST TIME”

**E1a    Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months:**

**Did you use ANY of the following PRODUCTS:**

(1) YES

(2) NO

**E1a123    ☐ A NICOTINE ..... patch, gum, lozenge, nasal spray or inhaler?**

FR: REPEAT THE WORD “NICOTINE” AS NEEDED FOR EACH OF THOSE NICOTINE PRODUCTS

**E1a7ab    ☐ A prescription pill, called Chantix, Varenicline, Zyban, Bupropion, or Wellbutrin?**

FR: CHANTIX IS PRONOUNCED [“CHAN-tix”] AND VARENICLINE IS PRONOUNCED [“va-REN-i-cleen”].

FR: ZYBAN IS PRONOUNCED [“ZYE-ban”], BUPROPION IS PRONOUNCED [“byoo-PROE-pee-on”] AND WELLBUTRIN IS PRONOUNCED [“well-byoo-trin”].

**E1b    Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months:**

**Did you use ANY of the following:**

(1) YES

(2) NO

**E1b1    ☐ A telephone help line or quit line?**

**E1b2    ☐ One-on-one IN-PERSON counseling by a health professional?**

**E1b3    ☐ A stop smoking clinic, class, or support group?**

**E1b5    ☐ Internet or web-based program or tool including smartphone apps and text messaging programs?**

**E1c     The (LAST TIME / time) you tried to QUIT smoking in the past 12 months: Did you do ANY of the following:**

FR: FOR THIS QUESTION, RE-READ STEM PERIODICALLY

- (1) YES
- (2) NO

**E1c2    ☐    Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff, or snus?**

FR: PRONOUNCE “SNUS” TO RHYME WITH “GOOSE.”

**E1c2b   ☐    Try to quit by SWITCHING to regular cigars, cigarillos, little filtered cigars or ANY pipes filled with tobacco?**

FR: IF ASKED “ANY PIPES FILLED WITH TOBACCO” INCLUDES EITHER OR BOTH “REGULAR/TRADITIONAL” PIPES AND “WATER OR HOOKAH” PIPES --AS LONG AS THEY ARE FILLED WITH TOBACCO. ALSO, CIGARS SHOULD BE FILLED WITH TOBACCO.

[IF E1c2b = 2, D OR R, GO TO E1c2c]

[ELSE, GO TO E1c2d]

**E1c2c   ☐    Try to quit by SWITCHING to electronic or E-cigarettes? You may also know them as vape-pens, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE “JEWEL”*).**

[GO TO F1a]

**E1c2d   Did you switch to.....?**

- (1) YES
- (2) NO

**E1c2d1 ☐    Cigars, cigarillos, little filtered cigars**

**E1c2d2 ☐    Regular pipes filled with tobacco**

**E1c2d3 ☐    Water or hookah {pronounced who-kah} pipes filled with tobacco**



**E1cZ2c** The (LAST TIME/ time) you tried to quit smoking in the past 12 months, did you try to quit by SWITCHING to electronic or E-cigarettes? You may also know them as vape-pens, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE “JEWEL”*).

- (1) YES
- (2) NO

☐

[GO TO F1a]

---

**SECTION F. DOCTOR/DENTIST ADVICE TO STOP SMOKING --- CURRENT AND SOME-DAY SMOKERS**

---

**F1a In the PAST 12 MONTHS have you SEEN a medical doctor?**

FR: RESPONDENTS SHOULD ANSWER "YES" IF THEY VISITED THEIR DOCTOR FOR ANY MEDICAL REASON (NOT ONLY FOR SMOKING RELATED REASONS).

(1) YES

(2) NO

/\_\_\_/

[IF F1a = 1, GO TO F1b]

[IF F1a = 2, D OR R, GO TO G1]

**F1b During the PAST 12 MONTHS, did any medical doctor ADVISE you to stop smoking?**

(1) YES

(2) NO

/\_\_\_/

[GO TO G1]

---

**SECTION G. STAGES OF CHANGE – EVERY DAY/SOME-DAY SMOKERS**

---

**G1** Are you seriously considering quitting smoking within the next 6 months?

(1) YES

(2) NO

/\_\_\_/

[IF G1 = 1, GO TO G2]

[IF G1 = 2, D OR R, GO TO G3]

**G2** Are you planning to quit within the next 30 days?

(1) YES

(2) NO

/\_\_\_/

[GO TO G3]

**G3** Overall, on a scale from 1 to 10 where 1 is NOT AT ALL interested and 10 is EXTREMELY interested, how interested are you in quitting smoking?

FR: Enter a numeric value between 1 and 10.

|\_\_|

[IF G3 = 1, GO TO SECTION J]

[ELSE, GO TO G4]

**G4** If you did try to quit smoking altogether in the next 6 months, how **LIKELY** do you think you would be to succeed --- not at all, a little likely, somewhat likely or very likely?

(1) NOT AT ALL

(2) A LITTLE LIKELY

(3) SOMEWHAT LIKELY

(4) VERY LIKELY

|\_\_|

[ALL EVERY DAY/SOME DAY SMOKERS (A3 = 1 OR 2) GO TO SECTION J]

---

## SECTION H. FORMER SMOKER SECTION

---

**H1NUM/UNT** About how long has it been since you **COMPLETELY** quit smoking cigarettes?

**H1NUM** ENTER NUMBER

(1-99)

**H1UNT** ENTER UNIT REPORTED

- (1) DAYS
- (2) WEEKS
- (3) MONTHS
- (4) YEARS

BOX 24

IF H1NUM > 18 AND H1UNT = 2, GO TO H1v

IF H1NUM > 30 AND H1UNT = 3, GO TO H1v

IF H1NUM > (AGE - [ENTRY A2]) AND H1UNT = 4, THEN GO TO H1ERR

ELSE IF H1NUM/UNT IS LESS THAN 5 MONTHS (OR EQUIVALENT), GO TO H1B

ELSE GO TO H2

**H1ERR** \*\*\* FR DO NOT READ \*\*\*

It was reported (in item A2) that this person first started smoking greater than [fill AGE - (entry to A2)] years ago. Response of [fill entry H1NUM/UNT] (in item H1NUM/UNT) is inconsistent.

(B) Back to correct

[GO TO H1NUM]

**H1v** I have recorded that it has been about [fill entry H1NUM and H1UNT] since you completely quit smoking cigarettes? Is that correct?

(1) YES

(2) NO

/\_\_\_/

[IF H1v = 1 AND IF H1NUM/UNT IS LESS THAN 5 MONTHS (OR EQUIVALENT),  
GO TO H1B]

[ELSE IF H1v = 1, GO TO H2]

[IF H1v = 2, GO TO H1NUM]

**H1B** In the PAST 12 months, was [enter duration from H1NUM/UNT] the longest time you stopped smoking cigarettes because you were trying to quit?

(1) YES

(2) NO

/\_\_\_/

[IF H1B = 2, GO TO H1C]

[ELSE, IF H1B = 1, D OR R, GO TO H2]

**H1C** During the PAST 12 MONTHS, what WAS the LONGEST length of time you stopped smoking because you were TRYING to quit smoking?

**OR**

**Thinking of your attempts to quit during the past 12 months, what was the length of time of the ONE attempt that lasted the longest?**

FR: IF QUIT ATTEMPT BEGAN MORE THAN 12 MONTHS AGO BUT ENDED WITHIN THE PAST 12 MONTHS, COUNT ALL OF IT.

**H1Cnum** ENTER NUMBER

|\_|\_| (1 - 99)

**H1Cunt** ENTER UNIT REPORTED

(1) DAYS

(2) WEEKS

(3) MONTHS

(4) YEARS

|\_|

**BOX 25**

IF H1Cnum AND/OR H1Cunt = D OR R, GO TO H2

IF H1Cnum > 18 AND H1Cunt = 2, GO TO H1Cv

IF H1Cnum > 12 AND H1Cunt = 3, GO TO H1Cv

IF H1Cnum > 2 AND H1Cunt = 4, GO TO H1Cv

ELSE, GO TO H2

**H1Cv I have recorded that the LONGEST length of time you stopped smoking in the past 12 months because you were TRYING to quit smoking was [fill entry H1C num and H1Cunt]? Is that correct?**

(1) YES

(2) NO

/\_\_\_/

[IF H1Cv = 1, GO TO H2]

[IF H1Cv = 2, GO TO H1Cnum]

**H2 Have you EVER smoked cigarettes EVERY DAY for at least 6 months?**

(1) YES

(2) NO

/\_\_\_/

[IF H2 = 1, GO TO H5]

[IF H2 = 2, D OR R, GO TO BOX 26]

**H5 For how long did you smoke EVERY DAY?**

FR: READ FIRST 4 CHOICES

(1) All or nearly all the years you have smoked

(2) Most of the years you have smoked

(3) Half of the years you have smoked, or

(4) Less than half the years you have smoked

(5) IF VOLUNTEERED: LESS THAN ONE YEAR

|\_\_\_|

**H5a** When you last smoked every day, on average how many cigarettes did you smoke each day?

FR: ENTER NUMBER OF CIGARETTES EACH DAY

(1-99)

[IF H5a <= 40, D OR R, GO TO BOX 26

[IF H5a > 40, GO TO H5av]

**H5av** I have recorded that when you last smoked every day, on the average you smoked [fill entry H5a] cigarettes each day. Is that correct?

(1) YES

(2) NO

/  /

[IF H5av = 1, GO TO BOX 26]

[IF H5av = 2, GO TO H5a]

**BOX 26**

IF H1 <= (LESS THAN OR EQUAL TO) 1 YEAR (12 MONTHS, 52 WEEKS, 99 DAYS), GO TO H6  
ELSE, GO TO H11a

**H6** Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?

(1) Every day

(2) Some days

(3) Not at all

[IF H6 = 1, GO TO H6A]

[IF H6 = 2, GO TO H6B]

[IF H6 = 3, D OR R, GO TO H6C2]

**H6A** Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?

FR: ONE PACK USUALLY EQUALS 20 CIGARETTES. IF CONVERTING PACKS TO CIGARETTES, ALWAYS VERIFY CALCULATION WITH RESPONDENT.

ENTER NUMBER OF CIGARETTES PER DAY

|\_|\_| (1-99)

BOX 26A

IF H6A > 40, GO TO H6Av  
ELSE, GO TO H6C2

**H6Av I have recorded that on the average, you smoked [fill entry H6A] cigarettes a day 12 months ago. Is that correct?**

(1) YES

(2) NO

/\_\_\_/

[IF H6Av = 1, GO TO H6C2]

[IF H6Av = 2, GO TO H6A TO CORRECT]

**H6B Around this time 12 MONTHS AGO, on how many of 30 days in the month did you smoke cigarettes?**

FR: ENTER (0) FOR NONE

|\_|\_| (0-30)

BOX 26B

IF H6B = 0 OR 30, THEN GO TO H6Bv  
ELSE, GO TO H6C

**H6Bv You said that you smoked cigarettes some days. Is that correct?**

(1) YES

(2) NO

/\_\_\_/

BOX 26C

IF H6Bv = 1 AND H6B = 30, GO TO H6C  
ELSE, IF H6Bv = 1 AND H6B = 0, GO TO H6C2  
ELSE, IF H6Bv = 2, GO TO H6

**H6C On the average, on those [fill entry H6B] days, how many cigarettes did you usually smoke each day?**



**We are still talking about “around this time 12 months ago”.**

☐☐

[IF H6C ≤ 40, D OR R, GO TO H6C2]  
[ELSE, GO TO H6Cv]

**H6Cv I have recorded that on the average, when you smoked on those [fill entry H6B] days, you smoked [fill entry H6C] cigarettes a day. Is that correct?**

- (1) YES
- (2) NO

/\_\_\_/

[IF H6Cv = 2, GO TO H6C]  
[IF H6Cv = 1, GO TO H6C2]

**H6C2 Thinking back to the 12 MONTHS BEFORE YOU QUIT SMOKING CIGARETTES, during that time, did you usually smoke menthol or non-menthol cigarettes?**

- (1) MENTHOL
- (2) NON-MENTHOL
- (3) NO USUAL TYPE

☐

[IF H6C2 = 1, GO TO H6C5]  
[IF H6C2 = 2, 3, D OR R, GO TO H6C4]

**H6C4 Have you EVER smoked MENTHOL cigarettes for 6 months or more?**

- (1) YES
- (2) NO

/\_\_\_/

[IF H6C4 = 1, GO TO H6C5]  
[ELSE, GO TO H6d]

**H6C5 For how long did you smoke MENTHOL cigarettes?**

FR: READ FIRST 4 CHOICES

- (1) All or nearly all the years you have smoked
- (2) Most of the years you have smoked
- (3) Half of the years you have smoked, or

- (4) Less than half the years you have smoked  
(5) IF VOLUNTEERED: LESS THAN ONE YEAR

☐

**H6d** Now I would like to ask about **HOW** you went about completely quitting smoking. When you quit smoking completely, did you use **ANY** of the following **PRODUCTS**:

- (1) YES  
(2) NO

**H6d123** ☐ **A NICOTINE...patch, gum, lozenge, nasal spray or inhaler?**  
FR: REPEAT THE WORD "NICOTINE" AS *NEEDED* FOR EACH OF THOSE NICOTINE PRODUCTS

**H6d7ab** ☐ **A prescription pill, called Chantix, Varenicline, Zyban, Bupropion, or Wellbutrin?**  
FR: CHANTIX IS PRONOUNCED ["CHAN-tix"] AND VARENICLINE IS PRONOUNCED ["va-REN-i-cleen"] ZYBAN IS PRONOUNCED ["ZYE-ban"], BUPROPION IS PRONOUNCED ["byoo-PROE-pee-on"] AND WELLBUTRIN IS PRONOUNCED ["well-byoo-trin"].

**H6e1** When you quit smoking completely, did you use **ANY** of the following:

- (1) YES  
(2) NO

**H6e1** ☐ A telephone help line or quit line?

**H6e2** ☐ One-on-one IN-PERSON counseling by a health professional?

**H6e3** ☐ A stop smoking clinic, class, or support group?

**H6e5** ☐ Internet or a web-based program or tool including smartphone apps and text messaging programs?

**H6F** When you quit smoking completely, did you do **ANY** of the following, whether or not you think they were effective:

FR: FOR THIS QUESTION, RE-READ STEM PERIODICALLY

- (1) YES  
(2) NO

**H6Fa2** ☐ Try to quit by **SWITCHING** to smokeless tobacco such as chewing tobacco, snuff, or snus?  
FR: PRONOUNCE "SNUS" TO RHYME WITH "GOOSE."

**H6Fa2b** ☐ **Try to quit by SWITCHING to regular cigars, cigarillos, little filtered cigars or ANY pipes filled with tobacco?**

FR NOTE: IF ASKED “ANY PIPES FILLED WITH TOBACCO” INCLUDES EITHER OR BOTH “REGULAR/TRADITIONAL” PIPES AND “WATER OR HOOKAH” PIPES --AS LONG AS THEY ARE FILLED WITH TOBACCO. ALSO, CIGARS SHOULD BE FILLED WITH TOBACCO.

[IF H6Fa2b = 2, D OR R, GO TO H6Fa2c]

[ELSE, GO TO H6Fa2d]

**H6Fa2c** ☐ **Try to quit by SWITCHING to electronic or E-cigarettes? You may also know them as vape-pens, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE “JEWEL”*).**

[GO TO H61a]

**H6Fa2d** **Did you switch to.....?**

(1) YES

(2) NO

**H6Fa2d1** ☐ **Cigars, cigarillos, little filtered cigars**

**H6Fa2d2** ☐ **Regular pipes filled with tobacco**

**H6Fa2d3** ☐ **Water or hookah {pronounced who-kah} pipes filled with tobacco**

**H6FaZ2c** **When you quit smoking completely, did you try to quit by SWITCHING to electronic or E-cigarettes? You may also know them as vape-pens, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE “JEWEL”*).**

(1) YES

(2) NO

☐

[GO TO H61a]

**H61a** **In the 12 MONTHS BEFORE you COMPLETELY quit smoking, did you SEE a medical doctor?**

FR: RESPONDENTS SHOULD ANSWER “YES” IF THEY VISITED THEIR DOCTOR FOR ANY MEDICAL REASON (NOT ONLY FOR SMOKING RELATED REASONS).

- (1) YES  
(2) NO

☐

[IF H61a = 1, GO TO H61b]

[IF H61a = 2, D OR R, GO TO H8a]

**H61b During the 12 MONTHS BEFORE you completely quit smoking, did any medical doctor ADVISE you to stop smoking?**

- (1) YES  
(2) NO

☐

[GO TO H8a]

**H8a During the 12 MONTHS before you quit smoking, how soon after you woke up did you typically smoke your first cigarette of the day?**

FR: IF NECESSARY, ASK FOR BEST ANSWER IN MINUTES OR HOURS  
ENTER (0) IF RESPONDENT INSISTS IT VARIES

**H8aNUM** ENTER NUMBER

(0 – 90)

**H8aUNT** ENTER UNIT REPORTED

- (1) MINUTES  
(2) HOURS

☐

BOX 29

IF H8aNUM = 0, D OR R, GO TO H8b

ELSE, GO TO SECTION J

**H8b During the 12 months before you quit smoking, would you say you smoked your first cigarette of the day within the first 30 minutes of awakening?**

- (1) YES  
(2) NO  
(3) VARIES— DO NOT READ

☐

[GO TO SECTION J]

[The menthol questions are repeated again below for those who stopped smoking greater than 1 year ago (or EQUIVALENT), OR H1 = D, R -- as indicated in Box 26]

**H11a Thinking back to the 12 MONTHS BEFORE YOU COMPLETELY QUIT SMOKING CIGARETTES, during that time, DID YOU USUALLY SMOKE menthol or non-menthol cigarettes?**

- (1) MENTHOL
- (2) NON-MENTHOL
- (3) NO USUAL TYPE

☐

[IF H11a = 1, GO TO H11d]

[IF H11a =2, 3, D OR R, GO TO H11c]

**H11c Have you EVER smoked MENTHOL cigarettes for 6 months or more?**

- (1) Yes
- (2) No

☐

[IF H11c= 1, GO TO H11d]

[ELSE, GO TO SECTION J]

**H11d For how long did you smoke MENTHOL cigarettes?**

FR: READ FIRST 4 CHOICES

- (1) All or nearly all the years you have smoked
- (2) Most of the years you have smoked
- (3) Half of the years you have smoked, or
- (4) Less than half the years you have smoked
- (5) IF VOLUNTEERED: LESS THAN ONE YEAR

☐

[SKIP TO SECTION J]

---

**SECTION J. OTHER TOBACCO USE – ALL RESPONDENTS**

---

**J** The next questions are about the use of tobacco other than in cigarettes.

PRESS 1 TO CONTINUE

**J1a** (Have/Has) (you/name) EVER used any of the following EVEN ONE TIME?

(1) YES

(2) NO

**J1a1** ☐ ...A regular cigar or cigarillo (in Spanish use “medium size cigar” instead of the word “cigarillo”) OR a little filtered cigar?

**FR:** IF ASKED, “cigar smoking” ONLY INCLUDES CIGAR TOBACCO. IT DOES NOT INCLUDE SMOKING CIGARS ONLY WITH MARIJUANA (OR “BLUNTS”), HASHISH OR OTHER SUBSTANCES.

**FR:** Regular cigars ARE DIFFERENT FROM little filtered cigars. THEY CAN BE large cigars, OR SMALLER IN SIZE SUCH AS cigarillos (IN SPANISH USE “medium size cigars” INSTEAD OF THE WORD “cigarillos” HERE.) THEY ARE USUALLY SOLD INDIVIDUALLY OR IN PACKS OF **2 OR 3**. SOME COMMON BRANDS ARE BLACK AND MILD’S, SWISHER SWEETS CIGARILLOS, AND PHILLIES BLUNTS, BUT THERE ARE OTHERS.

**FR:** Little filtered cigars ARE DIFFERENT FROM regular cigars and cigarillos (in Spanish use “medium size cigars” instead of word “cigarillos” here). THEY RESEMBLE CIGARETTES IN SIZE, AND ARE OFTEN SOLD IN PACKS OF 20. THEY ARE USUALLY BROWN IN COLOR AND HAVE A SPONGY FILTER LIKE A CIGARETTE. SOME COMMON BRANDS ARE PRIME TIME, WINCHESTER AND CHEYENNE LITTLE FILTERED CIGARS, BUT THERE ARE OTHERS.

---

**J1a2** ☐ ...A regular pipe filled with tobacco

**FR:** IF ASKED, “pipe smoking” ONLY INCLUDES PIPE TOBACCO. IT DOES NOT INCLUDE SMOKING HASHISH, MARIJUANA, CRACK, OR OTHER SUBSTANCES IN A PIPE. DO NOT INCLUDE WATER PIPES/HOOKAHS {who - kahs OR OTHER NAMES: SHISHA/NARGHILE/ARGILEH, OR HUBBLE-BUBBLE

---

**J1a3** ☐ ...A water pipe or hookah {pronounced: who-kah} pipe filled with tobacco?

**FR:** IF ASKED, “water pipe or hookah {who -kah} pipe smoking” ONLY INCLUDES PIPE TOBACCO. IT DOES NOT INCLUDE SMOKING HASHISH, MARIJUANA, CRACK, OR OTHER SUBSTANCES IN A PIPE. A WATER PIPE OR HOOKAH {who -kah} PIPE IS ALSO REFERRED TO AS A SHISHA, NARGHILE, ARGILEH OR HUBBLE-BUBBLE.

**J1A3.5 INTRO:** The next question is about electronic or e-cigarettes. You may also know them as vape-pens, e-hookahs, vapes or mods. Some look like cigarettes, and others look like pens or are rectangular or box-shaped. These are battery-powered, usually contain liquid nicotine, and produce vapor instead of smoke. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE “JEWEL”*).

**J1a3.5 (Have/Has)(you/name) EVER used E-cigarettes EVEN ONE TIME?**

- (1) YES
- (2) NO

☐

FR: E-CIGARETTES AND SIMILAR PRODUCTS CAN BE BOUGHT AS ONE-TIME, DISPOSABLE PRODUCTS, AS RE-USABLE KITS WITH A CARTRIDGE, OR WITH REFILLABLE TANKS. THESE ITEMS CONTAIN A NICOTINE AND/OR FLAVORED LIQUID. SOME OF THESE PRODUCTS LOOK LIKE REGULAR CIGARETTES OR PENS, AND SOME ARE RECTANGULAR OR BOX-SHAPED. POPULAR BRANDS INCLUDE NJOY, BLU, LOGIC VUSE, AND JUUL (*PRONOUNCED LIKE “JEWEL”*).

---

FR: PRONOUNCE “SNUS” TO RHYME WITH “GOOSE.”

**J1a4 INTRO** The next question is about smokeless tobacco products which are used in the mouth.

**J1a4 (Have/Has) (you/name) EVER used any of the following EVEN ONE TIME?**

- (1) YES
- (2) NO

**J1a4 ☐ ...SMOKELESS tobacco, such as moist snuff, dip, spit, chew tobacco or snus?**

FR: **Snuff or dip** IS COMMONLY PLACED BETWEEN THE GUM AND LIP AND SOLD IN ROUND CANS IN --A LOOSE FORM OR A POUCH THAT LOOKS LIKE A SMALL TEA-BAG; COMMON BRANDS ARE SKOAL, COPENHAGEN AND GRIZZLY BUT THERE ARE OTHERS.

**Chewing or spit tobacco** (ALSO TWIST, PLUG OR SCRAP) IS USUALLY PLACED IN THE SIDE OF THE MOUTH AND CHEWED AND OFTEN SOLD IN WALLET-SIZED POUCHES; COMMON BRANDS ARE REDMAN, LEVI- GARRETT, AND BEECH-NUT, BUT THERE ARE OTHERS.

**Snus** IS A SPITLESS TOBACCO PRODUCT THAT MAY BE SOLD IN A TIN OR SLIDEPACK IN A LOOSE FORM OR IN SMALL TEABAG-LIKE POUCHES; COMMON BRANDS ARE CAMEL SNUS, MARLBORO SNUS, AND SKOAL SNUS.

