

**CURRENT POPULATION SURVEY, January 2015  
Tobacco Use FILE**

**TECHNICAL DOCUMENTATION  
CPS—15**

This file documentation consists of the following materials:

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**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 Services Center, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-INFO (4636).

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

## 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], January 2015.*

### **Type of File:**

Microdata; unit of observation is person.

### **Universe Description:**

For January 2015 the universe is person level for all persons aged 18 and above 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 54,161 households.

*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 or not at all.
- Section B questions were asked if they had smoked 100 cigarettes, is a self