**J1a5 INTRO: The next question is about another type of tobacco called dissolvable tobacco. You don't smoke dissolvable tobacco products--they are made of finely ground tobacco often flavored that dissolves in your mouth.**

**J1a5 (Have/Has)(you/name) EVER used dissolvable tobacco EVEN ONE TIME?**

(1) YES

(2) NO

☐

**BOX 31**

IF (J1a1 THROUGH J1a5 = NO, D or R) AND:

IF PROXY RESPONDENT, GO TO S78

IF SELF RESPONDENT, GO TO BOX 34)

ELSE IF ANY J1a1, 2, 3, 3.5, 4, 5 = YES (1) GO TO J2a1-5 FOR THOSE PRODUCTS

**BOX 32**

ASK J2a FOR EACH YES ENTRY IN J1a1 THROUGH J1a5

**J2a/J2a1-5 (Do you/Does [name]) NOW (smoke/use) [fill entry in J1a = 1] every day, some days or not at all? [J1a1-5 entries: smoke regular cigars, or cigarillos or little filtered cigars.../ smoke a regular pipe filled with tobacco.../smoke a water pipe or hookah pipe filled with tobacco.../ use an e-cigarette / use smokeless tobacco such as moist snuff, dip, spit, chew tobacco or snus / use dissolvable tobacco.... ]**

(1) EVERY DAY

(2) SOME DAYS

(3) NOT AT ALL

☐

[IF (J2a2 = 1 OR 2) AND (J2a3 = 1 OR 2), GO TO J2a3v]

[ELSE, GO TO BOX 33]

**J2a3v Do you currently smoke BOTH regular pipes AND water pipes or hookah {who-kah} pipes?**

(1) YES

(2) NO

☐

[IF J2A3V = 2, GO TO J2A2 AND J2A3 TO CORRECT AND THEN PROCEED TO BOX 33]



BOX 33

IF J2a = 1 OR 3:

IF PROXY: IF LAST ENTRY FROM J1a -> GO TO S78  
ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a1 - 5

IF J2a=1:

IF SELF: IF J2a4 (SMOKELESS) IS 1 (EVERY DAY) AND LAST ENTRY  
FROM J1a, GO TO Ja  
ELSE IF J2a1 (CIGARS) IS 1 (EVERY DAY) AND LAST ENTRY  
FROM J1a, GO TO Jb

ELSE LAST YES ENTRY FROM J1a1-5, THEN GO TO JNflavr

ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a1-5

IF J2a=3;

IF SELF: IF LAST ENTRY FROM J1a, THEN GO TO Jd  
ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a1 - 5

FOR EACH ENTRY J2a1-4=3 (NOT AT ALL), ASK HOW LONG HAS IT BEEN SINCE  
YOU COMPLETELY STOPPED SMOKING // USING...  
CIGARS / PIPES // E-CIGARETTES / SMOKELESS  
TOBACCO, GO TO Jd1/2.

FOR J2a5=3 (DISSOLVABLE TOBACCO=NOT AT ALL), GO TO SECTION K AFTER  
FOLLOWING THE APPROPRIATE SKIP PATTERNS FOR  
J2a1-4.

IF J2a = 2: (Someday Smokers)

IF PROXY: IF LAST YES ENTRY FROM J1a 1- 5, THEN GO TO S78  
ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a1-5

IF SELF: GO TO J2b

IF J2a = D OR R (-2 or -3), GO BACK TO J2a for next item (ie. pipes, etc.)

IF J2a = D OR R (-2 or -3) AND IF LAST ENTRY FROM J1a1-5, THEN GO TO BOX 34

**J2b/J2b1-5 On how many of the past 30 days did you (smoke/use) [fill entry J1a1-5]?**

[ASK SEPARATELY FOR EACH "YES" ENTRY IN J1a AND WITH J2a = 2]

ENTER NUMBER OF DAYS OR ENTER (0) FOR NONE

\_\_\_\_ (0-30)

IF [entry in J2b = 0 OR 30], GO TO J2b1-5v; ELSE AFTER OBTAINING ALL  
RELEVANT RESPONSES TO THIS QUESTION, IF SMOKELESS CURRENT USE,  
GO TO Ja; ELSE IF CIGAR CURRENT USE, GO TO Jb; ELSE IF REGULAR OR  
HOOKAH PIPE FILLED WITH TOBACCO CURRENT USE OR E-CIGARETTE

CURRENT USE, GO TO JNflavr. [NO FURTHER QUESTIONS ARE ASKED ABOUT DISSOLVABLE USE.] ELSE IF DISSOLVABLES IS THE ONLY NON-CIGARETTE TOBACCO PRODUCT EVER USED (J1a5 = 1), GO TO SECTION K.

**J2b1-5v**     **You said that you (smoked/used) [fill entry J1a] some days. Is that correct?**  
[ASK SEPARATELY FOR EACH “YES” ENTRY IN J1a WITH J2b = X (0) OR 30]

- (1) YES
- (2) NO    [GO TO RELEVANT J2a1-5 AND CORRECT]

☐

NOTE: THE J2a, J2b, and J2bv (as needed) SERIES IS REPEATED FOR EACH YES ENTRY IN J1a1-5 AS APPROPRIATE.

[AFTER OBTAINING ALL RELEVANT RESPONSES TO THESE QUESTIONS (J2a, 2b, 2bv AS APPROPRIATE), IF SMOKELESS CURRENT USE, THEN GO TO Ja; ELSE IF CIGAR CURRENT USE, THEN GO TO Jb; ELSE IF REGULAR OR HOOKAH PIPE FILLED WITH TOBACCO CURRENT USE OR E-CIGARETTE CURRENT USE, GO TO JNflavr.] NO FURTHER QUESTIONS ARE ASKED ABOUT DISSOLVABLE USE. ELSE IF DISSOLVABLES ARE THE ONLY NON-CIGARETTE TOBACCO PRODUCT EVER USED, GO TO SECTION K.

**Ja**     **During the PAST 30 days, what BRAND of smokeless tobacco [IF necessary: moist snuff, dip, spit, chew or snus] did you use MOST OFTEN?**

[Allow for filling in coded brand name or code number OR ENTER Brand NAME by clicking on it]

(1-21)

IF BRAND IS NOT ON THE LIST, ENTER “21” for OTHER in Ja.

THE UNREAD CODES FOR INTERVIEWER ENTRY ARE:

- 1     BEECH-NUT
- 2     CAMEL SNUS
- 3     COPE
- 4     COPENHAGEN
- 5     GENERAL SNUS
- 6     GRIZZLY
- 7     HUSKY
- 8     KAYAK
- 9     KODIAK
- 10    LEVI GARRETT
- 11    LONGHORN
- 12    MARLBORO SNUS
- 13    RED MAN
- 14    RED MAN GOLDEN BLEND

- 15 RED SEAL
- 16 SKOAL
- 17 SKOAL SNUS
- 18 SKOAL X-TRA
- 19 STOKER'S
- 20 TIMBER WOLF
- 21 OTHER

[IF Ja = 21, GO TO Jaspc; ELSE IF J2a1 = 1 or 2, THEN GO TO Jb--- [If “cigars” are NOW smoked every day or some days, ask Jb and Jc,...]—ELSE GO TO JNflavr.]

**Jaspc Please specify the other brand: \_\_\_\_\_**  
FR: ENTER A TEXT OF AT MOST 20 CHARACTERS.

[IF J2a1 = 1 or 2, GO TO Jb--- [If “cigars” are NOW smoked every day or some days, ask Jb and Jc, .....]—ELSE GO TO JNflavr]

**Jb During the PAST 30 days, what type of CIGAR did you use MOST OFTEN?**

FR: READ THE 3 CHOICES

- (1) Regular/large cigars
- (2) “Cigarillos” (in Spanish use “medium size cigars” instead of the word “cigarillos” here”)
- (3) Little filtered cigars

☐

**Jc During the PAST 30 days, what BRAND of CIGAR did you smoke MOST OFTEN?**

ENTER CODE FOR BRAND (1-20). ENTER 20 FOR OTHER BRAND NOT ON THE LIST

☐

THE UNREAD CODES FOR INTERVIEWER ENTRY ARE:

- 1 305'S
- 2 AL CAPONE
- 3 ANTONIO Y CLEOPATRA
- 4 ARTURO FUENTE
- 5 BACKWOODS
- 6 BLACK & MILDS
- 7 COHIBA
- 8 CHEYENNE
- 9 DJARUM
- 10 DUTCH MASTERS
- 11 GARCIA Y VEGA

- 12 GOOD TIMES
- 13 MACANUDO
- 14 HAV-A-TAMPA
- 15 PHILLIES
- 16 PRIME TIME
- 17 SANTA FE
- 18 SMOKER'S CHOICE
- 19 SWISHER SWEETS
- 20 WHITE OWL
- 21 ZIG ZAG
- 22 OTHER

[IF Jc = 21, GO TO Jcspc]

**Jcspc Please specify the other brand:** \_\_\_\_\_  
FR: ENTER A TEXT OF AT MOST 20 CHARACTERS.

[FOR EACH NON-CIGARETTE TOBACCO PRODUCT OR E-CIGARETTE PRODUCT CURRENTLY USED, J2a1-4 = 1 OR 2, ASK Jnflvr (1-4) AND/OR Jnflv35 SEPARATELY, AND AS APPROPRIATE FOLLOW UP WITH--JnflvrA (for CIGARS, PIPES, SMOKELESS), OR for E-CIGARETTES- JnfvA35 OR JnfvB35 DIRECTLY AFTER ASKING Jnflvr (1-4) OR Jnflv35 BEFORE ASKING ABOUT THE NEXT TOBACCO PRODUCT (Jnflvr (1-4) or Jnflv35).

**READ THE JnflvIN ONLY ONCE IF THERE ARE ANY J2a1-4 = 1 or 2.]**

**JnflvIN Some tobacco products come in flavors such as menthol or mint, clove, spice, candy, fruit, chocolate, alcohol, or other flavors.**

**Jnflvr (1-3, 4) or Jnflv35**

**When you ....[fill as appropriate entry J2a1- 3 – smoke a cigar /smoke a regular pipe filled with tobacco / smoke a water/hookah pipe filled with tobacco (for Jnflvr (1-3) / use an e-cigarette (for Jnflv35) / use smokeless tobacco (for Jnflvr4)] ...is it usually flavored?**

- (1) YES
- (2) NO

|\_\_|

[IF Jnflvr(1-3, 4) = 1 OR D, GO TO JnflvA(1-3, 4)\_b-d SERIES]  
[IF Jnflvr(1-3, 4) = 2 OR R, GO TO BOX Jd]  
[IF Jnflv35 = 1 OR D, GO TO JnfvA35\_a-d SERIES]  
[IF Jnflv35 = 2 OR R, GO TO JnfvB35]

**JnflvA (1-4) Is it usually .....**

(1) YES

(2) NO

☐ (b) Menthol or mint flavored?

☐ (c) Flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate?

☐ (d) Some other type of flavor? [IF YES, SPECIFY: \_\_\_\_\_]

[CONTINUE THE RELEVANT FLAVOR SERIES FOR THE NEXT J2a(1-3, 3.5, 4) = 1, 2.  
IF THIS IS THE LAST J2a (1-3, 4) = 1 OR 2, AND J2a3.5 NE 1 OR 2, GO TO BOX Jd.  
ELSE, IF E-CIGARETTES ARE CURRENTLY USED (J2a3.5 = 1 OR 2) AND HAVE EVER  
SMOKED 100+ CIGARETTES (A1=1, D, OR R), GO TO Jeciga AND ASK Jecig(a,d).  
ELSE IF E-CIGARETTES ARE CURRENTLY USED (J2a3.5 = 1 OR 2), GO TO Jecig2.  
ELSE, GO TO BOX Jd]

**JnfvA35 Is it usually .....**

(1) YES

(2) NO

☐ (a) Tobacco flavored? [NOTE: THIS ITEM IS ASKED ONLY FOR E-CIGS]

☐ (b) Menthol or mint flavored?

☐ (c) Flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate?

☐ (d) Some other type of flavor? [IF YES, SPECIFY: \_\_\_\_\_]

[WHEN FINISHED ASKING THE APPROPRIATE FLAVOR SERIES FOR ALL J2a (1-3,  
3.5, 4) = 1, 2, - IF E-CIGARETTES ARE CURRENTLY USED (J2a3.5 = 1 OR 2) AND HAVE  
EVER SMOKED 100+ CIGARETTES (A1=1, D, OR R), GO TO Jeciga AND ASK Jecig(a,d)]  
[ELSE IF E-CIGARETTES ARE CURRENTLY USED (J2a3.5 = 1 OR 2), GO TO Jecig2]  
[ELSE, GO TO BOX Jd]

**JnfvB35 When you use an e-cigarette, is it usually tobacco flavored?**

(1) YES

(2) NO

☐

[WHEN FINISHED ASKING THE APPROPRIATE FLAVOR SERIES FOR ALL J2a (1-3,  
3.5, 4) = 1, 2, - IF E-CIGARETTES ARE CURRENTLY USED (J2a3.5 = 1 OR 2) AND HAVE  
EVER SMOKED 100+ CIGARETTES (A1=1, D, OR R), GO TO Jeciga AND ASK Jecig(a,d)]  
[ELSE IF E-CIGARETTES ARE CURRENTLY USED (J2a3.5 = 1 OR 2), GO TO Jecig2]

[ELSE, GO TO BOX Jd]

**Jeciga Do you use e-cigarettes because you can use them at times when or in places where smoking cigarettes isn't allowed?**

FR: E-CIGARETTES CAN ALSO BE CALLED VAPE-PENS, E-HOOKAHS, VAPES OR MODS. POPULAR BRANDS INCLUDE NJOY, BLU, LOGIC, VUSE, AND JUUL (PROUNOUNCED LIKE "JEWEL").

(1) YES

(2) NO

☐

**Jecigd Do you use e-cigarettes to help you quit smoking cigarettes?**

(1) YES

(2) NO

☐

**Jecig2 Which of the following best describes the type of e-cigarette you currently use? If you use more than one type, please think of the one you use most often.**

(1) A disposable e-cigarette,

FR: IF NEEDED, DISPOSABLE E-CIGARETTES ARE ONE-TIME USE PRODUCTS THAT ARE NOT RECHARGEABLE.

(2) An e-cigarette that uses REPLACEABLE PREFILLED CARTRIDGES,

(3) An e-cigarette with a TANK that you REFILL with LIQUIDS,

(4) A mod system, or

FR: IF NEEDED, A MOD SYSTEM IS CUSTOMIZED BY THE USER WITH THEIR OWN COMBINATION OF BATTERIES, ATOMIZERS, ETC.

(5) You don't know the type?

☐

**BOX J**

**FILL INSTRUCTIONS FOR JECIG3 AND JECIG4:**

IF Jecig2 = 1, 5, D OR R, display "e-cigarettes" for Disposable and Unknown device users

IF Jecig2 = 2, display "e-cigarette cartridges" for Cartridge device users

IF Jecig2 = 3 OR 4, display "e-liquid" for Tank and Mod System device users

**Jecig3 Do you usually buy your own {e-cigarettes / e-cigarette cartridges / e-liquid}?**

- (1) Yes
- (2) No

☐

[IF Jecig3 = 2, D OR R, GO TO BOX Jd]

**Jecig4 How do you usually buy your own {e-cigarettes / e-cigarette cartridges / e-liquid}...**

- (1) In person,
- (2) From the internet,
- (3) By telephone, or
- (4) Some other way (SPECIFY: \_\_\_\_\_)

☐

**BOX K**

**FILL INSTRUCTIONS FOR JCOST1:**

IF Jecig2 = 1, 5, D OR R, display “e-cigarettes” and “single e-cigarettes” for Disposable and Unknown device users

IF Jecig2 = 2, display “e-cigarette cartridges” and “single e-cigarette cartridges” for Cartridge device users

IF Jecig2 = 3 OR 4, display “bottles of e-liquid” and “a single bottle of e-liquid” for Tank and Mod System device users

**Jcost1 Do you usually buy {e-cigarettes / e-cigarette cartridges / bottles of e-liquid} by the box or pack, or as {single e-cigarettes / single e-cigarette cartridges / a single bottle of e-liquid}?**

- (1) BOX OR PACK
- (2) SINGLES

☐

[IF Jcost1 = 1, GO TO Jcost2]  
[ELSE, GO TO Jcost4]

**Cost questions for box/pack purchasers (Jcost1 = 1)**

BOX L

**FILL INSTRUCTIONS FOR JCOST2 AND JCOST3:**

IF Jecig2 = 1, 5, D OR R, display “e-cigarettes” for Disposable and Unknown device users

IF Jecig2 = 2, display “e-cigarette cartridges” for Cartridge device users

IF Jecig2 = 3 OR 4, display “bottles of e-liquid” for Tank and Mod System device users

**Jcost2 What price did you pay for the LAST BOX OR PACK of {e-cigarettes / e-cigarette cartridges / bottles of e-liquid} you bought? Please report the cost after using discounts or coupons.**

FR: “PRICE PER BOX OR PACK,” ENTER “DOLLARS” ON THE FIRST SCREEN (Jcost2) AND ENTER “CENTS” ON THE NEXT SCREEN (Jcost2a)

Jcost2 \$ \_\_ \_\_ \_\_ (0-999)

Jcost2a . \_\_ \_\_ (0-99)

**Jcost3 How many {e-cigarettes / e-cigarette cartridges / bottles of e-liquid} came in the LAST BOX OR PACK you bought?**

ENTER NUMBER

\_\_ \_\_

[IF Jecig2 =3 OR 4, GO TO Jcost5]

[ELSE, GO TO BOX Jd]

**Cost questions for single purchasers (Jost1 = 2, D OR R)**

BOX M

**FILL INSTRUCTIONS FOR JCOST4:**

IF Jecig2 = 1, 5, D OR R, display “e-cigarette” for Disposable and Unknown device users

IF Jecig2 = 2, display “e-cigarette cartridge” for Cartridge device users

IF Jecig2 = 3 OR 4, display “bottle of e-liquid” for Tank and Mod System device users



**Jcost4 What price did you pay for the LAST {e-cigarette / e-cigarette cartridge / bottle of e-liquid} you bought? Please report the cost after using discounts or coupons.**

FR: "PRICE PER SINGLE," ENTER "DOLLARS" ON THE FIRST SCREEN (Jcost4)  
AND ENTER "CENTS" ON THE NEXT SCREEN (Jcost4a)

Jcost4 \$ \_\_\_\_ (0-999)

Jcost4a . \_\_\_\_ (0-99)

[IF (Jecig2 = 3 OR 4) AND (Jecig3 = 1), GO TO Jcost5]

[ELSE, GO TO BOX Jd]

**Jcost5 How many MILLILITERS of liquid were in a SINGLE bottle you LAST bought?**

FR: IF NEEDED - Common sizes are 5, 15, 30, 60, and 120.

\_\_\_\_ ENTER NUMBER (3 digits)

**BOX Jd**

FOR EACH ENTRY J2a1-4 = 3 (NOT AT ALL), GO TO Jd1/2\_1-4; ELSE GO TO Jd3.

FR NOTE: IF RESPONDENT HAS INDICATED THAT THE PRODUCT WAS ONLY USED  
ONCE OR TWICE, ENTER "CTRL-R<sub>2</sub>," AND DO NOT ASK JD1/2 FOR THAT PRODUCT.

**Jd1/2\_1-4 About how long has it been since you COMPLETELY quit smoking//using --  
cigars, cigarillos, or little filtered cigars /a regular pipe filled with tobacco / a  
water pipe or hookah {who-kah} pipe filled with tobacco // E-cigarettes  
/smokeless tobacco?**

**Jd11/2/3/3.5 /4** \_\_\_\_ NUMBER (1-99)

**Jd2 1/2/3/3.5/4** \_\_\_\_ UNITS

(1) DAYS

(2) WEEKS

(3) MONTHS

(4) YEARS

FR NOTE: IF RESPONDENT HAS INDICATED THAT THE PRODUCT WAS ONLY USED  
ONCE OR TWICE, DO NOT ASK JD3 AND ENTER "0<sub>2</sub>" FOR LESS THAN ONE YEAR.  
ASK Jd3 SEPARATELY FOR EACH J1a1-4 = 1 (YES) AND J2a1-4 = 1, 2, or 3.

**Jd3 In total, how many years [fill "have you smoked/used" when J2a1-4 = 1 or 2 / "did you  
smoke/use" when J2a1-4 = 3] cigars or cigarillos or little filtered cigars / a regular pipe  
filled with tobacco / a water pipe or hookah pipe filled with tobacco // E-cigarettes  
/smokeless tobacco (fill as appropriate from J1a1-4)?**

ENTER 0 FOR LESS THAN ONE YEAR

Jd3 1,2,3,3.5,4 \_\_\_\_ (0-99) years

[ASK Jfecgr(a, d) FOR THOSE WITH J2a3.5 = 3 AND A1 = 1, D OR R (ONLY ASK Jfecgr(a, d) OF E-CIGARETTE FORMER USERS WHO HAVE EVER SMOKED 100+ CIGARETTES)]

[ELSE, IF J2a3.5 = 3, GO TO Jfecg2]

[ELSE, GO TO BOX 34]

**Jfecgra Did you use e-cigarettes because you could use them at times when or in places where smoking cigarettes wasn't allowed?**

FR: E-CIGARETTES CAN ALSO BE CALLED VAPE-PENS, E-HOOKAHS, VAPES OR MODS. POPULAR BRANDS INCLUDE NJOY, BLU, LOGIC, VUSE, AND JUUL (PROUNOUNCED LIKE "JEWEL").

(1) YES

(2) NO

☐

**Jfecgrd Did you use e-cigarettes to help you quit smoking cigarettes?**

(1) YES

(2) NO

☐

**Jfecg2 Which of the following best describes the type of e-cigarette you used to use? If you used more than one type, please think of the one you used most often.**

(1) A disposable e-cigarette,

FR: IF NEEDED, DISPOSABLE E-CIGARETTES ARE ONE-TIME USE PRODUCTS THAT ARE NOT RECHARGEABLE.

(2) An e-cigarette that uses replaceable PREFILLED CARTRIDGES,

(3) An e-cigarette with a TANK that you REFILL with LIQUIDS,

(4) A mod system, or

FR: IF NEEDED, A MOD SYSTEM IS CUSTOMIZED BY THE USER WITH THEIR OWN COMBINATION OF BATTERIES, ATOMIZERS, ETC.

(5) You don't know the type?

☐

**BOX 34**

FOR PROXY RESPONDENT, GO TO S78

FOR SELF RESPONDENT:

IF J1a1-4 = NO OR J2a = D/Refused OR ANY COMBINATION OF THESE THREE STIPULATIONS FOR ALL FIVE "OTHER" TOBACCO PRODUCTS FOR ALL ENTRIES -> GO TO SECTION K [NOTE: DISOVABLE ONLY NON-CIGARETTE TOBACCO USERS SHOULD ALREADY BE IN SECTION K]

**Other tobacco time to first use:**

BOX 39

IF ONLY ONE PRODUCT MENTIONED IN J2a IS NOW USED “EVERY DAY” OR “SOME DAYS” [J2a@1-4=1 OR 2], THAT PRODUCT IS USED FOR J3a.

If J2a1=1 or 2, fill with ‘smoke your first cigar’

If J2a2-3=1 or 2, fill with ‘smoke your first regular or hookah pipe filled with tobacco’

If J2a3.5 =1 or 2, fill with ‘use your first e-cigarette’

If J2a4=1 or 2, fill with ‘first use smokeless tobacco’

ELSE IF > 1 PRODUCT MENTIONED IN J2a IS NOW USED “EVERY DAY” OR “SOME DAYS [ANY J2a@1-4=1 OR 2] FILL J3a WITH THOSE PRODUCTS,” LIST ALL PRODUCTS NOW USED.

ELSE IF [(J2a = 3 OR J1a = 2) FOR ALL J1a1-4 AND [Jd1/2 LESS THAN OR EQUAL TO 1 YEAR, 12 MONTHS, 52 WEEKS, 99 DAYS (i.e., 1 YEAR EQUIVALENCE) FOR ONLY ONE “OTHER TOBACCO PRODUCT” J1a1-4] AND [ ( IF A3 =3 AND H1NUM/UNT > (GREATER THAN) 1 YEAR, 12 MOS., 52 WEEKS, OR EQUIVALENCE) OR (IF A1=2, D, R) ] THEN GO TO J3f;

ELSE IF [(J2a=3 OR J1a = 2) FOR ALL J1a1-4 AND [Jd1/2 LESS THAN OR EQUAL TO 1 YEAR, 12 MONTHS, 52 WEEKS, 99 DAYS (i.e., 1 YEAR EQUIVALENCE) FOR ANY “OTHER TOBACCO PRODUCT” J1a1, 2, 3, 3.5, OR 4] AND [ ( IF A3 =3 AND H1NUM/UNT LESS THAN OR EQUAL TO 1 YEAR, 12 MOS., 52 WEEKS, 99 DAYS (i.e., 1 YEAR EQUIVALENCE)], THEN GO TO J3f.

ELSE, GO TO SECTION K.

**J3a How soon after you wake up do you typically [FILL WITH APPROPRIATE STEM AND ENDING BASED ON RESPONSES TO J2A1-4—SEE BOX 39 ABOVE]?**

FR: IF NECESSARY, ASK FOR BEST ANSWER IN MINUTES OR HOURS

FR: IF RESPONDENTS USE BOTH KINDS OF PIPES, THEY SHOULD BE THINKING OF BOTH KINDS AND ANSWER THE EARLIEST TIME AFTER AWAKENING THEY SMOKE THE FIRST OF THE TWO TYPES OF PIPES. SIMILARLY, WE ARE ASKING ABOUT THE FIRST USE OF ANY OF THE GROUP OF PRODUCTS NOTED

ENTER (0) in J3a1 IF RESPONDENT INSISTS IT VARIES

**J3a1**  (0 - 90) ENTER NUMBER

**J3a2** ENTER UNIT REPORTED

(1) MINUTES

(2) HOURS

[IF J3a = 0, D OR R, GO TO J3d]  
[ELSE, GO TO BOX 39A]

**J3d Would you say you first...[FILL WITH APPROPRIATE STEM AND ENDING  
BASED ON RESPONSES IN J2a1-4 SIMILAR TO J3a....smoke a cigar/ pipe//use  
... an e-cigarette/ smokeless tobacco// ....other appropriate combinations... within  
the first 30 minutes of awakening?**

- (1) YES
- (2) NO
- (3) VARIES — **DO NOT READ**

□□

[GO TO BOX 39A]

**J3f1/2 In the 12 months BEFORE YOU COMPLETELY QUIT {smoking cigars / smoking  
pipes / using e-cigarettes / using smokeless tobacco}, how soon after you woke up did  
you typically [fill with appropriate stem and ending based on responses to J2a1-4]  
(smoke your first....cigar/ pipe//use your first....e-cigarette/first use smokeless  
tobacco)?**

FR: IF NECESSARY, ASK FOR BEST ANSWER IN MINUTES OR HOURS  
FR: IF RESPONDENTS USE BOTH KINDS OF PIPES, THEY SHOULD BE  
THINKING OF BOTH KINDS AND ANSWER THE EARLIEST TIME AFTER  
AWAKENING THEY SMOKE THE FIRST OF THE TWO TYPES OF PIPES.  
SIMILARLY, WE ARE ASKING ABOUT THE FIRST USE OF ANY OF THE  
GROUP OF PRODUCTS NOTED

ENTER (0) in J3f1 IF RESPONDENT INSISTS IT VARIES

**J3f1** ENTER NUMBER

□□□ (0 - 90)

**J3f2** ENTER UNIT REPORTED

- (1) MINUTES
- (2) HOURS

□□

[IF J3f1 = 0, D OR R, GO TO J3g]  
[ELSE, GO TO BOX 39A]

**J3g Would you say you first used {fill..... cigars/ pipes/ e-cigarettes/ smokeless tobacco}... within the first 30 minutes of awakening?**

- (1) YES
- (2) NO
- (3) VARIES— DO NOT READ

□□

**BOX 39A**

IF A3 = 1 OR 2 (CURRENT CIGARETTE SMOKER) GO TO SECTION K, DO NOT ASK J4-J7

ELSE IF ONLY ONE PRODUCT MENTIONED IN J2a (J2a 1-5) IS NOW USED “EVERY DAY” OR “SOME DAYS” GREATER THAN OR EQUAL TO 12 DAYS” [J2a =1 OR (J2a =2 AND J2b ≥ 12 days)], AND THAT ONE PRODUCT IS NOT DISSOVABLES J2a(5), THAT PRODUCT IS USED FOR J4-J6—GO TO J4

ELSE IF > 1 PRODUCT MENTIONED IN J2a [J2a =1 OR (J2a =2 AND J2b ≥ 12 days), GO TO SECTION K

ELSE IF [(J2a=3, D, R OR J1a = 2, D, R) FOR ALL J1a1-5] AND [Jd1/2 LESS THAN OR EQUAL TO 1 YEAR, 12 MONTHS, 52 WEEKS, 99 DAYS (i.e., 1 YEAR EQUIVALENCE) “FOR ONLY CIGARS” J1a1] AND [(IF A3 =3 AND H1NUM/UNT > 1 YEAR, 12 MOS., 52 WEEKS, (OR OTHER EQUIVALENCE)) OR (IF A1=2, D, R)], THEN GO TO J7AltIN

ELSE GO TO SECTION K.

**J4 During the PAST 12 MONTHS, have you stopped smoking // using [fill entry based on BOX 39A—cigars / pipes // e-cigarettes / smokeless tobacco] for one day or longer BECAUSE YOU WERE TRYING TO QUIT?**

- (1) YES
- (2) NO

[IF J4 = 1, GO TO J6b]

[IF J4 = 2, D OR R, GO TO SECTION K]

**J6b** Thinking of ANY attempts to stop smoking ...// using ... [fill entry same as J4 fill – cigars/pipes // E-cigarettes/ smokeless tobacco] because you were trying to quit, during the past 12 months, what was the length of time of the ONE attempt that lasted the longest?

FR: IF QUIT ATTEMPT BEGAN MORE THAN 12 MONTHS AGO BUT ENDED WITHIN THE PAST 12 MONTHS, COUNT ALL OF IT.

**J6bnum** ENTER NUMBER

(1 -96)

**J6bunt** ENTER UNIT REPORTED

- (1) DAYS
- (2) WEEKS
- (3) MONTHS

[IF (J6num >18 AND J6bunt = 2) OR (J6bnum >12 AND J6bunt = 3), GO TO J6bv]  
[ELSE, IF J4 AND J6b FILL IS “CIGARS” (ONLY TOBACCO PRODUCT CURRENTLY USED IS CIGARS), GO TO J7cINT]

**J6bv** I have recorded that the LONGEST length of time you stopped smoking//using [fill entry same fill as J4—cigars/ pipes//e-cigarettes/ smokeless tobacco] in the past 12 months because you were TRYING to quit was [fill entry J6bnum/J6bunt]? Is that correct?

- (1) YES
- (2) NO

[IF J6bv = 1 AND J4, J6b, AND J6bv FILL IS “CIGARS” (ONLY TOBACCO PRODUCT CURRENTLY USED IS CIGARS), GO TO J7cINT]  
[IF J6bv = 2, GO TO J6bnum/unt TO CORRECT]

**J7cINT** The **LAST TIME** you tried to **QUIT** smoking **CIGARS** in the past 12 months: Did you:

FR: FOR THIS QUESTION, RE-READ STEM IF NECESSARY

- (1) YES
- (2) NO

**J7c** ☐ Try to quit by **SWITCHING** to smokeless tobacco such as chewing tobacco, snuff, or snus?

FR: PRONOUNCE “SNUS” TO RHYME WITH “GOOSE.”

**J7d** ☐ Try to quit by **SWITCHING** to electronic or E-cigarettes?

[GO TO SECTION K]

**J7AltIN** When you quit smoking **CIGARS** completely, did you do **ANY** of the following, whether or not you think they were effective:

FR: FOR THIS QUESTION, RE-READ STEM IF NECESSARY]

- (1) YES
- (2) NO

**J7cAlt** ☐ Try to quit by **SWITCHING** to smokeless tobacco such as chewing tobacco, snuff, or snus?

FR: PRONOUNCE “SNUS” TO RHYME WITH “GOOSE.”

**J7dAlt** ☐ Try to quit by **SWITCHING** to electronic or E-cigarettes?

[GO TO SECTION K]

---

**SECTION K. WORKPLACE POLICY, HOME RULES, PUBLIC OPINION ABOUT  
SMOKING IN PUBLIC VENUES**

---

**– ALL SELF RESPONDENTS**

|  |
|--|
| BOX41 -- CONTEXT FOR K1- K3 SERIES:<br>IF NOT RETIRED <u>AND</u> HAVE BEEN WORKING FOR PAY OR<br>EMPLOYED IN PAST WEEK <u>AND</u> ARE NOT SELF-EMPLOYED: |
|--|

**K1a The next questions are about your place of work.**

FR: IF RESPONDENT HAS MORE THAN 1 JOB, HAVE HIM/HER ANSWER FOR HIS/HER MAIN JOB.

**K1a Do you mainly work indoors or outdoors?**

FR: DO NOT READ THE FIRST 2 CATEGORIES UNLESS NECESSARY. NEVER READ THE REMAINING CATEGORIES.

- (1) INDOORS
- (2) OUTDOORS
- (3) About equally indoors and outdoors
- (4) Works mainly indoors in a non-traditional environment such as warehouse or other similar large semi-structured area
- (5) Mainly travel around to different clients or sites or mainly in a motor vehicle/bus/train/boat/airplane/underground/in a mine, etc.
- (6) Varies

□□

[IF K1a = 1, GO TO K1b]

[IF K1a = 4, GO TO K1b1]

[IF K1a = 3, GO TO K1b2]

[IF K1a = 2, 5, 6, D, R, GO TO K4]

**K1b Do you mainly work in an office building, in your own home, in someone else's home, or in another indoor place?**

- (1) OFFICE BUILDING
- (2) OWN HOME
- (3) SOMEONE ELSE'S HOME
- (4) ANOTHER INDOOR PLACE

[IF K1b = 1, 4, D OR R, GO TO K1b1]

[IF K1b = 2 OR 3, GO TO K4]



**K1b1 In which State (including DC) do you work?**

FR: ENTER 2 LETTER ABBREVIATION FOR THE STATE.

|\_|\_|

[GO TO K2a]

**K1b2 When you work INDOORS: Do you mainly work in an office building, in your own home, in someone else's home, or in another indoor place?**

- (1) OFFICE BUILDING
- (2) OWN HOME
- (3) SOMEONE ELSE'S HOME
- (4) ANOTHER INDOOR PLACE

[IF K1b2 = 1, 4, D OR R, GO TO K1c]

[IF K1b2 = 2 OR 3, GO TO K4]

**K1c In which State (including DC) do you work on your main indoor job or business?**

FR: ENTER 2 LETTER ABBREVIATION FOR THE STATE.

|\_|\_|

**K2a Is smoking restricted in ANY WAY at your place of work?**

FR: READ IF NECESSARY "By 'restricted', we mean any limitation on smoking, regardless of who is responsible for that restriction (including owner, employer, gov't, union, etc.).

- (1) YES
- (2) NO

|\_|

[IF K2a = 1, GO TO K3a]

[IF K2a = 2, D OR R, GO TO K3c]

**K3a Which of these best describes the smoking policy at your place of work for INDOOR PUBLIC OR COMMON AREAS, such as lobbies, rest rooms, and lunch rooms?**

FR: READ THE FIRST 3 ANSWER CATEGORIES ONLY. ENTER (4) IF NOT APPLICABLE

- (1) Not allowed in ANY public areas
- (2) Allowed in SOME public areas
- (3) Allowed in ALL public areas
- (4) NOT APPLICABLE

**K3b Which of these best describes the smoking policy at your place of work for INDOOR WORK AREAS?**

FR: READ THE FIRST 3 ANSWER CATEGORIES ONLY. ENTER (4) IF NOT APPLICABLE

- (1) Not allowed in ANY work areas
- (2) Allowed in SOME work areas
- (3) Allowed in ALL work areas
- (4) NOT APPLICABLE

**K3c During the PAST TWO WEEKS, has anyone smoked in the area in which you work?**

- (1) YES
- (2) NO

[IF K2a = 2, D OR R, GO TO K3c1]  
[IF K2a = 1, GO TO K3b1]

**K3b1 Which of these best describes the vaping or e-cigarette policy at your place of work for INDOOR PUBLIC OR COMMON AREAS AND INDOOR WORK AREAS?**

FR: READ ANSWER CATEGORIES

- (1) Not allowed in ANY public and ANY work areas
- (2) Allowed in SOME public or SOME work areas
- (3) Allowed in ALL public and ALL work areas

[GO TO K3c1]

**K3c1 During the PAST TWO WEEKS, has anyone vaped or used e-cigarettes in the area in which you work?**

- (1) YES
- (2) NO

☐

[GO TO K4]

**K4 The final set of questions are about your home and other places.**

**Which statement best describes the rules about smoking INSIDE YOUR HOME?**

FR: READ IF NECESSARY “HOME” IS WHERE YOU LIVE. “RULES” INCLUDE ANY UNWRITTEN “RULES” AND PERTAIN TO ALL PEOPLE WHETHER OR NOT THEY RESIDE IN THE HOME OR ARE VISITORS, WORKMEN, ETC. “SMOKING” INCLUDES CIGARS, REGULAR AND HOOKAH PIPES, AS WELL AS CIGARETTES.

- (1) No one is allowed to smoke anywhere INSIDE YOUR HOME
- (2) Smoking is allowed in some places or at some times INSIDE YOUR HOME
- (3) Smoking is permitted anywhere INSIDE YOUR HOME

☐

**K4a Which statement best describes the rules about vaping or using e-cigarettes INSIDE YOUR HOME?**

FR: READ IF NECESSARY “HOME” IS WHERE YOU LIVE. “RULES” INCLUDE ANY UNWRITTEN “RULES” AND PERTAIN TO ALL PEOPLE WHETHER OR NOT THEY RESIDE IN THE HOME OR ARE VISITORS, WORKMEN, ETC. “VAPING” INCLUDES USE OF E-CIGARETTES, VAPE-PENS, HOOKAH-PENS, E-HOOKAHS, E-VAPORIZERS, VAPES, OR MODS. POPULAR BRANDS INCLUDE NJOY, BLU, LOGIC, VUSE, AND JUUL (PROUNOUNCED LIKE "JEWEL").

- (1) No one is allowed to vape anywhere INSIDE YOUR HOME
- (2) Vaping is allowed in some places or at some times INSIDE YOUR HOME
- (3) Vaping is permitted anywhere INSIDE YOUR HOME

☐

**K5a** In buildings with MULTIPLE apartments or living areas, do you THINK that smoking should be... ALLOWED INSIDE ALL apartments or living areas, ALLOWED inside SOME apartments ...., or NOT ALLOWED at ALL inside apartments?

- (1) ALLOWED INSIDE ALL apartments or living areas
- (2) ALLOWED inside SOME apartments
- (3) NOT ALLOWED at ALL inside apartments

☐

**K6b** In indoor work areas, do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL?

- (1) Allowed in ALL areas
- (2) Allowed in SOME areas
- (3) NOT Allowed at ALL

☐

**K6c** Inside bars, cocktail lounges, and clubs, do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL?

- (1) Allowed in ALL areas
- (2) Allowed in SOME areas
- (3) NOT Allowed at ALL

☐

**K6g** Inside casinos, do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL?

- (1) Allowed in ALL areas
- (2) Allowed in SOME areas
- (3) NOT Allowed at ALL

☐

**K6h** Inside a car, when there are other people present, do you THINK that smoking SHOULD...

- (1) Always be allowed
- (2) Be allowed under some conditions
- (3) Never be allowed

☐

[IF K6h = 1, 2, D OR R, GO TO K6h2]  
[IF K6h = 3, GO TO K8]

**K6h2 IF children are present inside the car, do you think that smoking SHOULD...**

- (1) Always be allowed
- (2) Be allowed under some conditions
- (3) Never be allowed

☐

**K8 In the past 6 months, have you seen messages in newspapers or on television that say that a Federal Court has ordered tobacco companies to make statements about the dangers of smoking cigarettes?**

- (1) YES
- (2) NO

☐

\*\*\* DO NOT READ \*\*\*

**S78**

Enter line number of the person who  
answered the supplement questions for  
(NAME)

HOUSEHOLD ROSTER

LN NAME

01 (Person 1)

02 (Person 2)

03 (Person 3)

.....

.....

[GO TO SINTTP]

**SINTTP \*\*\* DO NOT READ \*\*\***

In what language was the interview conducted for this person?

- (1) English
- (2) Spanish
- (3) Chinese
- (4) Korean
- (5) Vietnamese
- (6) Thai -Khmer
- (7) Other Asian or Asian unspecified
- (8) Other

☐

## ATTACHMENT 9

### INDUSTRY CLASSIFICATION

Industry Classification Codes for Detailed Industry (4 digit)  
(Starting January 2014)

These categories are aggregated into 52 detailed groups and 14 major groups (see pages 10-12 of this attachment). The codes in the right hand column are the NAICS equivalent.

These codes correspond to Items PEIO1ICD and PEIO2ICD, in positions 856-859 and 864-867 of the Basic CPS record layout in all months, **except March**. In the **March**, these codes correspond to PEIOIND and INDUSTRY, in positions 168-171 and 292-295 of the Person record.

| CENSUS<br>CODE                                     | DESCRIPTION   | NAICS<br>CODE   |
|--|---|-----------------|
| <b>Agriculture, Forestry, Fishing, and Hunting</b> |   |                 |
| 0170   | Crop production   | 111             |
| 0180   | Animal production   | 112             |
| 0190   | Forestry except logging   | 1131, 1132      |
| 0270   | Logging   | 1133            |
| 0280   | Fishing, hunting, and trapping  | 114             |
| 0290   | Support activities for agriculture and forestry                           | 115             |
| <b>Mining</b>                                      |   |                 |
| 0370   | Oil and gas extraction  | 211             |
| 0380   | Coal mining   | 2121            |
| 0390   | Metal ore mining  | 2122            |
| 0470   | Nonmetallic mineral mining and quarrying and not specified type of mining | Part of 21      |
| 0490   | Support activities for mining   | 213             |
| <b>Utilities</b>                                   |   |                 |
| 0570   | Electric power generation, transmission and distribution                  | Pt. 2211        |
| 0580   | Natural gas distribution  | Pt. 2212        |
| 0590   | Electric and gas, and other combinations                                  | Pts. 2211, 2212 |
| 0670   | Water, steam, air-conditioning, and irrigation systems                    | 22131, 22133    |
| 0680   | Sewage treatment facilities   | 22132           |
| 0690   | Not specified utilities   | Part of 22      |

| CODE | DESCRIPTION  | INDUSTRY CODE          |
|------|--|------------------------|
|      | <b>Construction</b>  |                        |
| 0770 | ** Construction<br>(Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction) | 23                     |
|      | <b>Manufacturing</b>   |                        |
|      | <b>Nondurable Goods manufacturing</b>  |                        |
| 1070 | Animal food, grain and oilseed milling   | 3111, 3112             |
| 1080 | Sugar and confectionery products   | 3113                   |
| 1090 | Fruit and vegetable preserving and specialty food manufacturing  | 3114                   |
| 1170 | Dairy product manufacturing  | 3115                   |
| 1180 | Animal slaughtering and processing   | 3116                   |
| 1190 | Retail bakeries  | 311811                 |
| 1270 | Bakeries, except retail  | 3118 exc.<br>311811    |
| 1280 | Seafood and other miscellaneous foods, n.e.c.  | 3117, 3119             |
| 1290 | Not specified food industries  | Part of 311            |
| 1370 | Beverage manufacturing   | 3121                   |
| 1390 | Tobacco manufacturing  | 3122                   |
| 1470 | Fiber, yarn, and thread mills  | 3131                   |
| 1480 | Fabric mills, except knitting  | 3132 exc.<br>31324     |
| 1490 | Textile and fabric finishing and coating mills   | 3133                   |
| 1570 | Carpet and rug mills   | 31411                  |
| 1590 | Textile product mills, except carpets and rugs   | 314 exc. 31411         |
| 1670 | Knitting mills   | 31324, 3151            |
| 1680 | Cut and sew apparel manufacturing  | 3152                   |
| 1690 | Apparel accessories and other apparel manufacturing  | 3159                   |
| 1770 | Footwear manufacturing   | 3162                   |
| 1790 | Leather tanning and products, except footwear manufacturing  | 3161, 3169             |
| 1870 | Pulp, paper, and paperboard mills  | 3221                   |
| 1880 | Paperboard containers and boxes  | 32221                  |
| 1890 | Miscellaneous paper and pulp products  | 32222, 32223,<br>32229 |
| 1990 | Printing and related support activities  | 3231                   |
| 2070 | Petroleum refining   | 32411                  |
| 2090 | Miscellaneous petroleum and coal products  | 32419                  |
| 2170 | Resin, synthetic rubber and fibers, and filaments manufacturing  | 3252                   |
| 2180 | Agricultural chemical manufacturing  | 3253                   |
| 2190 | Pharmaceutical and medicine manufacturing  | 3254                   |
| 2270 | Paint, coating, and adhesive manufacturing B46   | 3255                   |
| 2280 | Soap, cleaning compound, and cosmetics manufacturing   | 3256                   |
| 2290 | Industrial and miscellaneous chemicals   | 3251, 3259             |
| 2370 | Plastics product manufacturing   | 3261                   |
| 2380 | Tire manufacturing   | 32621                  |
| 2390 | Rubber products, except tires, manufacturing   | 32622, 32629           |

| CODE                               | DESCRIPTION  | INDUSTRY CODE   |
|------------------------------------|--|---|
| <b>Durable Goods Manufacturing</b> |  |   |
| 2470                               | Pottery, ceramics, and related products manufacturing                          | 32711   |
| 2480                               | Structural clay product manufacturing  | 32712   |
| 2490                               | Glass and glass product manufacturing  | 3272  |
| 2570                               | Cement, concrete, lime, and gypsum product manufacturing                       | 3273, 3274  |
| 2590                               | Miscellaneous nonmetallic mineral product manufacturing                        | 3279  |
| 2670                               | Iron and steel mills and steel product manufacturing                           | 3311, 3312  |
| 2680                               | Aluminum production and processing   | 3313  |
| 2690                               | Nonferrous metal, except aluminum, production and processing                   | 3314  |
| 2770                               | Foundries  | 3315  |
| 2780                               | Metal forgings and stampings   | 3321  |
| 2790                               | Cutlery and hand tool manufacturing  | 3322  |
| 2870                               | Structural metals, and tank and shipping container manufacturing               | 3323, 3324  |
| 2880                               | Machine shops; turned product; screw, nut and bolt manufacturing               | 3327  |
| 2890                               | Coating, engraving, heat treating and allied activities                        | 3328  |
| 2970                               | Ordinance  | 332992 to<br>332995   |
| 2980                               | Miscellaneous fabricated metal products manufacturing                          | 3325, 3326,<br>3329 exc.<br>332992, 332993,<br>332994, 332995 |
| 2990                               | Not specified metal industries   | Part of 331<br>and 332  |
| 3070                               | Agricultural implement manufacturing   | 33311   |
| 3080                               | Construction, mining and oil field machinery manufacturing                     | 33312, 33313  |
| 3095                               | Commercial and service industry machinery manufacturing                        | 3333  |
| 3170                               | Metalworking machinery manufacturing   | 3335  |
| 3180                               | Engines, turbines, and power transmission equipment manufacturing              | 3336  |
| 3190                               | Machinery manufacturing, n.e.c.  | Part of 333   |
| 3365                               | Computer and peripheral equipment manufacturing                                | 3341  |
| 3370                               | Communications, audio, and video equipment manufacturing                       | 3342, 3343  |
| 3380                               | Navigational, measuring, electromedical, and control instruments manufacturing | 3345  |
| 3390                               | Electronic component and product manufacturing, n.e.c.                         | 3344, 3346  |
| 3470                               | Household appliance manufacturing  | 3352  |
| 3490                               | Electrical lighting, equipment, and supplies manufacturing, n.e.c.             | 3351, 3353,<br>3359   |
| 3570                               | Motor vehicles and motor vehicle equipment manufacturing                       | 3361, 3362,<br>3363   |
| 3580                               | Aircraft and parts manufacturing   | 336411 to<br>336413   |
| 3590                               | Aerospace products and parts manufacturing                                     | 336414,<br>336415, 336419                                     |
| 3670                               | Railroad rolling stock manufacturing   | 3365  |
| 3680                               | Ship and boat building   | 3366  |
| 3690                               | Other transportation equipment manufacturing                                   | 3369  |



| <b>CODE</b> | <b>DESCRIPTION</b>                                | <b>INDUSTRY CODE</b>        |
|-------------|---|-----------------------------|
| 3770        | Sawmills and wood preservation                    | 3211                        |
| 3780        | Veneer, plywood, and engineered wood products     | 3212                        |
| 3790        | Prefabricated wood buildings and mobile homes     | 321991,<br>321992           |
| 3875        | Miscellaneous wood products                       | 3219 exc.<br>321991, 321992 |
| 3895        | Furniture and related product manufacturing       | 337                         |
| 3960        | Medical equipment and supplies manufacturing      | 3391                        |
| 3970        | Toys, amusement, and sporting goods manufacturing | 33992, 33993                |
| 3980        | Miscellaneous manufacturing, n.e.c.               | 3399 exc.<br>33992, 33993   |
| 3990        | Not specified manufacturing industries            | Part of 31, 32, 33          |

### **Wholesale Trade**

#### **Durable Goods Wholesale**

|      |  |                    |
|------|--|--------------------|
| 4070 | Motor vehicles, parts and supplies, merchant wholesalers                     | 4231               |
| 4080 | Furniture and home furnishing, merchant wholesalers                          | 4232               |
| 4090 | Lumber and other construction materials, merchant wholesalers                | 4233               |
| 4170 | Professional and commercial equipment and supplies, merchant wholesalers     | 4234               |
| 4180 | Metals and minerals, except petroleum, merchant wholesalers                  | 4235               |
| 4195 | Electrical goods, merchant wholesalers                                       | 4236               |
| 4265 | Hardware, plumbing and heating equipment, and supplies, merchant wholesalers | 4237               |
| 4270 | Machinery, equipment, and supplies, merchant wholesalers                     | 4238               |
| 4280 | Recyclable material, merchant wholesalers                                    | 42393              |
| 4290 | Miscellaneous durable goods, merchant wholesalers                            | 4239 exc.<br>42393 |

#### **Nondurable Goods Wholesale**

|      |   |                    |
|------|---|--------------------|
| 4370 | Paper and paper products, merchant wholesalers                          | 4241               |
| 4380 | Drugs, sundries, and chemical and allied products, merchant wholesalers | 4242, 4246         |
| 4390 | Apparel, fabrics, and notions, merchant wholesalers                     | 4243               |
| 4470 | Groceries and related products, merchant wholesalers                    | 4244               |
| 4480 | Farm product raw materials, merchant wholesalers                        | 4245               |
| 4490 | Petroleum and petroleum products, merchant wholesalers                  | 4247               |
| 4560 | Alcoholic beverages, merchant wholesalers                               | 4248               |
| 4570 | Farm supplies, merchant wholesalers                                     | 42491              |
| 4580 | Miscellaneous nondurable goods, merchant wholesalers                    | 4249 exc.<br>42491 |
| 4585 | Wholesale electronic markets, agents and brokers                        | 4251               |
| 4590 | Not specified wholesale trade   | Part of 42         |

| CODE                | DESCRIPTION                                      | INDUSTRY CODE           |
|---------------------|--|-------------------------|
| <b>Retail Trade</b> |  |                         |
| 4670                | Automobile dealers                               | 4411                    |
| 4680                | Other motor vehicle dealers                      | 4412                    |
| 4690                | Auto parts, accessories, and tire stores         | 4413                    |
| 4770                | Furniture and home furnishings stores            | 442                     |
| 4780                | Household appliance stores                       | 443111                  |
| 4795                | Radio, TV, and computer stores                   | 443112,<br>44312        |
| 4870                | Building material and supplies dealers           | 4441 exc.<br>44413      |
| 4880                | Hardware stores                                  | 44413                   |
| 4890                | Lawn and garden equipment and supplies stores    | 4442                    |
| 4970                | Grocery stores                                   | 4451                    |
| 4980                | Specialty food stores                            | 4452                    |
| 4990                | Beer, wine, and liquor stores                    | 4453                    |
| 5070                | Pharmacies and drug stores                       | 4461                    |
| 5080                | Health and personal care, except drug, stores    | 446 exc.<br>44611       |
| 5090                | Gasoline stations                                | 447                     |
| 5170                | Clothing and accessories, except shoe, stores    | 448 exc.<br>44821, 4483 |
| 5180                | Shoe stores                                      | 44821                   |
| 5190                | Jewelry, luggage, and leather goods stores       | 4483                    |
| 5275                | Sporting goods, camera, and hobby and toy stores | 44313, 45111,<br>45112  |
| 5280                | Sewing, needlework, and piece goods stores       | 45113                   |
| 5295                | Music stores                                     | 45114, 45122            |
| 5370                | Book stores and news dealers                     | 45121                   |
| 5380                | Department stores and discount stores            | 45211                   |
| 5390                | Miscellaneous general merchandise stores         | 4529                    |
| 5470                | Retail florists                                  | 4531                    |
| 5480                | Office supplies and stationery stores            | 45321                   |
| 5490                | Used merchandise stores                          | 4533                    |
| 5570                | Gift, novelty, and souvenir shops                | 45322                   |
| 5580                | Miscellaneous retail stores                      | 4539                    |
| 5590                | Electronic shopping                              | 454111                  |
| 5591                | Electronic auctions                              | 454112                  |
| 5592                | Mail order houses                                | 454113                  |
| 5670                | Vending machine operators                        | 4542                    |
| 5680                | Fuel dealers                                     | 45431                   |
| 5690                | Other direct selling establishments              | 45439                   |
| 5790                | Not specified retail trade                       | Part of 44, 45          |

| CODE  | DESCRIPTION   | INDUSTRY CODE                      |
|---|---|------------------------------------|
| <b>Transportation and Warehousing</b>                                 |   |                                    |
| 6070  | Air transportation  | 481                                |
| 6080  | Rail transportation   | 482                                |
| 6090  | Water transportation  | 483                                |
| 6170  | Truck transportation  | 484                                |
| 6180  | Bus service and urban transit   | 4851, 4852,<br>4854, 4855,<br>4859 |
| 6190  | Taxi and limousine service  | 4853                               |
| 6270  | Pipeline transportation   | 486                                |
| 6280  | Scenic and sightseeing transportation                                   | 487                                |
| 6290  | Services incidental to transportation                                   | 488                                |
| 6370  | Postal Service  | 491                                |
| 6380  | Couriers and messengers   | 492                                |
| 6390  | Warehousing and storage   | 493                                |
| <b>Information</b>  |   |                                    |
| 6470  | Newspaper publishers  | 51111                              |
| 6480  | Publishing, except newspapers and software                              | 5111 exc.<br>51111                 |
| 6490  | Software publishing   | 5112                               |
| 6570  | Motion pictures and video industries                                    | 5121                               |
| 6590  | Sound recording industries  | 5122                               |
| 6670  | Radio and television broadcasting and cable                             | 515                                |
| 6672  | Internet Publishing and Broadcasting                                    | 51913                              |
| 6680  | Wired telecommunications carriers                                       | 5171                               |
| 6690  | Other telecommunications services                                       | 517 exc.<br>5171                   |
| 6695  | Data processing, hosting, and related services                          | 518                                |
| 6770  | Libraries and archives  | 51912                              |
| 6780  | Other information services  | 5191 exc.<br>51912, 51913          |
| <b><i>Finance, Insurance, Real Estate, and Rental and Leasing</i></b> |   |                                    |
| <b>Finance and Insurance</b>  |   |                                    |
| 6870  | Banking and related activities  | 521, 52211,<br>52219               |
| 6880  | Savings institutions, including credit unions                           | 52212, 52213                       |
| 6890  | Non-depository credit and related activities                            | 5222, 5223                         |
| 6970  | Securities, commodities, funds, trusts, and other financial investments | 523, 525                           |
| 6990  | Insurance carriers and related activities                               | 524                                |

| CODE   | DESCRIPTION  | INDUSTRY CODE                |
|--|--|------------------------------|
| <b>Real Estate and Rental and Leasing</b>  |  |                              |
| 7070   | Real estate  | 531                          |
| 7080   | Automotive equipment rental and leasing                                  | 5321                         |
| 7170   | Video tape and disk rental   | 53223                        |
| 7180   | Other consumer goods rental  | 53221, 53222,<br>53229, 5323 |
| 7190   | Commercial, industrial, and other intangible assets rental and leasing   | 5324, 533                    |
| <b>Professional, Scientific, Management, Administrative, and Waste management services</b> |  |                              |
| <b>Professional, Scientific, and Technical Services</b>                                    |  |                              |
| 7270   | Legal services   | 5411                         |
| 7280   | Accounting, tax preparation, bookkeeping, and payroll services           | 5412                         |
| 7290   | Architectural, engineering, and related services                         | 5413                         |
| 7370   | Specialized design services  | 5414                         |
| 7380   | Computer systems design and related services                             | 5415                         |
| 7390   | Management, scientific, and technical consulting services                | 5416                         |
| 7460   | Scientific research and development services                             | 5417                         |
| 7470   | Advertising and related services   | 5418                         |
| 7480   | Veterinary services  | 54194                        |
| 7490   | Other professional, scientific, and technical services                   | 5419 exc.<br>54194           |
| <b>Management, Administrative and Support, and Waste Management Services</b>               |  |                              |
| <b><i>Management of companies and enterprises</i></b>                                      |  |                              |
| 7570   | Management of companies and enterprises                                  | 551                          |
| <b><i>Administrative and support and waste management services</i></b>                     |  |                              |
| 7580   | Employment services  | 5613                         |
| 7590   | Business support services  | 5614                         |
| 7670   | Travel arrangements and reservation services                             | 5615                         |
| 7680   | Investigation and security services                                      | 5616                         |
| 7690   | Services to buildings and dwellings                                      | 5617 exc.<br>56173           |
|  | (except cleaning during construction and immediately after construction) | 7770                         |
| 7770   | Landscaping services   | 56173                        |
| 7780   | Other administrative and other support services                          | 5611, 5612,<br>5619          |
| 7790   | Waste management and remediation services                                | 562                          |

| CODE | DESCRIPTION | INDUSTRY CODE |
|------|-------------|---------------|
|------|-------------|---------------|

***Educational, Health and Social Services***

**Educational Services**

|      |  |            |
|------|--|------------|
| 7860 | Elementary and secondary schools                     | 6111       |
| 7870 | Colleges and universities, including junior colleges | 6112, 6113 |
| 7880 | Business, technical, and trade schools and training  | 6114, 6115 |
| 7890 | Other schools, instruction, and educational services | 6116, 6117 |

**Health Care and Social Assistance**

|      |  |                           |
|------|--|---------------------------|
| 7970 | Offices of physicians                              | 6211                      |
| 7980 | Offices of dentists                                | 6212                      |
| 7990 | Offices of chiropractors                           | 62131                     |
| 8070 | Offices of optometrists                            | 62132                     |
| 8080 | Offices of other health practitioners              | 6213 exc.<br>62131, 62132 |
| 8090 | Outpatient care centers                            | 6214                      |
| 8170 | Home health care services                          | 6216                      |
| 8180 | Other health care services                         | 6215, 6219                |
| 8190 | Hospitals  | 622                       |
| 8270 | Nursing care facilities                            | 6231                      |
| 8290 | Residential care facilities, without nursing       | 6232, 6233,<br>6239       |
| 8370 | Individual and family services                     | 6241                      |
| 8380 | Community food and housing, and emergency services | 6242                      |
| 8390 | Vocational rehabilitation services                 | 6243                      |
| 8470 | Child day care services                            | 6244                      |

***Arts, Entertainment, Recreation, Accommodation, and Food Services***

**Arts, Entertainment, and Recreation**

|      |  |                   |
|------|--|-------------------|
| 8560 | Independent artists, performing arts, spectator sports, and related industries | 711               |
| 8570 | Museums, art galleries, historical sites, and similar institutions             | 712               |
| 8580 | Bowling centers  | 71395             |
| 8590 | Other amusement, gambling, and recreation industries                           | 713 exc.<br>71395 |

**Accommodation and Food Service**

|      |   |               |
|------|---|---------------|
| 8660 | Traveler accommodation  | 7211          |
| 8670 | Recreational vehicle parks and camps, and rooming and boarding houses | 7212, 7213    |
| 8680 | Restaurants and other food services                                   | 722 exc. 7224 |
| 8690 | Drinking places, alcoholic beverages                                  | 7224          |

| CODE   | DESCRIPTION   | INDUSTRY CODE                     |
|--|---|-----------------------------------|
| <b>Other Services (Except Public Administration)</b> |   |                                   |
| 8770   | Automotive repair and maintenance   | 8111 exc.<br>811192               |
| 8780   | Car washes  | 811192                            |
| 8790   | Electronic and precision equipment repair and maintenance                                 | 8112                              |
| 8870   | Commercial and industrial machinery and equipment repair and maintenance                  | 8113                              |
| 8880   | Personal and household goods repair and maintenance and footwear and leather goods repair | 8114                              |
| 8970   | Barber shops  | 812111                            |
| 8980   | Beauty salons   | 812112                            |
| 8990   | Nail salons and other personal care services  | 812113,<br>81219                  |
| 9070   | Dry cleaning and laundry services   | 8123                              |
| 9080   | Funeral homes, cemeteries, and crematories  | 8122                              |
| 9090   | Other personal services   | 8129                              |
| 9160   | Religious organizations   | 8131                              |
| 9170   | Civic, social, advocacy organizations, and grant making and giving services               | 8132, 8133,<br>8134               |
| 9180   | Labor unions  | 81393                             |
| 9190   | Business, professional, political, and similar organizations                              | 8139 exc.<br>81393                |
| 9290   | Private households  | 814                               |
| <b>Public Administration</b>                         |   |                                   |
| 9370   | Executive offices and legislative bodies  | 92111, 92112,<br>92114, pt. 92115 |
| 9380   | Public finance activities   | 92113                             |
| 9390   | Other general government and support  | 92119                             |
| 9470   | Justice, public order, and safety activities  | 922, pt. 92115                    |
| 9480   | Administration of human resource programs   | 923                               |
| 9490   | Administration of environmental quality and housing programs                              | 924, 925                          |
| 9570   | Administration of economic programs and space research                                    | 926, 927                          |
| 9590   | National security and international affairs   | 925                               |
| <b>Armed Forces</b>                                  |   |                                   |
| 9890   | Armed Forces  | 9281                              |

## Detailed Industry Recodes (01-52)

These codes correspond to Items PRDTIND1 and PRDTIND2 in positions 472-475 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTIND and are located in positions 209-210.

| CODE | DESCRIPTION   | INDUSTRY CODE     |
|------|---|-------------------|
| 1    | Agriculture   | 0170 - 0180, 0290 |
| 2    | Forestry, logging, fishing, hunting, and trapping       | 0190 - 0280       |
| 3    | Mining  | 0370 - 0490       |
| 4    | Construction  | 0770              |
| 5    | Nonmetallic mineral products                            | 2470 - 2590       |
| 6    | Primary metals and fabricated metal products            | 2670 - 2990       |
| 7    | Machinery manufacturing                                 | 3070 - 3290       |
| 8    | Computer and electronic products                        | 3365 - 3390       |
| 9    | Electrical equipment, appliance manufacturing           | 3470, 3490        |
| 10   | Transportation equipment manufacturing                  | 3570 - 3690       |
| 11   | Wood products   | 3770 - 3875       |
| 12   | Furniture and fixtures manufacturing                    | 3895              |
| 13   | Miscellaneous and not specified manufacturing           | 3960 - 3990       |
| 14   | Food manufacturing                                      | 1070 - 1290       |
| 15   | Beverage and tobacco products                           | 1370, 1390        |
| 16   | Textile, apparel, and leather manufacturing             | 1470 - 1790       |
| 17   | Paper and printing                                      | 1870 - 1990       |
| 18   | Petroleum and coal products                             | 2070, 2090        |
| 19   | Chemical manufacturing                                  | 2170 - 2290       |
| 20   | Plastics and rubber products                            | 2370 - 2390       |
| 21   | Wholesale trade   | 4070 - 4590       |
| 22   | Retail trade  | 4670 - 5790       |
| 23   | Transportation and warehousing                          | 6070 - 6390       |
| 24   | Utilities   | 0570 - 0690       |
| 25   | Publishing industries (except internet)                 | 6470 - 6490       |
| 26   | Motion picture and sound recording industries           | 6570, 6590        |
| 27   | Broadcasting (except internet)                          | 6670              |
| 28   | Internet publishing and broadcasting                    | 6675              |
| 29   | Telecommunications                                      | 6680, 6690        |
| 30   | Internet service providers and data processing services | 6692, 6695        |
| 31   | Other information services                              | 6770, 6780        |
| 32   | Finance   | 6870 - 6970       |
| 33   | Insurance   | 6990              |
| 34   | Real estate   | 7070              |
| 35   | Rental and leasing services                             | 7080 - 7190       |
| 36   | Professional and technical services                     | 7270 - 7490       |
| 37   | Management of companies and enterprises                 | 7570              |
| 38   | Administrative and support services                     | 7580 - 7780       |
| 39   | Waste management and remediation services               | 7790              |
| 40   | Educational services                                    | 7860 - 7890       |
| 41   | Hospitals   | 8190              |
| 42   | Health care services, except hospitals                  | 7970 - 8180       |

| <b>CODE</b> | <b>DESCRIPTION</b>                        | <b>INDUSTRY CODE</b> |
|-------------|---|----------------------|
| 43          | Social assistance                         | 8370 - 8470          |
| 44          | Arts, entertainment, and recreation       | 8560 - 8590          |
| 45          | Accommodation                             | 8660, 8670           |
| 46          | Food services and drinking places         | 8680, 8690           |
| 47          | Repair and maintenance                    | 8770 - 8890          |
| 48          | Personal and laundry services             | 8970 - 9090          |
| 49          | Membership associations and organizations | 9160 - 9190          |
| 50          | Private households                        | 9290                 |
| 51          | Public administration                     | 9370 - 9590          |
| 52          | Armed forces                              | 9890                 |



## Major Industry Recodes (01-14)

These codes correspond to Items PRMJIND1 and PRMJIND2 located in positions 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJIND and are located in positions 207-208.

| CODE | DESCRIPTION                                 | INDUSTRY CODE    |
|------|---|------------------|
| 1    | Agriculture, forestry, fishing, and hunting | 0170-0290        |
| 2    | Mining                                      | 0370-0490        |
| 3    | Construction                                | 0770             |
| 4    | Manufacturing                               | 1070-3990        |
| 5    | Wholesale and retail trade                  | 4070-5790        |
| 6    | Transportation and utilities                | 6070-6390, 0570- |
| 7    | Information                                 | 6470-6780        |
| 8    | Financial activities                        | 6870-7190        |
| 9    | Professional and business services          | 7270-7790        |
| 10   | Educational and health services             | 7860-8470        |
| 11   | Leisure and hospitality                     | 8560-8690        |
| 12   | Other services                              | 8770-9290        |
| 13   | Public administration                       | 9370-9590        |
| 14   | Armed Forces                                | 9890             |

# APPENDIX 10

## OCCUPATION CLASSIFICATION

(Beginning May 2012)

These categories are aggregated into 23 detailed groups and 11 major groups (see pages 10-13 and 10-14). The codes in the right hand column are the 2010 SOC equivalent.

These codes correspond to items PEIO1OCD and PEIO2OCD in positions 860-863 and 868-871 of the Basic CPS record layout in all months. In **ASEC**, these codes correspond to items PEIOOCC and OCCUP located in positions 172-172 and 296-299 of the Persons Record. These codes are also applicable for any other CPS supplements that collect occupation data.

| 2010<br>CENSUS<br>CODE        | DESCRIPTION   | 2010<br>SOC<br>CODE |
|-------------------------------|---|---------------------|
| <b>Management Occupations</b> |   |                     |
| 0010                          | Chief executives  | 11-1011             |
| 0020                          | General and operations managers                           | 11-1021             |
| 0040                          | Advertising and promotions managers                       | 11-2011             |
| 0050                          | Marketing and sales managers                              | 11-2020             |
| 0060                          | Public relations managers                                 | 11-2031             |
| 0100                          | Administrative services managers                          | 11-3011             |
| 0110                          | Computer and information systems managers                 | 11-3021             |
| 0120                          | Financial managers  | 11-3031             |
| 0135                          | Compensation and benefits managers                        | 11-3111             |
| 0136                          | Human resources managers                                  | 11-3121             |
| 0137                          | Training and development managers                         | 11-3131             |
| 0140                          | Industrial production managers                            | 11-3051             |
| 0150                          | Purchasing managers                                       | 11-3061             |
| 0160                          | Transportation, storage, and distribution managers        | 11-3071             |
| 0205                          | Farmers, ranchers, and other agricultural managers        | 11-9013             |
| 0220                          | Construction managers                                     | 11-9021             |
| 0230                          | Education administrators                                  | 11-9030             |
| 0300                          | Engineering managers                                      | 11-9041             |
| 0310                          | Food service managers                                     | 11-9051             |
| 0330                          | Gaming managers   | 11-9071             |
| 0340                          | Lodging managers  | 11-9081             |
| 0350                          | Medical and health services managers                      | 11-9111             |
| 0360                          | Natural sciences managers                                 | 11-9121             |
| 0410                          | Property, real estate, and community association managers | 11-9141             |
| 0420                          | Social and community service managers                     | 11-9151             |
| 0425                          | Emergency management directors                            | 11-9161             |

**2010  
CENSUS  
CODE DESCRIPTION**

**2010  
SOC  
CODE**

0430 Managers, all other

11-XXXX

**Business and Financial Operations Occupations**

**Business Operations Specialists**

|      |   |         |
|------|---|---------|
| 0500 | Agents and business managers of artists, performers, and athletes | 13-1011 |
| 0510 | Purchasing agents and buyers, farm products                       | 13-1021 |
| 0520 | Wholesale and retail buyers, except farm products                 | 13-1022 |
| 0530 | Purchasing agents, except wholesale, retail, and farm products    | 13-1023 |
| 0540 | Claims adjusters, appraisers, examiners, and investigators        | 13-1030 |
| 0565 | Compliance officers   | 13-1041 |
| 0600 | Cost estimators   | 13-1051 |
| 0630 | Human resource workers  | 13-1070 |
| 0640 | Compensation, benefits, and job analysis specialists              | 13-1141 |
| 0650 | Training and development specialists                              | 13-1151 |
| 0700 | Logisticians  | 13-1081 |
| 0710 | Management analysts   | 13-1111 |
| 0725 | Meeting, convention, and event planners                           | 13-1121 |
| 0726 | Fundraisers   | 13-1131 |
| 0735 | Market research analysts and marketing specialists                | 13-1161 |
| 0740 | Business operations specialists, all other                        | 13-1199 |

**Financial Specialists**

|      |   |         |
|------|---|---------|
| 0800 | Accountants and auditors                      | 13-2011 |
| 0810 | Appraisers and assessors of real estate       | 13-2021 |
| 0820 | Budget analysts                               | 13-2031 |
| 0830 | Credit analysts                               | 13-2041 |
| 0840 | Financial analysts                            | 13-2051 |
| 0850 | Personal financial advisors                   | 13-2052 |
| 0860 | Insurance underwriters                        | 13-2053 |
| 0900 | Financial examiners                           | 13-2061 |
| 0910 | Loan counselors and officers                  | 13-2070 |
| 0930 | Tax examiners, collectors, and revenue agents | 13-2081 |
| 0940 | Tax preparers                                 | 13-2082 |
| 0950 | Financial specialists, all other              | 13-2099 |

**Computer and Mathematical Occupations**

|      |  |         |
|------|--|---------|
| 1005 | Computer and information research scientists           | 15-1111 |
| 1006 | Computer systems analysts                              | 15-1121 |
| 1007 | Information security analysts                          | 15-1122 |
| 1010 | Computer programmers                                   | 15-1131 |
| 1020 | Software developers, applications and systems software | 15-113X |
| 1030 | Web developers   | 15-1134 |
| 1050 | Computer support specialists                           | 15-1150 |
| 1060 | Database administrators                                | 15-1141 |
| 1105 | Network and computer systems administrators            | 15-1142 |
| 1106 | Computer network architects                            | 15-1143 |

|      |  |         |
|------|--|---------|
| 1107 | Computer occupations, all other  | 15-1199 |
| 1200 | Actuaries  | 15-2011 |
| 1220 | Operations research analysts   | 15-20XX |
| 1240 | Mathematicians, statisticians and miscellaneous mathematical science occupations |         |

### **Architecture and Engineering Occupations**

|      |  |         |
|------|--|---------|
| 1300 | Architects, except naval   | 17-1010 |
| 1310 | Surveyors, cartographers, and photogrammetrists                    | 17-1020 |
| 1320 | Aerospace engineers  | 17-2011 |
| 1340 | Agricultural and biomedical engineers                              | 17-20XX |
| 1350 | Chemical engineers   | 17-2041 |
| 1360 | Civil engineers  | 17-2051 |
| 1400 | Computer hardware engineers  | 17-2061 |
| 1410 | Electrical and electronic engineers                                | 17-2070 |
| 1420 | Environmental engineers  | 17-2081 |
| 1430 | Industrial engineers, including health and safety                  | 17-2110 |
| 1440 | Marine engineers and naval architects                              | 17-2121 |
| 1450 | Materials engineers  | 17-2131 |
| 1460 | Mechanical engineers   | 17-2141 |
| 1500 | Mining and geological engineers, including mining safety engineers | 17-2151 |
| 1510 | Nuclear engineers  | 17-2161 |
| 1520 | Petroleum engineers  | 17-2171 |
| 1530 | Engineers, all other   | 17-2199 |
| 1540 | Drafters   | 17-3010 |
| 1550 | Engineering technicians, except drafters                           | 17-3020 |
| 1560 | Surveying and mapping technicians                                  | 17-3031 |

### **Life, Physical, and Social Science Occupations**

|      |  |         |
|------|--|---------|
| 1600 | Agricultural and food scientists   | 19-1010 |
| 1610 | Biological scientists  | 19-1020 |
| 1640 | Conservation scientists and foresters  | 19-1030 |
| 1650 | Medical scientists and life scientists, all other                              | 19-10XX |
| 1700 | Astronomers and physicists   | 19-2010 |
| 1710 | Atmospheric and space scientists   | 19-2021 |
| 1720 | Chemists and materials scientists  | 19-2030 |
| 1740 | Environmental scientists and geoscientists                                     | 19-2040 |
| 1760 | Physical scientists, all other   | 19-2099 |
| 1800 | Economists   | 19-3011 |
| 1820 | Psychologists  | 19-3030 |
| 1840 | Urban and regional planners  | 19-3051 |
| 1860 | Miscellaneous social scientists, including survey researchers and sociologists | 19-30XX |
| 1900 | Agricultural and food science technicians                                      | 19-4011 |
| 1910 | Biological technicians   | 19-4021 |
| 1920 | Chemical technicians   | 19-4031 |
| 1930 | Geological and petroleum technicians   | 19-4041 |
| 1965 | Miscellaneous life, physical, and social science technicians                   |         |

**2010  
CENSUS  
CODE DESCRIPTION**

**2010  
SOC  
CODE**

**Community and Social Services Occupations**

|      |   |         |
|------|---|---------|
| 2000 | Counselors  | 21-1010 |
| 2010 | Social workers  | 21-1020 |
| 2015 | Probation officers and correctional treatment specialists   | 21-1092 |
| 2016 | Social and human service assistants   | 21-1093 |
| 2025 | Miscellaneous community and social service specialists, including health educators and community health workers | 21-109X |
| 2040 | Clergy  | 21-2011 |
| 2050 | Directors, religious activities and education   | 21-2021 |
| 2060 | Religious workers, all other  | 21-2099 |

**Legal Occupations**

|      |  |         |
|------|--|---------|
| 2100 | Lawyers, Judges, magistrates, and other judicial workers | 23-1011 |
|      |  | 23-1020 |
| 2105 | Judicial law clerks                                      | 23-1012 |
| 2145 | Paralegals and legal assistants                          | 23-2011 |
| 2160 | Miscellaneous legal support workers                      | 23-2090 |

**Education, Training, and Library Occupations**

|      |  |         |
|------|--|---------|
| 2200 | Postsecondary teachers                         | 25-1000 |
| 2300 | Preschool and kindergarten teachers            | 25-2010 |
| 2310 | Elementary and middle school teachers          | 25-2020 |
| 2320 | Secondary school teachers                      | 25-2050 |
| 2330 | Special education teachers                     | 25-2040 |
| 2340 | Other teachers and instructors                 | 25-3000 |
| 2400 | Archivists, curators, and museum technicians   | 25-4010 |
| 2430 | Librarians                                     | 25-4021 |
| 2440 | Library technicians                            | 25-4031 |
| 2540 | Teacher assistants                             | 25-9041 |
| 2550 | Other education, training, and library workers | 25-90XX |

**Arts, Design, Entertainment, Sports, and Media Occupations**

|      |  |         |
|------|--|---------|
| 2600 | Artists and related workers  | 27-1010 |
| 2630 | Designers  | 27-1020 |
| 2700 | Actors   | 27-2011 |
| 2710 | Producers and directors  | 27-2012 |
| 2720 | Athletes, coaches, umpires, and related workers                    | 27-2020 |
| 2740 | Dancers and choreographers   | 27-2030 |
| 2750 | Musicians, singers, and related workers                            | 27-2040 |
| 2760 | Entertainers and performers, sports and related workers, all other | 27-2099 |
| 2800 | Announcers   | 27-3010 |
| 2810 | News analysts, reporters and correspondents                        | 27-3020 |
| 2825 | Public relations specialists                                       | 27-3031 |
| 2830 | Editors  | 27-3041 |
| 2840 | Technical writers  | 27-3042 |
| 2850 | Writers and authors  | 27-3043 |

|      |   |         |
|------|---|---------|
| 2860 | Miscellaneous media and communication workers   | 27-3090 |
| 2900 | Broadcast and sound engineering technicians and radio operators, and media and communication equipment workers, all other | 27-40XX |
| 2910 | Photographers   | 27-4021 |
| 2920 | Television, video, and motion picture camera operators and editors  | 27-4030 |

### **Healthcare Practitioners and Technical Occupations**

|      |   |         |
|------|---|---------|
| 3000 | Chiropractors   | 29-1011 |
| 3010 | Dentists  | 29-1020 |
| 3030 | Dietitians and nutritionists  | 29-1031 |
| 3040 | Optometrists  | 29-1041 |
| 3050 | Pharmacists   | 29-1051 |
| 3060 | Physicians and surgeons   | 29-1060 |
| 3110 | Physician assistants  | 29-1071 |
| 3140 | Audiologists  | 29-1181 |
| 3150 | Occupational therapists   | 29-1122 |
| 3160 | Physical therapists   | 29-1123 |
| 3200 | Radiation therapists  | 29-1124 |
| 3210 | Recreational therapists   | 29-1125 |
| 3220 | Respiratory therapists  | 29-1126 |
| 3230 | Speech-language pathologists  | 29-1127 |
| 3245 | Exercise physiologists and therapists, all other                                | 29-112X |
| 3250 | Veterinarians   | 29-1131 |
| 3255 | Registered nurses   | 29-1141 |
| 3256 | Nurse anesthetists  | 29-1151 |
| 3258 | Nurse midwives and nurse practitioners  | 29-11XX |
| 3260 | Health diagnosing and treating practitioners, all other                         | 29-1199 |
| 3300 | Clinical laboratory technologists and technicians                               | 29-2010 |
| 3310 | Dental hygienists   | 29-2021 |
| 3320 | Diagnostic related technologists and technicians                                | 29-2030 |
| 3400 | Emergency medical technicians and paramedics                                    | 29-2041 |
| 3420 | Health diagnosing and treating practitioner support technicians                 | 29-2050 |
| 3500 | Licensed practical and licensed vocational nurses                               | 29-2061 |
| 3510 | Medical records and health information technicians                              | 29-2071 |
| 3520 | Opticians, dispensing   | 29-2081 |
| 3535 | Miscellaneous health technologists and technicians                              | 29-2090 |
| 3540 | Other healthcare practitioners and technical occupations, including podiatrists | 29-XXXX |

### **Healthcare Support Occupations**

|      |  |         |
|------|--|---------|
| 3600 | Nursing, psychiatric, and home health aides            | 31-1010 |
| 3610 | Occupational therapist assistants and aides            | 31-2010 |
| 3620 | Physical therapist assistants and aides                | 31-2020 |
| 3630 | Massage therapists                                     | 31-9011 |
| 3640 | Dental assistants                                      | 31-9091 |
| 3645 | Medical assistants                                     | 31-9092 |
| 3646 | Medical transcriptionists                              | 31-9094 |
| 3647 | Pharmacy aides   | 31-9095 |
| 3648 | Veterinary assistants and laboratory animal caretakers | 31-9096 |
| 3649 | Phlebotomists  | 31-9097 |

**2010  
CENSUS  
CODE DESCRIPTION**

**2010  
SOC  
CODE**

|      |   |         |
|------|---|---------|
| 3655 | Miscellaneous healthcare support occupations, including medical equipment preparers | 31-909X |
|------|---|---------|

**Protective Service Occupations**

|      |  |         |
|------|--|---------|
| 3700 | First-line supervisors/managers of correctional officers                   | 33-1011 |
| 3710 | First-line supervisors/managers of police and detectives                   | 33-1012 |
| 3720 | First-line supervisors/managers of fire fighting and prevention workers    | 33-1021 |
| 3730 | Supervisors, protective service workers, all other                         | 33-1099 |
| 3740 | Fire fighters  | 33-2011 |
| 3750 | Fire inspectors  | 33-2020 |
| 3800 | Bailiffs, correctional officers, and jailers                               | 33-3010 |
| 3820 | Detectives and criminal investigators                                      | 33-3021 |
| 3840 | Miscellaneous law enforcement workers                                      | 33-30XX |
| 3850 | Police officers  | 33-3050 |
| 3900 | Animal control workers   | 33-9011 |
| 3910 | Private detectives and investigators                                       | 33-9021 |
| 3930 | Security guards and gaming surveillance officers                           | 33-9030 |
| 3940 | Crossing guards  | 33-9091 |
| 3945 | Transportation security screeners  | 33-9093 |
| 3955 | Lifeguards and other recreational and all other protective service workers | 33-909X |

**Food Preparation and Serving Related Occupations**

|      |  |         |
|------|--|---------|
| 4000 | Chefs and head cooks   | 35-1011 |
| 4010 | First-line supervisors/managers of food preparation and serving workers  | 35-1012 |
| 4020 | Cooks  | 35-2010 |
| 4030 | Food preparation workers   | 35-2021 |
| 4040 | Bartenders   | 35-3011 |
| 4050 | Combined food preparation and serving workers, including fast food   | 35-3021 |
| 4060 | Counter attendants, cafeteria, food concession, and coffee shop  | 35-3022 |
| 4110 | Waiters and waitresses   | 35-3031 |
| 4120 | Food servers, nonrestaurant  | 35-3041 |
| 4130 | Food preparation and serving related workers, all other including dining room and cafeteria attendants and bartender helpers | 35-9011 |
| 4140 | Dishwashers  | 35-9021 |
| 4150 | Hosts and hostesses, restaurant, lounge, and coffee shop   | 35-9031 |

**Building and Grounds Cleaning and Maintenance Occupations**

|      |  |         |
|------|--|---------|
| 4200 | First-line supervisors/managers of housekeeping and janitorial workers                   | 37-1011 |
| 4210 | First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers | 37-1012 |
| 4220 | Janitors and building cleaners   | 31-201X |
| 4230 | Maids and housekeeping cleaners  | 37-2012 |
| 4240 | Pest control workers   | 37-2021 |
| 4250 | Grounds maintenance workers  | 37-3010 |

### **Personal Care and Service Occupations**

|      |   |         |
|------|---|---------|
| 4300 | First-line supervisors/managers of gaming workers           | 39-1010 |
| 4320 | First-line supervisors/managers of personal service workers | 39-1021 |
| 4340 | Animal trainers   | 39-2011 |
| 4350 | Nonfarm animal caretakers                                   | 39-2021 |
| 4400 | Gaming services workers                                     | 39-3010 |
| 4410 | Motion picture projectionists                               | 39-3021 |
| 4420 | Ushers, lobby attendants, and ticket takers                 | 39-3031 |
| 4430 | Miscellaneous entertainment attendants and related workers  | 39-3090 |
| 4460 | Embalmers and funeral attendants                            | 39-40XX |
| 4465 | Morticians, undertakers, and funeral directors              | 39-4031 |
| 4500 | Barbers   | 39-5011 |
| 4510 | Hairdressers, hairstylists, and cosmetologists              | 39-5012 |
| 4520 | Miscellaneous personal appearance workers                   | 39-5090 |
| 4530 | Baggage porters, bellhops, and concierges                   | 39-6010 |
| 4540 | Tour and travel guides                                      | 39-7010 |
| 4600 | Child care workers  | 39-9011 |
| 4610 | Personal and home care aides                                | 39-9021 |
| 4620 | Recreation and fitness workers                              | 39-9030 |
| 4640 | Residential advisors  | 39-9041 |
| 4650 | Personal care and service workers, all other                | 39-9099 |

### **Sales and Related Occupations**

|      |  |         |
|------|--|---------|
| 4700 | First-line supervisors/managers of retail sales workers                  | 41-1011 |
| 4710 | First-line supervisors/managers of non-retail sales workers              | 41-1012 |
| 4720 | Cashiers   | 41-2010 |
| 4740 | Counter and rental clerks  | 41-2021 |
| 4750 | Parts salespersons   | 41-2022 |
| 4760 | Retail salespersons  | 41-2031 |
| 4800 | Advertising sales agents   | 41-3011 |
| 4810 | Insurance sales agents   | 41-3021 |
| 4820 | Securities, commodities, and financial services sales agents             | 41-3031 |
| 4830 | Travel agents  | 41-3041 |
| 4840 | Sales representatives, services, all other                               | 41-3099 |
| 4850 | Sales representatives, wholesale and manufacturing                       | 41-4010 |
| 4900 | Models, demonstrators, and product promoters                             | 41-9010 |
| 4920 | Real estate brokers and sales agents                                     | 41-9020 |
| 4930 | Sales engineers  | 41-9031 |
| 4940 | Telemarketers  | 41-9041 |
| 4950 | Door-to-door sales workers, news and street vendors, and related workers | 41-9091 |
| 4965 | Sales and related workers, all other                                     | 41-9099 |

### **Office and Administrative Support Occupations**

|      |  |         |
|------|--|---------|
| 5000 | First-line supervisors/managers of office and administrative support workers | 43-1011 |
| 5010 | Switchboard operators, including answering service                           | 43-2011 |
| 5020 | Telephone operators  | 43-2021 |
| 5030 | Communications equipment operators, all other                                | 43-2099 |



**2010  
CENSUS  
CODE DESCRIPTION**

**2010  
SOC  
CODE**

|      |   |         |
|------|---|---------|
| 5100 | Bill and account collectors   | 43-3011 |
| 5110 | Billing and posting clerks and machine operators                          | 43-3021 |
| 5120 | Bookkeeping, accounting, and auditing clerks                              | 43-3031 |
| 5130 | Gaming cage workers   | 43-3041 |
| 5140 | Payroll and timekeeping clerks  | 43-3051 |
| 5150 | Procurement clerks  | 43-3061 |
| 5160 | Tellers   | 43-3071 |
| 5165 | Financial clerks, all other   | 43-3099 |
| 5200 | Brokerage clerks  | 43-4011 |
| 5220 | Court, municipal, and license clerks                                      | 43-4031 |
| 5230 | Credit authorizers, checkers, and clerks                                  | 43-4041 |
| 5240 | Customer service representatives  | 43-4051 |
| 5250 | Eligibility interviewers, government programs                             | 43-4061 |
| 5260 | File Clerks   | 43-4071 |
| 5300 | Hotel, motel, and resort desk clerks                                      | 43-4081 |
| 5310 | Interviewers, except eligibility and loan                                 | 43-4111 |
| 5320 | Library assistants, clerical  | 43-4121 |
| 5330 | Loan interviewers and clerks  | 43-4131 |
| 5340 | New accounts clerks   | 43-4141 |
| 5350 | Correspondence clerks and order clerks                                    | 43-4XXX |
| 5360 | Human resources assistants, except payroll and timekeeping                | 43-4161 |
| 5400 | Receptionists and information clerks                                      | 43-4171 |
| 5410 | Reservation and transportation ticket agents and travel clerks            | 43-4181 |
| 5420 | Information and record clerks, all other                                  | 43-4199 |
| 5500 | Cargo and freight agents  | 43-5011 |
| 5510 | Couriers and messengers   | 43-5021 |
| 5520 | Dispatchers   | 43-5030 |
| 5530 | Meter readers, utilities  | 43-5041 |
| 5540 | Postal service clerks   | 43-5051 |
| 5550 | Postal service mail carriers  | 43-5052 |
| 5560 | Postal service mail sorters, processors, and processing machine operators | 43-5053 |
| 5600 | Production, planning, and expediting clerks                               | 43-5061 |
| 5610 | Shipping, receiving, and traffic clerks                                   | 43-5071 |
| 5620 | Stock clerks and order fillers  | 43-5081 |
| 5630 | Weighers, measurers, checkers, and samplers, recordkeeping                | 43-5111 |
| 5700 | Secretaries and administrative assistants                                 | 43-6010 |
| 5800 | Computer operators  | 43-9011 |
| 5810 | Data entry keyers   | 43-9021 |
| 5820 | Word processors and typists   | 43-9022 |
| 5840 | Insurance claims and policy processing clerks                             | 43-9041 |
| 5850 | Mail clerks and mail machine operators, except postal service             | 43-9051 |
| 5860 | Office clerks, general  | 43-9061 |
| 5900 | Office machine operators, except computer                                 | 43-9071 |
| 5910 | Proofreaders and copy markers   | 43-9081 |
| 5920 | Statistical assistants  | 43-9111 |
| 5940 | Office and administrative support workers, including desktop publishers   |         |

## **Farming, Fishing, and Forestry Occupations**

|      |  |         |
|------|--|---------|
| 6005 | First-line supervisors of farming, fishing, and forestry workers | 45-1011 |
| 6010 | Agricultural inspectors  | 45-2011 |
| 6040 | Graders and sorters, agricultural products                       | 45-2041 |
| 6050 | Miscellaneous agricultural workers, including animal breeders    | 45-20XX |
| 6100 | Fishing and hunting workers                                      | 45-3000 |
| 6120 | Forest and conservation workers                                  | 45-4011 |
| 6130 | Logging workers  | 45-4020 |

## **Construction Trades**

|      |   |         |
|------|---|---------|
| 6200 | First-line supervisors/managers of construction trades and extraction workers               | 47-1011 |
| 6210 | Boilermakers  | 47-2011 |
| 6220 | Brickmasons, blockmasons, and stonemasons   | 47-2020 |
| 6230 | Carpenters  | 47-2031 |
| 6240 | Carpet, floor, and tile installers and finishers  | 47-2040 |
| 6250 | Cement masons, concrete finishers, and terrazzo workers                                     | 47-2050 |
| 6260 | Construction laborers   | 47-2061 |
| 6300 | Paving, surfacing, and tamping equipment operators  | 47-2071 |
| 6320 | Construction equipment operators, except Paving, surfacing, and tamping equipment operators | 47-207X |
| 6330 | Drywall installers, ceiling tile installers, and tapers                                     | 47-2080 |
| 6355 | Electricians  | 47-2111 |
| 6360 | Glaziers  | 47-2121 |
| 6400 | Insulation workers  | 47-2130 |
| 6420 | Painters, construction and maintenance and paperhangers                                     | 47-214X |
| 6440 | Pipelayers, plumbers, pipefitters, and steamfitters   | 47-2150 |
| 6460 | Plasterers and stucco masons  | 47-2161 |
| 6500 | Reinforcing iron and rebar workers  | 47-2171 |
| 6515 | Roofers   | 47-2181 |
| 6520 | Sheet metal workers   | 47-2211 |
| 6530 | Structural iron and steel workers   | 47-2221 |
| 6600 | Helpers, construction trades  | 47-3010 |
| 6660 | Construction and building inspectors  | 47-4011 |
| 6700 | Elevator installers and repairers   | 47-4021 |
| 6710 | Fence erectors  | 47-4031 |
| 6720 | Hazardous materials removal workers   | 47-4041 |
| 6730 | Highway maintenance workers   | 47-4051 |
| 6740 | Rail-track laying and maintenance equipment operators                                       | 47-4061 |
| 6750 | Septic tank servicers and sewer pipe cleaners   | 47-4071 |
| 6765 | Miscellaneous construction and related workers, including photovoltaic installers           |         |

## **Extraction Workers**

|      |   |         |
|------|---|---------|
| 6800 | Derrick, rotary drill, and service unit operators, oil, gas, and mining | 47-5010 |
| 6820 | Earth drillers, except oil and gas                                      | 47-5021 |
| 6830 | Explosives workers, ordnance handling experts, and blasters             | 47-5031 |
| 6840 | Mining machine operators  | 47-5040 |
| 6920 | Roustabouts, oil and gas  | 47-5071 |
| 6940 | Other extraction workers, including roof bolters and helpers            | 47-50XX |

**Installation, Maintenance, and Repair Workers**

|      |   |         |
|------|---|---------|
| 7000 | First-line supervisors/managers of mechanics, installers, and repairers   | 49-1011 |
| 7010 | Computer, automated teller, and office machine repairers  | 49-2011 |
| 7020 | Radio and telecommunications equipment installers and repairers   | 49-2020 |
| 7030 | Avionics technicians  | 49-2091 |
| 7040 | Electric motor, power tool, and related repairers   | 49-2092 |
| 7100 | Electrical and electronics repairers, transportation equipment, industrial and utility  | 49-209X |
| 7110 | Electronic equipment installers and repairers, motor vehicles   | 49-2096 |
| 7120 | Electronic home entertainment equipment installers and repairers  | 49-2097 |
| 7130 | Security and fire alarm systems installers  | 49-2098 |
| 7140 | Aircraft mechanics and service technicians  | 49-3011 |
| 7150 | Automotive body and related repairers   | 49-3021 |
| 7160 | Automotive glass installers and repairers   | 49-3022 |
| 7200 | Automotive service technicians and mechanics  | 49-3023 |
| 7210 | Bus and truck mechanics and diesel engine specialists   | 49-3031 |
| 7220 | Heavy vehicle and mobile equipment service technicians and mechanics  | 49-3040 |
| 7240 | Small engine mechanics  | 49-3050 |
| 7260 | Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers   | 49-3090 |
| 7300 | Control and valve installers and repairers  | 49-9010 |
| 7315 | Heating, air conditioning, and refrigeration mechanics and installers   | 49-9021 |
| 7320 | Home appliance repairers  | 49-9031 |
| 7330 | Industrial and refractory machinery mechanics   | 49-904X |
| 7340 | Maintenance and repair workers, general   | 49-9071 |
| 7350 | Maintenance workers, machinery  | 49-9043 |
| 7360 | Millwrights   | 49-9044 |
| 7410 | Electrical power-line installers and repairers  | 49-9051 |
| 7420 | Telecommunications line installers and repairers  | 49-9052 |
| 7430 | Precision instrument and equipment repairers  | 49-9060 |
| 7510 | Coin, vending, and amusement machine servicers and repairers  | 49-9091 |
| 7540 | Locksmiths and safe repairers   | 49-9094 |
| 7550 | Manufactured building and mobile home installers  | 49-9095 |
| 7560 | Riggers   | 49-9096 |
| 7610 | Helpers--installation, maintenance, and repair workers  | 49-9098 |
| 7630 | Other installation, maintenance, and repair workers, including wind turbine service technicians, commercial divers, and signal and train switch repairers | 49-909X |

**Production Occupations**

|      |   |         |
|------|---|---------|
| 7700 | First-line supervisors/managers of production and operating workers         | 51-1011 |
| 7710 | Aircraft structure, surfaces, rigging, and systems assemblers               | 51-2011 |
| 7720 | Electrical, electronics, and electromechanical assemblers                   | 51-2020 |
| 7730 | Engine and other machine assemblers   | 51-2031 |
| 7740 | Structural metal fabricators and fitters                                    | 51-2041 |
| 7750 | Miscellaneous assemblers and fabricators                                    | 51-2090 |
| 7800 | Bakers  | 51-3011 |
| 7810 | Butchers and other meat, poultry, and fish processing workers               | 51-3020 |
| 7830 | Food and tobacco roasting, baking, and drying machine operators and tenders | 51-3091 |
| 7840 | Food batchmakers  | 51-3092 |

|      |  |         |
|------|--|---------|
| 7850 | Food cooking machine operators and tenders   | 51-3093 |
| 7855 | Food processing workers, all other   | 51-3099 |
| 7900 | Computer control programmers and operators   | 51-4010 |
| 7920 | Extruding and drawing machine setters, operators, and tenders, metal and plastic                                       | 51-4021 |
| 7940 | Rolling machine setters, operators, and tenders and forging machine setters, operators, and tenders, metal and plastic | 51-402X |
| 7950 | Cutting, punching, and press machine setters, operators, and tenders, metal and plastic                                | 51-4031 |
| 8000 | Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic              | 51-4033 |
| 8010 | Lathe and turning machine tool setters, operators, and tenders, metal and plastic                                      | 51-4034 |
| 8030 | Machinists   | 51-4041 |
| 8040 | Metal furnace and kiln operators and tenders   | 51-4050 |
| 8100 | Molders and molding machine setters, operators, and tenders, metal and plastic   | 51-4070 |
| 8130 | Tool and die makers  | 51-4111 |
| 8140 | Welding, soldering, and brazing workers  | 51-4120 |
| 8200 | Plating and coating machine setters, operators, and tenders, metal and plastic   | 51-4193 |
| 8210 | Tool grinders, filers, and sharpeners  | 51-4194 |
| 8220 | Metalworkers and plastic workers, all other  | 51-4XXX |
| 8250 | Prepress technicians and workers   | 51-5111 |
| 8255 | Printing press operators   | 51-5112 |
| 8256 | Print binding and finishing workers  | 51-5113 |
| 8300 | Laundry and dry-cleaning workers   | 51-6011 |
| 8310 | Pressers, textile, garment, and related materials  | 51-6021 |
| 8320 | Sewing machine operators   | 51-6031 |
| 8330 | Shoe and leather workers and repairers   | 51-6041 |
| 8350 | Tailors, dressmakers, and sewers   | 51-6050 |
| 8400 | Textile cutting machine setters, operators, and tenders  | 51-6062 |
| 8410 | Textile knitting and weaving machine setters, operators, and tenders   | 51-6063 |
| 8420 | Textile winding, twisting, and drawing out machine setters, operators and tenders                                      | 51-6064 |
| 8450 | Upholsterers   | 51-6093 |
| 8460 | Miscellaneous textile, apparel, and furnishings workers, except upholsterers   | 51-60XX |
| 8500 | Cabinetmakers and bench carpenters   | 51-7011 |
| 8510 | Furniture finishers  | 51-7021 |
| 8530 | Sawing machine setters, operators, and tenders, wood   | 51-7041 |
| 8540 | Woodworking machine setters, operators, and tenders, except sawing   | 51-7042 |
| 8550 | Miscellaneous woodworkers, including model makers and pattern makers   | 51-70XX |
| 8600 | Power plant operators, distributors, and dispatchers   | 51-8010 |
| 8610 | Stationary engineers and boiler operators  | 51-8021 |
| 8620 | Water and liquid waste treatment plant and system operators  | 51-8031 |
| 8630 | Miscellaneous plant and system operators   | 51-8090 |
| 8640 | Chemical processing machine setters, operators, and tenders  | 51-9010 |
| 8650 | Crushing, grinding, polishing, mixing, and blending workers  | 51-9020 |
| 8710 | Cutting workers  | 51-9030 |
| 8720 | Extruding, forming, pressing, and compacting machine setters, operators, and tenders                                   | 51-9041 |
| 8730 | Furnace, kiln, oven, drier, and kettle operators and tenders   | 51-9051 |
| 8740 | Inspectors, testers, sorters, samplers, and weighers   | 51-9061 |
| 8750 | Jewelers and precious stone and metal workers  | 51-9071 |
| 8760 | Medical, dental, and ophthalmic laboratory technicians   | 51-9080 |
| 8800 | Packaging and filling machine operators and tenders  | 51-9111 |
| 8810 | Painting workers   | 51-9120 |
| 8830 | Photographic process workers and processing machine operators  | 51-9130 |

**2010  
CENSUS  
CODE DESCRIPTION**

**2010  
SOC  
CODE**

|      |   |         |
|------|---|---------|
| 8850 | Cementing and gluing machine operators and tenders  | 51-9191 |
| 8860 | Cleaning, washing, and metal pickling equipment operators and tenders                               | 51-9192 |
| 8910 | Etchers and engravers   | 51-9194 |
| 8920 | Molders, shapers, and casters, except metal and plastic   | 51-9195 |
| 8930 | Paper goods machine setters, operators, and tenders   | 51-9196 |
| 8940 | Tire builders   | 51-9197 |
| 8950 | Helpers--production workers   | 51-9198 |
| 8965 | Production workers, including semiconductor processors and cooling and freezing equipment operators | 51-91XX |

**Transportation and Material Moving Occupations**

|      |   |         |
|------|---|---------|
| 9000 | Supervisors, transportation and material moving workers   | 53-1000 |
| 9030 | Aircraft pilots and flight engineers  | 53-2010 |
| 9040 | Air traffic controllers and airfield operations specialists                                     | 53-2020 |
| 9110 | Ambulance drivers and attendants, except emergency medical technicians                          | 53-3011 |
| 9120 | Bus drivers   | 53-3020 |
| 9130 | Driver/sales workers and truck drivers  | 53-3030 |
| 9140 | Taxi drivers and chauffeurs   | 53-3041 |
| 9150 | Motor vehicle operators, all other  | 53-3099 |
| 9200 | Locomotive engineers and operators  | 53-4010 |
| 9240 | Railroad brake, signal, switch operators, conductors and yardmasters                            | 53-40XX |
| 9260 | Subway, streetcar, and other rail transportation workers  | 53-30XX |
| 9300 | Sailors and marine oilers, and ship engineers   | 53-50XX |
| 9310 | Ship and boat captains and operators  | 53-5020 |
| 9350 | Parking lot attendants  | 53-6021 |
| 9360 | Service station attendants  | 53-6031 |
| 9410 | Transportation inspectors   | 53-6051 |
| 9415 | Transportation attendants, except flight attendants   | 53-6061 |
| 9420 | Other transportation workers, including bridge and lock tenders                                 | 53-60XX |
| 9510 | Crane and tower operators   | 53-7021 |
| 9520 | Dredge, excavating, and loading machine operators   | 53-7030 |
| 9560 | Hoist and winch operators, and conveyor operators and tenders                                   | 53-70XX |
| 9600 | Industrial truck and tractor operators  | 53-7051 |
| 9610 | Cleaners of vehicles and equipment  | 53-7061 |
| 9620 | Laborers and freight, stock, and material movers, hand  | 53-7062 |
| 9630 | Machine feeders and offbearers  | 53-7063 |
| 9640 | Packers and packagers, hand   | 53-7064 |
| 9650 | Pumping station operators   | 53-7070 |
| 9720 | Refuse and recyclable material collectors   | 53-7081 |
| 9750 | Material moving workers, including mine shuttle operators and tank car, truck, and ship loaders | 53-71XX |

**Armed Forces**

\*9840 Armed Forces

## Detailed Occupation Recodes (01-23)

These codes correspond to Items PRDTOCC1 and PRDTOCC2 in positions 476-479 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTOCC and are located in positions 161-162.

| CODE | CODE DESCRIPTION   | OCCUPATION CODE |
|------|--|-----------------|
| 1    | Management occupations                                     | 0010-0430       |
| 2    | Business and financial operations occupations              | 0500-0950       |
| 3    | Computer and mathematical science occupations              | 1000-1240       |
| 4    | Architecture and engineering occupations                   | 1300-1560       |
| 5    | Life, physical, and social science occupations             | 1600-1965       |
| 6    | Community and social service occupation                    | 2000-2060       |
| 7    | Legal occupations  | 2100-2160       |
| 8    | Education, training, and library occupations               | 2200-2550       |
| 9    | Arts, design, entertainment, sports, and media occupations | 2600-2960       |
| 10   | Healthcare practitioner and technical occupations          | 3000-3540       |
| 11   | Healthcare support occupations                             | 3600-3655       |
| 12   | Protective service occupations                             | 3700-3955       |
| 13   | Food preparation and serving related occupations           | 4000-4160       |
| 14   | Building and grounds cleaning and maintenance occupations  | 4200-4250       |
| 15   | Personal care and service occupations                      | 4300-4650       |
| 16   | Sales and related occupations                              | 4700-4965       |
| 17   | Office and administrative support occupations              | 5000-5940       |
| 18   | Farming, fishing, and forestry occupations                 | 6000-6130       |
| 19   | Construction and extraction occupations                    | 6200-6940       |
| 20   | Installation, maintenance, and repair occupations          | 7000-7630       |
| 21   | Production occupations                                     | 7700-8965       |
| 22   | Transportation and material moving occupations             | 9000-9750       |
| 23   | Armed Forces   | 9840            |

Major Occupation Group Recodes  
(01-11)

These codes correspond to Items PRMJ OCC1 and PRMJ OCC2 located in positions 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJ OCC and are located in positions 159-160.

| CODE | CODE DESCRIPTION                                  | OCCUPATION CODE |
|------|---|-----------------|
| 1    | Management, business, and financial occupations   | 0010-0950       |
| 2    | Professional and related occupations              | 1000-3540       |
| 3    | Service occupations                               | 3600-4650       |
| 4    | Sales and related occupations                     | 4700-4965       |
| 5    | Office and administrative support occupations     | 5000-5940       |
| 6    | Farming, fishing, and forestry occupations        | 6000-6130       |
| 7    | Construction and extraction occupations           | 6200-6940       |
| 8    | Installation, maintenance, and repair occupations | 7000-7630       |
| 9    | Production occupations                            | 7700-8965       |
| 10   | Transportation and material moving occupations    | 9000-9750       |
| 11   | Armed Forces                                      | 9840            |

## **ATTACHMENT 11**

### **Specific Metropolitan Identifiers**

#### **(Geographic Attachment for CPS Public Use File Documentation Beginning August, 2015)**

- List 1. FIPS Metropolitan Area (CBSA) Codes
- List 2. FIPS Consolidated Statistical Area (CSA) Codes
- List 3. Individual Principal Cities
- List 4: FIPS County Codes

Unless otherwise noted, all definitions for geographic areas on these lists reflect the February 28, 2013 OMB definitions.



### **LIST 1: FIPS Metropolitan Area (CBSA) Codes**

Metropolitan Areas are defined using February 28, 2013 OMB definitions.

| <u>FIPS Code</u> | <u>Metropolitan (CBSA) TITLE</u>      |
|------------------|---------------------------------------|
| 10180            | Abilene, TX                           |
| 10420            | Akron, OH                             |
| 10580            | Albany-Schenectady-Troy, NY           |
| 10740            | Albuquerque, NM                       |
| 10900            | Allentown-Bethlehem-Easton, PA-NJ     |
| 11100            | Amarillo, TX                          |
| 11460            | Ann Arbor, MI                         |
| 11540            | Appleton, WI                          |
| 11700            | Asheville, NC                         |
| 12020            | Athens-Clarke County, GA              |
| 12060            | Atlanta-Sandy Springs-Roswell, GA     |
| 12100            | Atlantic City-Hammonton, NJ           |
| 12220            | Auburn-Opelika, AL                    |
| 12260            | Augusta-Richmond County, GA-SC        |
| 12420            | Austin-Round Rock, TX                 |
| 12540            | Bakersfield, CA                       |
| 12580            | Baltimore-Columbia-Towson, MD         |
| 12620            | Bangor, ME                            |
| 12700            | Barnstable, MA                        |
| 12940            | Baton Rouge, LA                       |
| 12980            | Battle Creek, MI                      |
| 13140            | Beaumont-Port Arthur, TX              |
| 13460            | Bend-Redmond, OR                      |
| 13740            | Billings, MT                          |
| 13780            | Binghamton, NY                        |
| 13820            | Birmingham-Hoover, AL                 |
| 13980            | Blacksburg—Christiansburg-Radford, VA |
| 14010            | Bloomington, IL                       |
| 14020            | Bloomington, IN                       |
| 14260            | Boise City, ID                        |
| 14460            | Boston-Cambridge-Newton, MA-NH        |
| 14500            | Boulder, CO                           |
| 14540            | Bowling Green, KY                     |
| 14860            | Bridgeport-Stamford-Norwalk, CT       |

| FIPS Code | Metropolitan (CBSA) TITLE              |
|-----------|--|
| 15180     | Brownsville-Harlingen, TX              |
| 15380     | Buffalo-Cheektowaga-Niagara Falls, NY  |
| 15500     | Burlington, NC                         |
| 15540     | Burlington-South Burlington, VT        |
| 15680     | California-Lexington Park, MD          |
| 15940     | Canton-Massillon, OH                   |
| 15980     | Cape Coral-Fort Myers, FL              |
| 16060     | Carbondale-Marion, IL                  |
| 16300     | Cedar Rapids, IA                       |
| 16540     | Chambersburg-Waynesboro, PA            |
| 16580     | Champaign-Urbana, IL                   |
| 16620     | Charleston, WV                         |
| 16700     | Charleston-North Charleston, SC        |
| 16740     | Charlotte-Concord-Gastonia, NC-SC      |
| 16820     | Charlottesville, VA                    |
| 16860     | Chattanooga, TN-GA                     |
| 16980     | Chicago-Naperville-Elgin, IL-IN-WI     |
| 17020     | Chico, CA                              |
| 17140     | Cincinnati, OH-KY-IN                   |
| 17300     | Clarksville, TN-KY                     |
| 17420     | Cleveland, TN                          |
| 17460     | Cleveland-Elyria, OH                   |
| 17660     | Coeur d'Alene, ID                      |
| 17780     | College Station-Bryan, TX              |
| 17820     | Colorado Springs, CO                   |
| 17900     | Columbia, SC                           |
| 17980     | Columbus, GA-AL                        |
| 18140     | Columbus, OH                           |
| 18580     | Corpus Christi, TX                     |
| 19100     | Dallas-Fort Worth-Arlington, TX        |
| 19300     | Daphne-Fairhope-Foley, AL              |
| 19340     | Davenport-Moline-Rock Island, IA-IL    |
| 19380     | Dayton, OH                             |
| 19660     | Deltona-Daytona Beach-Ormond Beach, FL |
| 19740     | Denver-Aurora-Lakewood, CO             |
| 19780     | Des Moines-West Des Moines, IA         |
| 19820     | Detroit-Warren-Dearborn, MI            |
| 20100     | Dover, DE                              |
| 20500     | Durham-Chapel Hill, NC                 |
| 20700     | East Stroudsburg, PA                   |

| FIPS Code | Metropolitan (CBSA) TITLE                |
|-----------|--|
| 21140     | Elkhart-Goshen, IN                       |
| 21340     | El Paso, TX                              |
| 21500     | Erie, PA                                 |
| 21660     | Eugene, OR                               |
| 21780     | Evansville, IN-KY                        |
| 22020     | Fargo, ND-MN                             |
| 22140     | Farmington, NM                           |
| 22180     | Fayetteville, NC                         |
| 22220     | Fayetteville-Springdale-Rogers, AR-MO    |
| 22420     | Flint, MI                                |
| 22500     | Florence, SC                             |
| 22520     | Florence-Muscle Shoals, AL               |
| 22660     | Fort Collins, CO                         |
| 22900     | Fort Smith, AR-OK                        |
| 23060     | Fort Wayne, IN                           |
| 23420     | Fresno, CA                               |
| 23540     | Gainesville, FL                          |
| 23580     | Gainesville, GA                          |
| 24020     | Glen Falls, NY                           |
| 24140     | Goldsboro, NC                            |
| 24340     | Grand Rapids-Wyoming, MI                 |
| 24540     | Greeley, CO                              |
| 24580     | Green Bay, WI                            |
| 24660     | Greensboro-High Point, NC                |
| 24780     | Greenville, NC                           |
| 24860     | Greenville-Anderson-Mauldin, SC          |
| 25180     | Hagerstown-Martinsburg, MD-WV            |
| 25260     | Hanford-Corcoran, CA                     |
| 25420     | Harrisburg-Carlisle, PA                  |
| 25540     | Hartford-West Hartford-East Hartford, CT |
| 25860     | Hickory-Morganton-Lenoir, NC             |
| 25940     | Hilton Head Island-Bluffton-Beaufort, SC |
| 26420     | Houston-Baytown-Sugar Land, TX           |
| 26580     | Huntington-Ashland, WV-KY-OH             |
| 26620     | Huntsville, AL                           |
| 26820     | Idaho Falls, ID                          |
| 26900     | Indianapolis, IN                         |
| 26980     | Iowa City, IA                            |
| 27100     | Jackson, MI                              |
| 27140     | Jackson, MS                              |

| FIPS Code | Metropolitan (CBSA) TITLE                 |
|-----------|---|
| 27260     | Jacksonville, FL                          |
| 27340     | Jacksonville, NC                          |
| 27500     | Janesville-Beloit, WI                     |
| 27740     | Johnson City, TN                          |
| 27780     | Johnstown, PA                             |
| 27980     | Kahului-Wailuku-Lahaina, HI               |
| 28020     | Kalamazoo-Portage, MI                     |
| 28140     | Kansas City, MO-KS                        |
| 28420     | Kennewick-Richland, WA                    |
| 28660     | Killeen-Temple-Fort Hood, TX              |
| 28700     | Kingsport-Bristol, TN-VA                  |
| 28940     | Knoxville, TN                             |
| 29180     | Lafayette, LA                             |
| 29200     | Lafayette-West Lafayette, IN              |
| 29340     | Lake Charles, LA                          |
| 29460     | Lakeland-Winter Haven, FL                 |
| 29540     | Lancaster, PA                             |
| 29620     | Lansing-East Lansing, MI                  |
| 29700     | Laredo, TX                                |
| 29740     | Las Cruces, NM                            |
| 29820     | Las Vegas-Paradise, NV                    |
| 30340     | Lewiston-Auburn, ME                       |
| 30460     | Lexington-Fayette, KY                     |
| 30780     | Little Rock-North Little Rock, AR         |
| 30980     | Longview, TX                              |
| 31080     | Los Angeles-Long Beach-Anaheim, CA        |
| 31140     | Louisville, KY-IN                         |
| 31180     | Lubbock, TX                               |
| 31420     | Macon, GA                                 |
| 31540     | Madison, WI                               |
| 31700     | Manchester-Nashua, NH                     |
| 32580     | McAllen-Edinburg-Mission, TX              |
| 32780     | Medford, OR                               |
| 32820     | Memphis, TN-MS-AR                         |
| 33100     | Miami-Fort Lauderdale-West Palm Beach, FL |
| 33340     | Milwaukee-Waukesha-West Allis, WI         |
| 33460     | Minneapolis-St Paul-Bloomington, MN-WI    |
| 33660     | Mobile, AL                                |
| 33700     | Modesto, CA                               |
| 33740     | Monroe, LA                                |

| FIPS Code | Metropolitan (CBSA) TITLE  |
|-----------|--|
| 33780     | Monroe, MI   |
| 33860     | Montgomery, AL   |
| 34060     | Morgantown, WV   |
| 34580     | Mount Vernon-Anacortes, WA   |
| 34740     | Muskegon-Norton Shores, MI   |
| 34820     | Myrtle Beach-Conway-North Myrtle Beach, SC-NC  |
| 34940     | Naples-Immokalee-Marco Island, FL  |
| 34980     | Nashville-Davidson-Murfreesboro, TN  |
| 35300     | New Haven-Milford, CT  |
| 35380     | New Orleans-Metairie, LA   |
| 35620     | New York-Newark- Jersey City, NY-NJ-PA (White Plains central city<br>recoded to balance of metropolitan) |
| 35660     | Niles-Benton Harbor, MI  |
| 35840     | North Port-Sarasota-Bradenton, FL  |
| 35980     | Norwich-New London, CT   |
| 36100     | Ocala, FL  |
| 36220     | Odessa, TX   |
| 36260     | Ogden-Clearfield, UT   |
| 36420     | Oklahoma City, OK  |
| 36540     | Omaha-Council Bluffs, NE-IA  |
| 36740     | Orlando, FL  |
| 36780     | Oshkosh-Neenah, WI   |
| 37100     | Oxnard-Thousand Oaks-Ventura, CA   |
| 37340     | Palm Bay-Melbourne-Titusville, FL  |
| 37460     | Panama City, FL  |
| 37860     | Pensacola-Ferry Pass-Brent, FL   |
| 37900     | Peoria, IL   |
| 37980     | Philadelphia-Camden-Wilmington, PA-NJ-DE   |
| 38060     | Phoenix-Mesa-Scottsdale, AZ  |
| 38220     | Pine Bluff, AR   |
| 38300     | Pittsburgh, PA   |
| 38860     | Portland-South Portland, ME  |
| 38900     | Portland-Vancouver-Hillsboro, OR-WA  |
| 38940     | Port St. Lucie-Fort Pierce, FL   |
| 39140     | Prescott, AZ   |
| 39300     | Providence-Warwick, RI-MA  |
| 39340     | Provo-Orem, UT   |
| 39540     | Racine, WI   |
| 39580     | Raleigh, NC  |
| 39740     | Reading, PA  |

| FIPS Code | Metropolitan (CBSA) TITLE               |
|-----------|---|
| 39820     | Redding, CA                             |
| 40060     | Richmond, VA                            |
| 40140     | Riverside-San Bernardino-Ontario, CA    |
| 40220     | Roanoke, VA                             |
| 40380     | Rochester, NY                           |
| 40420     | Rockford, IL                            |
| 40900     | Sacramento--Arden-Arcade--Roseville, CA |
| 40980     | Saginaw, MI                             |
| 41100     | St. George, UT                          |
| 41180     | St. Louis, MO-IL                        |
| 41420     | Salem, OR                               |
| 41500     | Salinas, CA                             |
| 41540     | Salisbury, MD                           |
| 41620     | Salt Lake City, UT                      |
| 41700     | San Antonio, TX                         |
| 41740     | San Diego-Carlsbad-San Marcos, CA       |
| 41860     | San Francisco-Oakland-Fremont, CA       |
| 41940     | San Jose-Sunnyvale-Santa Clara, CA      |
| 42020     | San Luis Obispo-Paso Robles, CA         |
| 42100     | Santa Cruz-Watsonville, CA              |
| 42140     | Santa Fe, NM                            |
| 42200     | Santa Maria-Santa Barbara, CA           |
| 42220     | Santa Rosa-Petaluma, CA                 |
| 42340     | Savannah, GA                            |
| 42540     | Scranton--Wilkes-Barre, PA              |
| 42660     | Seattle-Tacoma-Bellevue, WA             |
| 43300     | Sherman-Dennison, TX                    |
| 43340     | Shreveport-Bossier City, LA             |
| 43620     | Sioux Falls, SD                         |
| 43780     | South Bend-Mishawaka, IN-MI             |
| 43900     | Spartanburg, SC                         |
| 44060     | Spokane-Spokane Valley, WA              |
| 44100     | Springfield, IL                         |
| 44140     | Springfield, MA                         |
| 44180     | Springfield, MO                         |
| 44700     | Stockton-Lodi, CA                       |
| 45060     | Syracuse, NY                            |
| 45220     | Tallahassee, FL                         |
| 45300     | Tampa-St. Petersburg-Clearwater, FL     |
| 45460     | Terre Haute, IN                         |

| FIPS Code | Metropolitan (CBSA) TITLE                    |
|-----------|--|
| 45780     | Toledo, OH                                   |
| 45820     | Topeka, KS                                   |
| 45940     | Trenton, NJ                                  |
| 46060     | Tucson, AZ                                   |
| 46140     | Tulsa, OK                                    |
| 46340     | Tyler, TX                                    |
| 46520     | Urban Honolulu, HI                           |
| 46540     | Utica-Rome, NY                               |
| 46700     | Vallejo-Fairfield, CA                        |
| 47220     | Vineland-Bridgeton, NJ                       |
| 47260     | Virginia Beach-Norfolk-Newport News, VA-NC   |
| 47300     | Visalia-Porterville, CA                      |
| 47380     | Waco, TX                                     |
| 47580     | Warner Robins, GA                            |
| 47900     | Washington-Arlington-Alexandria, DC-VA-MD-WV |
| 47940     | Waterloo-Cedar Falls, IA                     |
| 48060     | Watertown-Fort Drum, NY                      |
| 48140     | Wausau, WI                                   |
| 48620     | Wichita, KS                                  |
| 48660     | Wichita Falls, TX                            |
| 48700     | Williamsport, PA                             |
| 49020     | Winchester, VA-WV                            |
| 49180     | Winston-Salem, NC                            |
| 49340     | Worcester, MA-CT                             |
| 49620     | York-Hanover, PA                             |
| 49660     | Youngstown-Warren-Boardman, OH-PA            |
| 49740     | Yuma, AZ                                     |

## LIST 2: FIPS Consolidated Statistical Area (CSA) Codes

The following CSA's (Combined Statistical Areas) contain 2 or more Metropolitan Statistical Areas that are in the CPS sample and are individually identified on the public use files. Micropolitan Statistical Areas are not specifically identified in the CPS and are not used to identify CSA's nor are parts of such areas coded as belonging to CSA's. The component CBSA's identified on the CPS Public Use Files are listed for each CSA.

| CSA Code | CBSA Code                                 | CSA Title<br>Component Parts (CBSA's)  |
|----------|---|--|
| 104      | 10580<br>24020                            | Albany-Schenectady, NY<br>Albany-Schenectady-Troy, NY<br>Glen Falls, NY  |
| 106      | 10740<br>42140                            | Albuquerque-Santa Fe-Las Vegas, NM<br>Albuquerque, NM<br>Santa Fe, NM  |
| 118      | 11540<br>36780                            | Appleton-Oshkosh-Neenah, WI<br>Appleton, WI<br>Oshkosh-Neenah, WI  |
| 122      | 12020<br>12060<br>23580                   | Atlanta--Athens-Clarke County—Sandy Springs, GA<br>Athens-Clarke County, GA<br>Atlanta-Sandy Springs-Roswell, GA<br>Gainesville, GA  |
| 148      | 12700<br>14460<br>31700<br>39300<br>49340 | Boston-Worcester-Providence, MA-RI-NH-CT<br>Barnstable Town, MA<br>Boston-Cambridge-Newton-MA-NH<br>Manchester-Nashua, NH<br>Providence-Warwick, RI-MA<br>Worcester, MA-CT |
| 162      | 15980<br>34940                            | Cape Coral-Fort Myers-Naples, FL<br>Cape Coral, FL<br>Naples-Immokalee-Marco Island, FL  |



| CSA<br>Code | CBSA<br>Code                     | CSA Title<br>Component Parts (CBSA's)   |
|-------------|----------------------------------|---|
| 168         | 16300<br>26980                   | Cedar Rapids-Iowa City, IA<br>Cedar Rapids, IA<br>Iowa City, IA   |
| 170         | 16620<br>26580                   | Charleston-Huntington-Ashland, WV-OH-KY<br>Charleston, WV<br>Huntington-Ashland, WV-KY-OH               |
| 174         | 16860<br>17420                   | Chattanooga-Cleveland-Dalton, TN-GA<br>Chattanooga, TN-GA<br>Cleveland, TN                              |
| 184         | 10420<br>15940<br>17460          | Cleveland-Akron-Canton, OH (part)<br>Akron, OH<br>Canton-Massillon, OH<br>Cleveland-Elyria-Mentor, OH   |
| 194         | 12220<br>17980                   | Columbus-Auburn-Opelika, GA-AL<br>Auburn-Opelika, AL<br>Columbus, GA                                    |
| 206         | 19100<br>43300                   | Dallas-Fort Worth, TX-OK<br>Dallas-Fort Worth-Arlington, TX<br>Sherman-Dennison, TX                     |
| 216         | 14500<br>19740<br>24540          | Denver-Aurora, CO<br>Boulder, CO<br>Denver-Aurora-Lakewood, CO<br>Greeley, CO                           |
| 220         | 11460<br>19820<br>22420<br>33780 | Detroit-Warren-Ann Arbor, MI<br>Ann Arbor, MI<br>Detroit-Warren-Dearborn, MI<br>Flint, MI<br>Monroe, MI |

| CSA<br>Code | CBSA<br>Code            | CSA Title<br>Component Parts (CBSA's)   |
|-------------|-------------------------|---|
| 238         | 21340<br>29740          | El Paso-Las Cruces, TX-NM<br>El Paso, TX<br>Las Cruces, NM  |
| 266         | 24340<br>26100<br>34740 | Grand Rapids-Wyoming-Muskegon, MI<br>Grand Rapids-Wyoming, MI<br>Holland-Grand Haven, MI*<br>Muskegon-Norton Shores, MI |
| 268         | 15500<br>24660<br>49180 | Greensboro--Winston-Salem--High Point, NC<br>Burlington, NC<br>Greensboro-High Point, NC<br>Winston-Salem, NC           |
| 273         | 24860<br>43900          | Greenville-Spartanburg-Anderson, SC<br>Greenville-Anderson-Mauldin, SC<br>Spartanburg, SC                               |
| 276         | 25420<br>49620          | Harrisburg-York-Lebanon, PA<br>Harrisburg-Carlisle, PA<br>York-Hanover, PA  |
| 278         | 25540<br>35980          | Hartford-West Hartford, CT<br>Hartford-West Hartford-East Hartford, CT<br>Norwich-New London, CT                        |
| 304         | 27740<br>28700          | Johnson City-Kingsport-Bristol, TN-VA (part)<br>Johnson City, TN<br>Kingsport-Bristol, TN-VA                            |
| 310         | 12980<br>28020          | Kalamazoo-Battle Creek-Portage, MI<br>Battle Creek, MI<br>Kalamazoo-Portage, MI   |
| 340         | 30780<br>38220          | Little Rock-North Little Rock, AR<br>Little Rock-North Little Rock-Conway, AR<br>Pine Bluff, AR                         |

| CSA<br>Code | CBSA<br>Code                                       | CSA Title<br>Component Parts (CBSA's)  |
|-------------|--|--|
| 348         | 31100<br>37100<br>40140                            | Los Angeles-Long Beach-Riverside, CA<br>Los Angeles-Long Beach-Santa Ana, CA<br>Oxnard-Thousand Oaks-Ventura, CA<br>Riverside-San Bernardino-Ontario, CA   |
| 356         | 31420<br>47580                                     | Macon-Warner Robins-Fort Valley, GA<br>Macon, GA<br>Warner Robins, GA  |
| 357         | 27500<br>31540                                     | Madison-Janesville-Beloit, WI<br>Janesville-Beloit, WI<br>Madison, WI  |
| 370         | 33100<br>38940                                     | Miami-Fort Lauderdale-Port St. Lucie, FL<br>Miami-Fort Lauderdale-West Palm Beach, FL<br>Port St. Lucie-Fort Pierce, FL  |
| 376         | 33340<br>39540                                     | Milwaukee-Racine-Waukesha, WI<br>Milwaukee-Waukesha-West Allis, WI<br>Racine, WI   |
| 380         | 19300<br>33660                                     | Mobile-Daphne-Fairhope, AL<br>Daphne-Fairhope, AL<br>Mobile, AL  |
| 408         | 10900<br>14860<br>20700<br>35300<br>35620<br>45940 | New York-Newark-Bridgeport, NY-NJ-CT-PA<br>Allentown-Bethlehem-Easton, PA-NJ<br>Bridgeport-Stamford-Norwalk, CT<br>East Stroudsburg, PA<br>New Haven-Milford, CT<br>New York-Newark-Jersey City, NY-NJ-PA<br>Trenton, NJ |
| 422         | 19660<br>36740                                     | Orlando-Deltona-Daytona Beach, FL<br>Deltona-Daytona Beach-Ormond Beach, FL<br>Orlando-Kissimmee-Sanford, FL   |

| CSA<br>Code | CBSA<br>Code | CSA Title<br>Component Parts (CBSA's)       |
|-------------|--------------|---|
| 428         |              | Philadelphia-Reading-Camden, PA-NJ-DE-MD    |
|             | 12100        | Atlantic City-Hammonton, NJ                 |
|             | 20100        | Dover, DE                                   |
|             | 37980        | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD |
|             | 39740        | Reading, PA                                 |
|             | 47220        | Vineland-Bridgeton, NJ                      |
| 438         |              | Portland-Lewiston-South Portland, ME        |
|             | 30340        | Lewiston-Auburn, ME                         |
|             | 38860        | Portland-South Portland, ME                 |
| 440         |              | Portland-Vancouver-Salem, OR-WA             |
|             | 38900        | Portland-Vancouver-Hillsboro, OR-WA         |
|             | 41420        | Salem, OR                                   |
| 450         |              | Raleigh-Durham-Cary, NC                     |
|             | 20500        | Durham-Chapel Hill, NC                      |
|             | 39580        | Raleigh, NC                                 |
| 482         |              | Salt Lake City-Provo-Orem, UT               |
|             | 36260        | Ogden-Clearfield, UT                        |
|             | 39340        | Provo-Orem, UT                              |
|             | 41620        | Salt Lake City, UT                          |
| 488         |              | San Jose-San Francisco-Oakland, CA          |
|             | 41860        | San Francisco-Oakland-Hayward, CA           |
|             | 41940        | San Jose-Sunnyvale-Santa Clara, CA          |
|             | 42100        | Santa Cruz-Watsonville, CA                  |
|             | 42220        | Santa Rosa, CA                              |
|             | 44700        | Stockton-Lodi, CA                           |
|             | 46700        | Vallejo-Fairfield, CA                       |
| 500         |              | Seattle-Tacoma-Olympia, WA                  |
|             | 34580        | Mount Vernon-Anacortes, WA                  |
|             | 42660        | Seattle-Tacoma-Bellevue, WA                 |

| CSA<br>Code | CBSA<br>Code | CSA Title<br>Component Parts (CBSA's)          |
|-------------|--------------|--|
| 515         |              | South Bend-Elkhart-Mishawaka, IN-MI            |
|             | 21140        | Elkhart-Goshen, IN                             |
|             | 35660        | Niles-Benton Harbor, MI                        |
|             | 43780        | South Bend-Mishawaka, IN-MI                    |
| 518         |              | Spokane-Spokane Valley-Coeur d'Alene, WA-ID    |
|             | 17660        | Coeur d'Alene, ID                              |
|             | 44060        | Spokane-Spokane Valley, WA                     |
| 546         |              | Visalia-Porterville-Hanford, CA                |
|             | 25260        | Hanford-Corcoran, CA                           |
|             | 47300        | Visalia-Porterville, CA                        |
| 548         |              | Washington-Baltimore-Arlington, DC-MD-VA-WV-PA |
|             | 12580        | Baltimore-Columbia-Towson, MD                  |
|             | 15680        | California-Lexington Park, MD                  |
|             | 16540        | Chambersburg-Waynesboro, PA                    |
|             | 25180        | Hagerstown-Martinsburg, MD-WV                  |
|             | 47900        | Washington-Arlington-Alexandria, DC-VA-MD-WV   |
|             | 49020        | Winchester, VA-WV                              |

### List 3: Individual Principal Cities

Please Note: You must use the CBSA code in combination with the city code to uniquely identify principal cities. If a county name is provided, you must incorporate the county code into any algorithm used to tabulate a specific city's characteristics. The same applies to state codes for multi-state CBSA's.

| CBSA<br>Code | Title<br>City                            | GTINDVPC |
|--------------|--|----------|
| 38060        | Phoenix-Mesa-Scottsdale, AZ              |          |
|              | Phoenix                                  | 1        |
|              | Mesa                                     | 2        |
|              | Scottsdale                               | 3        |
|              | Tempe                                    | 4        |
|              | Glendale                                 | 5        |
| 30780        | Little Rock-North Little Rock-Conway, AR |          |
|              | Little Rock                              | 1        |
| 31080        | Los Angeles-Long Beach-Anaheim, CA       |          |
|              | Los Angeles County                       |          |
|              | Los Angeles                              | 1        |
|              | Long Beach                               | 2        |
|              | Glendale                                 | 3        |
|              | Pomona                                   | 4        |
|              | Torrance                                 | 5        |
|              | Pasadena                                 | 6        |
|              | Burbank                                  | 7        |
|              | Orange County                            |          |
|              | Santa Ana                                | 1        |
|              | Anaheim                                  | 2        |
|              | Irvine                                   | 3        |
|              | Orange                                   | 4        |
|              | Fullerton                                | 5        |
|              | Costa Mesa                               | 6        |

| CBSA<br>Code | Title<br>City                         | GTINDVPC |
|--------------|---------------------------------------|----------|
| 37100        | Oxnard-Thousand Oaks-Ventura, CA      |          |
|              | Oxnard                                | 1        |
|              | Thousand Oaks                         | 2        |
| 40140        | Riverside-San Bernardino-Ontario, CA  |          |
|              | Riverside                             | 1        |
|              | San Bernardino                        | 2        |
|              | Ontario                               | 3        |
|              | Temecula                              | 4        |
|              | Victorville                           | 5        |
| 40900        | Sacramento–Roseville-Arden-Arcade, CA |          |
|              | Sacramento                            | 1        |
|              | Roseville                             | 2        |
| 41740        | San Diego-Carlsbad, CA                |          |
|              | San Diego                             | 1        |
|              | Carlsbad                              | 2        |
| 41860        | San Francisco-Oakland-Hayward, CA     |          |
|              | San Francisco                         | 1        |
|              | Alameda County                        |          |
|              | Oakland                               | 1        |
|              | Fremont                               | 2        |
|              | Hayward                               | 3        |
|              | Berkeley                              | 4        |
| 41940        | San Jose-Sunnyvale-Santa Clara, CA    |          |
|              | San Jose                              | 1        |
|              | Sunnyvale                             | 2        |
|              | Santa Clara                           | 3        |
| 46700        | Vallejo-Fairfield, CA                 |          |
|              | Vallejo                               | 1        |
|              | Fairfield                             | 2        |

| CBSA<br>Code | Title<br>City                             | GTINDVPC |
|--------------|---|----------|
| 19740        | Denver-Aurora-Lakewood, CO                |          |
|              | Denver                                    | 1        |
|              | Lakewood                                  | 2        |
| 14860        | Bridgeport-Stamford-Norwalk, CT           |          |
|              | Bridgeport                                | 1        |
|              | Stamford                                  | 2        |
| 25540        | Hartford-West Hartford-East Hartford, CT  |          |
|              | Hartford                                  | 1        |
| 33100        | Miami-Fort Lauderdale-West Palm Beach, FL |          |
|              | Broward County                            |          |
|              | Fort Lauderdale                           | 1        |
|              | Miami-Dade County                         |          |
|              | Miami                                     | 1        |
|              | 1   |          |
| 36740        | Orlando-Kissimmee-Sanford, FL             |          |
|              | Orlando                                   | 1        |
| 37340        | Palm Bay-Melbourne-Titusville, FL         |          |
|              | Palm Bay                                  | 1        |
| 45300        | Tampa-St. Petersburg-Clearwater, FL       |          |
|              | St. Petersburg                            | 1        |
|              | Tampa                                     | 2        |
| 12060        | Atlanta-Sandy Springs-Roswell, GA         |          |
|              | Atlanta                                   | 1        |
| 16980        | Chicago-Naperville-Elgin, IL-IN-WI        |          |
|              | Chicago                                   | 1        |
|              | Naperville                                | 2        |
|              | Joliet                                    | 3        |
|              | Elgin                                     | 4        |



| CBSA<br>Code | Title<br>City   | GTINDVPC                |
|--------------|---|-------------------------|
| 26900        | Indianapolis-Carmel-Anderson. IN<br>Indianapolis  | 1                       |
| 28140        | Kansas City, MO-KS<br>Kansas portion<br>Kansas City<br>Overland Park<br>Missouri portion<br>Kansas City | <br><br>1<br>2<br><br>1 |
| 35380        | New Orleans-Metairie, LA<br>New Orleans<br>Metairie   | <br>1<br>2              |
| 12580        | Baltimore-Columbia-Towson. MD<br>Baltimore  | <br>1                   |
| 14460        | Boston-Cambridge-Newton, MA-NH<br>Massachusetts portion<br>Boston<br>Cambridge                          | <br><br>1<br>2          |
| 19820        | Detroit-Warren-Dearborn, MI<br>Wayne County<br>Detroit<br>Macomb County<br>Warren                       | <br><br>1<br><br>1      |
| 33460        | Minneapolis-St. Paul-Bloomington, MN-WI<br>Minneapolis<br>St. Paul                                      | <br>1<br>2              |
| 29820        | Las Vegas-Henderson--Paradise, NV<br>Las Vegas<br>Paradise<br>Henderson                                 | <br>1<br>2<br>3         |

| CBSA<br>Code | Title<br>City                                | GTINDVPC |
|--------------|--|----------|
| 35620        | New York-Newark- Jersey City, NY-NJ-PA       |          |
|              | New Jersey portion                           |          |
|              | Newark                                       | 1        |
|              | Jersey City                                  | 2        |
|              | New York portion                             |          |
|              | New York                                     | 1        |
| 15380        | Buffalo-Cheektowaga-Niagara Falls, NY        |          |
|              | Buffalo                                      | 1        |
| 16740        | Charlotte -Concord-Gastonia, NC-SC           |          |
|              | Charlotte                                    | 1        |
| 38900        | Portland-Vancouver-Hillsboro, OR-WA          |          |
|              | Portland                                     | 1        |
| 34980        | Nashville-Davidson—Murfreesboro—Franklin, TN |          |
|              | Nashville-Davidson                           | 1        |
| 19100        | Dallas-Fort Worth-Arlington, TX              |          |
|              | Dallas                                       | 1        |
|              | Fort Worth                                   | 2        |
|              | Carrollton                                   | 3        |
|              | Plano  | 4        |
|              | Irving                                       | 5        |
|              | Arlington                                    | 6        |
| 26420        | Houston-The Woodlands-Sugar Land, TX         |          |
|              | Houston                                      | 1        |
| 32580        | McAllen-Edinburg-Mission, TX                 |          |
|              | McAllen                                      | 1        |
| 47260        | Virginia Beach-Norfolk-Newport News, VA-NC   |          |
|              | Virginia portion                             |          |
|              | Virginia Beach                               | 1        |
|              | Norfolk                                      | 2        |
|              | Newport News                                 | 3        |

| CBSA<br>Code | Title<br>City  | GTINDVPC         |
|--------------|--|------------------|
| 47900        | Washington-Arlington-Alexandria, DC-VA-MD-WV<br>Virginia portion only<br>Arlington | 2                |
| 42660        | Seattle-Tacoma-Bellevue, WA<br>Seattle<br>Tacoma<br>Bellevue<br>Everett            | 1<br>2<br>3<br>4 |
| 33340        | Milwaukee-Waukesha-West Allis, WI<br>Milwaukee                                     | 1                |

## List 4: FIPS County Codes

Please note that these county codes must be used in conjunction with state codes to create unique county identifiers as county codes start with 001 in each state. Counties are only included on this list if the entire county is identified.

| FIPS<br>County<br>Code | County<br>Name  | State |
|------------------------|-----------------|-------|
| <b>Alabama</b>         |                 |       |
| 003                    | Baldwin         |       |
| 081                    | Lee             |       |
| 097                    | Mobile          |       |
| <b>Arizona</b>         |                 |       |
| 013                    | Maricopa        |       |
| 019                    | Pima            |       |
| 021                    | Pinal           |       |
| 025                    | Yavapai         |       |
| 027                    | Yuma            |       |
| <b>California</b>      |                 |       |
| 001                    | Alameda         |       |
| 007                    | Butte           |       |
| 019                    | Fresno          |       |
| 029                    | Kern            |       |
| 031                    | Kings           |       |
| 037                    | Los Angeles     |       |
| 053                    | Monterey        |       |
| 059                    | Orange          |       |
| 067                    | Sacramento      |       |
| 073                    | San Diego       |       |
| 075                    | San Francisco   |       |
| 079                    | San Luis Obispo |       |
| 081                    | San Mateo       |       |

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
| 083                    | Santa Barbara  |       |
| 087                    | Santa Cruz     |       |
| 089                    | Shasta         |       |
| 095                    | Solano         |       |
| 097                    | Sonoma         |       |
| 099                    | Stanislaus     |       |
| 107                    | Tulare         |       |
| 111                    | Ventura        |       |

### **Colorado**

|     |           |
|-----|-----------|
| 013 | Boulder   |
| 031 | Denver    |
| 059 | Jefferson |
| 069 | Larimer   |
| 123 | Weld      |

### **Connecticut**

|     |             |
|-----|-------------|
| 001 | Fairfield   |
| 005 | Litchfield* |
| 009 | New Haven   |
| 011 | New London  |
| 015 | Windham     |

### **Delaware**

|     |            |
|-----|------------|
| 001 | Kent       |
| 003 | New Castle |
| 005 | Sussex     |

### **District of Columbia**

|     |                      |
|-----|----------------------|
| 001 | District of Columbia |
|-----|----------------------|

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
|------------------------|----------------|-------|

**Florida**

|     |              |
|-----|--------------|
| 005 | Bay          |
| 009 | Brevard      |
| 011 | Broward      |
| 019 | Clay         |
| 021 | Collier      |
| 033 | Escambia     |
| 053 | Hernando     |
| 057 | Hillsborough |
| 069 | Lake         |
| 071 | Lee          |
| 083 | Marion       |
| 085 | Martin       |
| 086 | Miami-Dade   |
| 095 | Orange       |
| 099 | Palm Beach   |
| 101 | Pasco        |
| 103 | Pinellas     |
| 105 | Polk         |
| 109 | St. Johns    |
| 111 | St. Lucie    |
| 113 | Santa Rosa   |

**Georgia**

|     |          |
|-----|----------|
| 015 | Bartow   |
| 045 | Carroll  |
| 057 | Cherokee |
| 063 | Clayton  |
| 077 | Coweta   |
| 097 | Douglas  |
| 113 | Fayette  |
| 117 | Forsythe |
| 135 | Gwinnett |
| 139 | Hall     |
| 151 | Henry    |
| 223 | Paulding |

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
| <b>Hawaii</b>          |                |       |
| 003                    | Honolulu       |       |
| <b>Illinois</b>        |                |       |
| 097                    | Lake           |       |
| 111                    | McHenry        |       |
| 119                    | Madison        |       |
| 163                    | St. Clair      |       |
| 179                    | Tazewell       |       |
| <b>Indiana</b>         |                |       |
| 019                    | Clark          |       |
| 039                    | Elkhart        |       |
| 063                    | Hendricks      |       |
| 081                    | Johnson        |       |
| 089                    | Lake           |       |
| 105                    | Monroe         |       |
| 141                    | St. Joseph     |       |
| 157                    | Tippecanoe     |       |
| <b>Iowa</b>            |                |       |
| 103                    | Johnson        |       |
| 113                    | Linn           |       |
| 163                    | Scott          |       |
| <b>Kansas</b>          |                |       |
| 091                    | Johnson        |       |
| 173                    | Sedgwick       |       |
| <b>Kentucky</b>        |                |       |
| 015                    | Boone          |       |
| 067                    | Fayette        |       |
| 111                    | Jefferson      |       |
| 117                    | Kenton         |       |

| FIPS<br>County<br>Code | County<br>Name   | State |
|------------------------|------------------|-------|
| <b>Louisiana</b>       |                  |       |
| 005                    | Ascension        |       |
| 033                    | East Baton Rouge |       |
| 051                    | Jefferson        |       |
| 063                    | Livingston       |       |
| 071                    | Orleans          |       |
| 073                    | Ouachita         |       |
| 103                    | St. Tammany      |       |
| <b>Maine</b>           |                  |       |
| 001                    | Androscoggin     |       |
| 005                    | Cumberland       |       |
| 011                    | Kennebec*        |       |
| 019                    | Penobscot        |       |
| <b>Maryland</b>        |                  |       |
| 003                    | Anne Arundel     |       |
| 013                    | Carroll          |       |
| 015                    | Cecil            |       |
| 017                    | Charles          |       |
| 025                    | Harford          |       |
| 031                    | Montgomery       |       |
| 033                    | Prince Georges   |       |
| 037                    | St. Mary's       |       |
| 510                    | Baltimore City   |       |



| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
| <b>Massachusetts</b>   |                |       |
| 001                    | Barnstable     |       |
| 005                    | Bristol        |       |
| 013                    | Hampden        |       |
| 015                    | Hampshire      |       |
| 017                    | Middlesex      |       |
| 023                    | Plymouth       |       |
| 025                    | Suffolk        |       |
| 027                    | Worcester      |       |
| <b>Michigan</b>        |                |       |
| 005                    | Allegan*       |       |
| 021                    | Berrien        |       |
| 025                    | Calhoun        |       |
| 049                    | Genesee        |       |
| 075                    | Jackson        |       |
| 081                    | Kent           |       |
| 093                    | Livingston     |       |
| 099                    | Macomb         |       |
| 115                    | Monroe         |       |
| 121                    | Muskegon       |       |
| 125                    | Oakland        |       |
| 145                    | Saginaw        |       |
| 161                    | Washtenaw      |       |
| 163                    | Wayne          |       |
| <b>Minnesota</b>       |                |       |
| 003                    | Anoka          |       |
| 123                    | Ramsey         |       |
| 139                    | Scott          |       |
| 163                    | Washington     |       |
| 171                    | Wright         |       |

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
| <b>Missouri</b>        |                |       |
| 071                    | Franklin       |       |
| 099                    | Jefferson      |       |
| 189                    | St. Louis      |       |
| <b>Montana</b>         |                |       |
| 111                    | Yellowstone    |       |
| <b>Nebraska</b>        |                |       |
| 055                    | Douglas        |       |
| <b>Nevada</b>          |                |       |
| 003                    | Clark          |       |
| <b>New Hampshire</b>   |                |       |
| 011                    | Hillsborough   |       |
| 013                    | Merrimack*     |       |
| 015                    | Rockingham     |       |
| 017                    | Strafford      |       |
| <b>New Jersey</b>      |                |       |
| 003                    | Bergen         |       |
| 005                    | Burlington     |       |
| 007                    | Camden         |       |
| 011                    | Cumberland     |       |
| 013                    | Essex          |       |
| 017                    | Hudson         |       |
| 019                    | Hunterdon      |       |
| 021                    | Mercer         |       |
| 023                    | Middlesex      |       |
| 027                    | Morris         |       |
| 031                    | Passaic        |       |

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
|------------------------|----------------|-------|

|     |          |  |
|-----|----------|--|
| 035 | Somerset |  |
| 037 | Sussex   |  |
| 039 | Union    |  |

### **New Mexico**

|     |            |  |
|-----|------------|--|
| 001 | Bernalillo |  |
| 013 | Dona Ana   |  |
| 045 | San Juan   |  |
| 049 | Santa Fe   |  |

### **New York**

|     |             |  |
|-----|-------------|--|
| 005 | Bronx       |  |
| 045 | Jefferson   |  |
| 047 | Kings       |  |
| 055 | Monroe      |  |
| 059 | Nassau      |  |
| 061 | New York    |  |
| 067 | Onondaga    |  |
| 069 | Ontario     |  |
| 071 | Orange      |  |
| 081 | Queens      |  |
| 085 | Richmond    |  |
| 087 | Rockland    |  |
| 091 | Saratoga    |  |
| 103 | Suffolk     |  |
| 119 | Westchester |  |

### **North Carolina**

|     |             |  |
|-----|-------------|--|
| 001 | Alamance    |  |
| 021 | Buncombe    |  |
| 057 | Davidson    |  |
| 067 | Forsyth     |  |
| 119 | Mecklenburg |  |
| 133 | Onslow      |  |
| 147 | Pitt        |  |

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
|------------------------|----------------|-------|

|     |          |  |
|-----|----------|--|
| 155 | Robeson* |  |
| 159 | Rowan    |  |
| 179 | Union    |  |
| 191 | Wayne    |  |

### **Ohio**

|     |            |  |
|-----|------------|--|
| 025 | Clermont   |  |
| 057 | Greene     |  |
| 085 | Lake       |  |
| 089 | Licking    |  |
| 095 | Lucas      |  |
| 103 | Medina     |  |
| 109 | Miami      |  |
| 113 | Montgomery |  |
| 133 | Portage    |  |
| 153 | Summit     |  |

### **Oregon**

|     |           |  |
|-----|-----------|--|
| 017 | Deschutes |  |
| 029 | Jackson   |  |
| 039 | Lane      |  |

### **Pennsylvania**

|     |           |  |
|-----|-----------|--|
| 003 | Allegheny |  |
| 007 | Beaver    |  |
| 011 | Berks     |  |
| 017 | Bucks     |  |
| 019 | Butler    |  |
| 021 | Cambria   |  |
| 029 | Chester   |  |
| 043 | Dauphin   |  |
| 045 | Delaware  |  |
| 049 | Erie      |  |
| 055 | Franklin  |  |
| 071 | Lancaster |  |

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
|------------------------|----------------|-------|

|     |              |  |
|-----|--------------|--|
| 081 | Lycoming     |  |
| 085 | Mercer       |  |
| 089 | Monroe       |  |
| 091 | Montgomery   |  |
| 101 | Philadelphia |  |
| 107 | Schuylkill*  |  |
| 125 | Washington   |  |
| 129 | Westmoreland |  |
| 133 | York         |  |

### **South Carolina**

|     |             |  |
|-----|-------------|--|
| 041 | Florence    |  |
| 051 | Horry       |  |
| 083 | Spartanburg |  |
| 091 | York        |  |

### **Tennessee**

|     |            |  |
|-----|------------|--|
| 009 | Blount     |  |
| 093 | Knox       |  |
| 125 | Montgomery |  |
| 165 | Sumner     |  |
| 189 | Wilson     |  |

### **Texas**

|     |          |  |
|-----|----------|--|
| 041 | Brazos   |  |
| 061 | Cameron  |  |
| 135 | Ector    |  |
| 139 | Ellis    |  |
| 181 | Grayson  |  |
| 183 | Gregg    |  |
| 215 | Hidalgo  |  |
| 251 | Johnson  |  |
| 303 | Lubbock  |  |
| 309 | McLennan |  |
| 423 | Smith    |  |

| FIPS<br>County<br>Code | County<br>Name      | State                |
|------------------------|---------------------|----------------------|
| 441                    | Taylor              |                      |
| 479                    | Webb                |                      |
| 485                    | Wichita             |                      |
|                        |                     | <b>Utah</b>          |
| 053                    | Washington          |                      |
|                        |                     | <b>Virginia</b>      |
| 013                    | Arlington           |                      |
| 041                    | Chesterfield        |                      |
| 087                    | Henrico             |                      |
| 107                    | Loudoun             |                      |
| 153                    | Prince William      |                      |
| 177                    | Spotsylvania        |                      |
| 179                    | Stafford            |                      |
| 550                    | Chesapeake City     |                      |
| 700                    | Newport News City   |                      |
| 710                    | Norfolk City        |                      |
| 760                    | Richmond City       |                      |
| 810                    | Virginia Beach City |                      |
|                        |                     | <b>Washington</b>    |
| 057                    | Skagit              |                      |
|                        |                     | <b>West Virginia</b> |
| 039                    | Kanawha             |                      |
|                        |                     | <b>Wisconsin</b>     |
| 059                    | Kenosha             |                      |
| 073                    | Marathon            |                      |
| 101                    | Racine              |                      |
| 105                    | Rock                |                      |
| 139                    | Winnebago           |                      |

\* Counties marked with an asterisk (\*) are also single county Micropolitan Statistical Areas.

They are not otherwise identified on the files. A list of such areas on the files is as follows:

| CBSA<br>Code | Title                  | County<br>Name | County<br>Code |
|--------------|------------------------|----------------|----------------|
| 12300        | Augusta-Waterville, ME | Kennebec       | 005            |
| 18180        | Concord, NH            | Merrimack      | 011            |
| 26090        | Holland, MI            | Allegan        | 005            |
| 31300        | Lumberton, NC          | Robeson        | 155            |
| 39060        | Pottsville, PA         | Schuylkill     | 107            |
| 45860        | Torrington, CT         | Litchfield     | 005            |

## ATTACHMENT 12

### Topcoding of Usual Hourly Earnings

This variable will be topcoded based on an individual's usual hours worked variable, if the individual's edited usual weekly earnings variable is \$999. The topcode is computed such that the product of usual hours times usual hourly wage does not exceed an annualized wage of \$150,000 (\$2,885.00 per week). Below is a list of the appropriate topcode.

| Hours | Topcode | Hours | Topcode | Hours | Topcode |
|-------|---------|-------|---------|-------|---------|
| 1     | None    | 34    | \$84.85 | 67    | \$43.06 |
| 2     | None    | 35    | \$82.43 | 68    | \$42.43 |
| 3     | None    | 36    | \$80.14 | 69    | \$41.81 |
| 4     | None    | 37    | \$77.97 | 70    | \$41.21 |
| 5     | None    | 38    | \$75.92 | 71    | \$40.63 |
| 6     | None    | 39    | \$73.97 | 72    | \$40.07 |
| 7     | None    | 40    | \$72.13 | 73    | \$39.52 |
| 8     | None    | 41    | \$70.37 | 74    | \$38.99 |
| 9     | None    | 42    | \$68.69 | 75    | \$38.47 |
| 10    | None    | 43    | \$67.09 | 76    | \$37.96 |
| 11    | None    | 44    | \$65.57 | 77    | \$37.47 |
| 12    | None    | 45    | \$64.11 | 78    | \$36.99 |
| 13    | None    | 46    | \$62.72 | 79    | \$36.52 |
| 14    | None    | 47    | \$61.38 | 80    | \$36.06 |
| 15    | None    | 48    | \$60.10 | 81    | \$35.62 |
| 16    | None    | 49    | \$58.88 | 82    | \$35.18 |
| 17    | None    | 50    | \$57.70 | 83    | \$34.76 |
| 18    | None    | 51    | \$56.57 | 84    | \$34.35 |
| 19    | None    | 52    | \$55.48 | 85    | \$33.94 |
| 20    | None    | 53    | \$54.43 | 86    | \$33.55 |
| 21    | None    | 54    | \$53.43 | 87    | \$33.16 |
| 22    | None    | 55    | \$52.45 | 88    | \$32.78 |
| 23    | None    | 56    | \$51.52 | 89    | \$32.42 |
| 24    | None    | 57    | \$50.61 | 90    | \$32.06 |
| 25    | None    | 58    | \$49.74 | 91    | \$31.70 |
| 26    | None    | 59    | \$48.90 | 92    | \$31.36 |
| 27    | None    | 60    | \$48.08 | 93    | \$31.02 |
| 28    | None    | 61    | \$47.30 | 94    | \$30.69 |
| 29    | \$99.48 | 62    | \$46.53 | 95    | \$30.37 |
| 30    | \$96.17 | 63    | \$45.79 | 96    | \$30.05 |
| 31    | \$93.06 | 64    | \$45.08 | 97    | \$29.74 |
| 32    | \$90.16 | 65    | \$44.38 | 98    | \$29.44 |
| 33    | \$87.42 | 66    | \$43.71 | 99    | \$29.14 |



## ATTACHMENT 13

### Current Population Survey

### Selected Unweighted Tallies from the July 2018 Tobacco Use Supplement

For more information on the July Tobacco Use Supplement to the Current Population Survey (TUS-CPS) see TUS-CPS series web site: <http://riskfactor.cancer.gov/studies/tus-cps/>.

Total Records in sample: 142,577<sup>1</sup>

- records for CPS non-interviewed persons - 20,671)
- individuals within CPS interviewed households (HHs) - 121,898)

Not eligible for the supplement: 48,479<sup>2</sup>

- children and adults < 18yrs old and on active duty in armed forces - 27,566
- records for CPS non-interviewed HHs 20,679

Eligible for the supplement: 94,098<sup>3</sup>

Supplement non-interviews: 33,737<sup>4</sup>

- CPS interview incompletes- 366<sup>5</sup>
- not randomly selected for TUS interview – 12,700
- TUS non-response – 20,671

Final eligibility for supplement interview after excluding CPS incompletes for unknown age and those not randomly selected for TUS interview – 81,032

Supplement interviews: 60,361<sup>6</sup>

- self-response – 46,759
- proxy-response – 13,602

Supplement non-response: 20,671

The tallies that follow represent the 94,098 persons in sample who were eligible for the random selection for supplement interview (plus those 366 with unknown age at time of interview).

<sup>1</sup> INTRVIEW= -1 or 1 or 2

<sup>2</sup> INTRVIEW= -1

<sup>3</sup> INTRVIEW= (1 or 2)

<sup>4</sup> INTRVIEW=2

<sup>5</sup> Age was unknown and later edited as 18+ AFTER completion of the data collection, thus non-interviews and no chance of random selection.

<sup>6</sup> INTRVIEW=1, note this includes 12 persons who were interviewed though not randomly selected for interview.

| <u>Item</u> | <u>Value</u> | <u>Tallies</u> |
|-------------|--------------|----------------|
|             |              |                |
| PEA1        | -9           | 1              |
|             | -3           | 58             |
|             | -2           | 195            |
|             | -1           | 33737          |
|             | 1            | 19175          |
|             | 2            | 40932          |
|             |              |                |
| PEA3        | -9           | 108            |
|             | -3           | 90             |
|             | -2           | 42             |
|             | -1           | 63462          |
|             | 1            | 5763           |
|             | 2            | 1811           |
|             | 3            | 22822          |
|             |              |                |
| PEB2        | -9           | 9              |
|             | -3           | 40             |
|             | -2           | 5              |
|             | -1           | 89485          |
|             | 1            | 1266           |
|             | 2            | 3154           |
|             | 3            | 139            |
|             |              |                |
| PEB7C       | -9           | 38             |
|             | -3           | 50             |
|             | -2           | 14             |
|             | -1           | 89485          |
|             | 1            | 2891           |
|             | 2            | 1130           |
|             | 3            | 322            |
|             | 4            | 154            |
|             | 5            | 14             |
|             |              |                |
| PEC2        | -9           | 5              |
|             | -3           | 10             |
|             | -2           | 2              |
|             | -1           | 92745          |
|             | 1            | 424            |
|             | 2            | 823            |
|             | 3            | 89             |

| <u>Item</u> | <u>Value</u> | <u>Tallies</u> |
|-------------|--------------|----------------|
|             |              |                |
| PEC7A       | -9           | 12             |
|             | -3           | 15             |
|             | -2           | 6              |
|             | -1           | 92745          |
|             | 1            | 636            |
|             | 2            | 684            |
|             |              |                |
| PEDA        | -9           | 5              |
|             | -3           | 17             |
|             | -2           | 4              |
|             | -1           | 93515          |
|             | 1            | 270            |
|             | 2            | 287            |
|             |              |                |
| PED1R       | -9           | 58             |
|             | -3           | 76             |
|             | -2           | 13             |
|             | -1           | 88715          |
|             | 1            | 2068           |
|             | 2            | 3168           |
|             |              |                |
| PED8R       | -9           | 65             |
|             | -3           | 73             |
|             | -2           | 9              |
|             | -1           | 91062          |
|             | 1            | 1061           |
|             | 2            | 1828           |
|             |              |                |
| PEE1B1      | -9           | 13             |
|             | -3           | 9              |
|             | -2           | 1              |
|             | -1           | 91481          |
|             | 1            | 124            |
|             | 2            | 2470           |

| <u>Item</u> | <u>Value</u> | <u>Tallies</u> |
|-------------|--------------|----------------|
|             |              |                |
| PEF1A       | -9           | 88             |
|             | -3           | 109            |
|             | -2           | 11             |
|             | -1           | 88132          |
|             | 1            | 4042           |
|             | 2            | 1716           |
|             |              |                |
| PEG1        | -9           | 88             |
|             | -3           | 105            |
|             | -2           | 99             |
|             | -1           | 88132          |
|             | 1            | 2480           |
|             | 2            | 3194           |
|             |              |                |
| PEH2        | -9           | 9              |
|             | -3           | 19             |
|             | -2           | 12             |
|             | -1           | 84257          |
|             | 1            | 7615           |
|             | 2            | 2186           |
|             |              |                |
| PEH6        | -9           | 3              |
|             | -3           | 2              |
|             | -2           | 1              |
|             | -1           | 93438          |
|             | 1            | 355            |
|             | 2            | 150            |
|             | 3            | 149            |
|             |              |                |
| PEH6C2      | -9           | 3              |
|             | -3           | 4              |
|             | -2           | 2              |
|             | -1           | 93438          |
|             | 1            | 195            |
|             | 2            | 421            |
|             | 3            | 35             |

| <u>Item</u> | <u>Value</u> | <u>Tallies</u> |
|-------------|--------------|----------------|
| PEJ1A1      | -9           | 267            |
|             | -3           | 355            |
|             | -2           | 244            |
|             | -1           | 33737          |
|             | 1            | 9106           |
|             | 2            | 50389          |
| PEJ2A1      | -9           | 7              |
|             | -3           | 13             |
|             | -2           | 5              |
|             | -1           | 84992          |
|             | 1            | 191            |
|             | 2            | 1070           |
|             | 3            | 7820           |
| PEJ1A2      | -9           | 281            |
|             | -3           | 359            |
|             | -2           | 196            |
|             | -1           | 33737          |
|             | 1            | 3037           |
|             | 2            | 56488          |
| PEJ2A2      | -9           | 1              |
|             | -3           | 6              |
|             | -2           | 1              |
|             | -1           | 91061          |
|             | 1            | 44             |
|             | 2            | 154            |
|             | 3            | 2831           |
| PEJ1A3      | -9           | 290            |
|             | -3           | 364            |
|             | -2           | 208            |
|             | -1           | 33737          |
|             | 1            | 2370           |
|             | 2            | 57129          |
| PEJ2A3      | -9           | 0              |
|             | -3           | 2              |
|             | -2           | 1              |
|             | -1           | 91728          |
|             | 1            | 10             |
|             | 2            | 187            |
|             | 3            | 2170           |

| <u>Item</u> | <u>Value</u> | <u>Tallies</u> |
|-------------|--------------|----------------|
| PEJ1A3_5    | -9           | 303            |
|             | -3           | 383            |
|             | -2           | 180            |
|             | -1           | 33737          |
|             | 1            | 4285           |
|             | 2            | 55210          |
| PEJ2A3_5    | -9           | 1              |
|             | -3           | 2              |
|             | -2           | 4              |
|             | -1           | 89813          |
|             | 1            | 540            |
|             | 2            | 587            |
|             | 3            | 3151           |
| PEJ1A4      | -9           | 313            |
|             | -3           | 389            |
|             | -2           | 180            |
|             | -1           | 33737          |
|             | 1            | 4143           |
|             | 2            | 55336          |
| PEJ2A4      | -9           | 3              |
|             | -3           | 6              |
|             | -2           | 3              |
|             | -1           | 89955          |
|             | 1            | 662            |
|             | 2            | 398            |
|             | 3            | 3071           |
| PEJ1A5      | -9           | 321            |
|             | -3           | 373            |
|             | -2           | 189            |
|             | -1           | 33737          |
|             | 1            | 215            |
|             | 2            | 59263          |
| PEJ2A5      | -9           | 1              |
|             | -3           | 1              |
|             | -2           | 0              |
|             | -1           | 93883          |
|             | 1            | 15             |
|             | 2            | 14             |
|             | 3            | 184            |

| <u>Item</u> | <u>Value</u> | <u>Tallies</u> |
|-------------|--------------|----------------|
|             |              |                |
| PEJ4        | -9           | 6              |
|             | -3           | 6              |
|             | -2           | 8              |
|             | -1           | 93080          |
|             | 1            | 236            |
|             | 2            | 762            |
|             |              |                |
| PEK2A       | -9           | 4              |
|             | -3           | 28             |
|             | -2           | 88             |
|             | -1           | 74567          |
|             | 1            | 18100          |
|             | 2            | 1311           |
|             |              |                |
| PEK4        | -9           | 405            |
|             | -3           | 487            |
|             | -2           | 96             |
|             | -1           | 47339          |
|             | 1            | 40885          |
|             | 2            | 2343           |
|             | 3            | 2543           |
|             |              |                |
| INTRVIEW    | 1            | 60361          |
|             | 2            | 33737          |

## ATTACHMENT 14

### COUNTRIES AND AREAS OF THE WORLD

Current Population Survey

Starting May 2012

| Code | Name                 | Code | Name                  |
|------|----------------------|------|-----------------------|
| 057  | United States        | 158  | Armenia               |
| 060  | American Samoa       | 159  | Azerbaijan            |
| 066  | Guam                 | 160  | Belarus               |
| 069  | Northern Marianas    | 161  | Georgia               |
| 073  | Puerto Rico          | 162  | Moldova               |
| 078  | U. S. Virgin Islands | 163  | Russia                |
| 100  | Albania              | 164  | Ukraine               |
| 102  | Austria              | 165  | USSR                  |
| 103  | Belgium              | 166  | Europe, not specified |
| 104  | Bulgaria             | 168  | Montenegro            |
| 105  | Czechoslovakia       | 200  | Afghanistan           |
| 106  | Denmark              | 202  | Bangladesh            |
| 108  | Finland              | 203  | Bhutan                |
| 109  | France               | 205  | Myanmar (Burma)       |
| 110  | Germany              | 206  | Cambodia              |
| 116  | Greece               | 207  | China                 |
| 117  | Hungary              | 209  | Hong Kong             |
| 118  | Iceland              | 210  | India                 |
| 119  | Ireland              | 211  | Indonesia             |
| 120  | Italy                | 212  | Iran                  |
| 126  | Netherlands          | 213  | Iraq                  |
| 127  | Norway               | 214  | Israel                |
| 128  | Poland               | 215  | Japan                 |
| 129  | Portugal             | 216  | Jordan                |
| 130  | Azores               | 217  | Korea                 |
| 132  | Romania              | 218  | Kazakhstan            |
| 134  | Spain                | 220  | South Korea           |
| 136  | Sweden               | 222  | Kuwait                |
| 137  | Switzerland          | 223  | Laos                  |
| 138  | United Kingdom       | 224  | Lebanon               |
| 139  | England              | 226  | Malaysia              |
| 140  | Scotland             | 228  | Mongolia              |
| 142  | Northern Ireland     | 229  | Nepal                 |
| 147  | Yugoslavia           | 231  | Pakistan              |
| 148  | Czech Republic       | 233  | Philippines           |
| 149  | Slovakia             | 235  | Saudi Arabia          |
| 150  | Bosnia & Herzegovina | 236  | Singapore             |
| 151  | Croatia              | 238  | Sri Lanka             |
| 152  | Macedonia            | 239  | Syria                 |
| 154  | Serbia               | 240  | Taiwan                |
| 155  | Estonia              | 242  | Thailand              |
| 156  | Latvia               | 243  | Turkey                |
| 157  | Lithuania            | 245  | United Arab Emirates  |



| Code | Name                           | Code | Name                         |
|------|--------------------------------|------|------------------------------|
| 246  | Uzbekistan                     | 373  | Venezuela                    |
| 247  | Vietnam                        | 374  | South America, not specified |
| 248  | Yemen                          | 399  | Americas, not specified      |
| 249  | Asia, not specified            | 400  | Algeria                      |
| 300  | Bermuda                        | 407  | Cameroon                     |
| 301  | Canada                         | 408  | Cape Verde                   |
| 303  | Mexico                         | 412  | Congo                        |
| 310  | Belize                         | 414  | Egypt                        |
| 311  | Costa Rica                     | 416  | Ethiopia                     |
| 312  | El Salvador                    | 417  | Eritrea                      |
| 313  | Guatemala                      | 421  | Ghana                        |
| 314  | Honduras                       | 423  | Guinea                       |
| 315  | Nicaragua                      | 425  | Ivory Coast                  |
| 316  | Panama                         | 427  | Kenya                        |
| 321  | Antigua and Barbuda            | 429  | Liberia                      |
| 323  | Bahamas                        | 430  | Libya                        |
| 324  | Barbados                       | 436  | Morocco                      |
| 327  | Cuba                           | 440  | Nigeria                      |
| 328  | Dominica                       | 444  | Senegal                      |
| 329  | Dominican Republic             | 447  | Sierra Leone                 |
| 330  | Grenada                        | 448  | Somalia                      |
| 332  | Haiti                          | 449  | South Africa                 |
| 333  | Jamaica                        | 451  | Sudan                        |
| 338  | St. Kitts--Nevis               | 453  | Tanzania                     |
| 339  | St. Lucia                      | 454  | Togo                         |
| 340  | St. Vincent and the Grenadines | 457  | Uganda                       |
| 341  | Trinidad and Tobago            | 459  | Zaire                        |
| 343  | West Indies, not specified     | 460  | Zambia                       |
| 360  | Argentina                      | 461  | Zimbabwe                     |
| 361  | Bolivia                        | 462  | Africa, not specified        |
| 362  | Brazil                         | 501  | Australia                    |
| 363  | Chile                          | 508  | Fiji                         |
| 364  | Columbia                       | 511  | Marshall Islands             |
| 365  | Ecuador                        | 512  | Micronesia                   |
| 368  | Guyana                         | 515  | New Zealand                  |
| 369  | Paraguay                       | 523  | Tonga                        |
| 370  | Peru                           | 527  | Samoa                        |
| 372  | Uruguay                        | 555  | Elsewhere                    |

## **ATTACHMENT 15**

### **ALLOCATION FLAGS**

#### **Current Population Survey**

For every edited item, there is a corresponding allocation flag with the prefix "PX". The last six characters of the names are the same. For example, PXMLR is the allocation flag for PEMLR. All allocation flags have the following list of possible values.

|    |                                     |
|----|-------------------------------------|
| 00 | VALUE - NO CHANGE                   |
| 01 | BLANK - NO CHANGE                   |
| 02 | DON'T KNOW - NO CHANGE              |
| 03 | REFUSED - NO CHANGE                 |
| 10 | VALUE TO VALUE                      |
| 11 | BLANK TO VALUE                      |
| 12 | DON'T KNOW TO VALUE                 |
| 13 | REFUSED TO VALUE                    |
| 20 | VALUE TO LONGITUDINAL VALUE         |
| 21 | BLANK TO LONGITUDINAL VALUE         |
| 22 | DON'T KNOW TO LONGITUDINAL VALUE    |
| 23 | REFUSED TO LONGITUDINAL VALUE       |
| 30 | VALUE TO ALLOCATED VALUE LONG.      |
| 31 | BLANK TO ALLOCATED VALUE LONG.      |
| 32 | DON'T KNOW TO ALLOCATED VALUE LONG. |
| 33 | REFUSED TO ALLOCATED VALUE LONG.    |
| 40 | VALUE TO ALLOCATED VALUE            |
| 41 | BLANK TO ALLOCATED VALUE            |
| 42 | DON'T KNOW TO ALLOCATED VALUE       |
| 43 | REFUSED TO ALLOCATED VALUE          |
| 50 | VALUE TO BLANK                      |
| 52 | DON'T KNOW TO BLANK                 |
| 53 | REFUSED TO BLANK                    |

## Attachment 16

Source of the Data and Accuracy of the Estimates for  
the July 2018 Supplement Microdata File

The Source of the Data and Accuracy for July 2018 Tobacco Use Supplement Microdata file  
" **Will be Available Soon**" to the public.

Placeholder

## **ATTACHMENT 17**

### **USER NOTES**

This section will contain information relevant to the *Current Population Survey, July 2018: Tobacco Use Supplement File* that becomes available after the file is released.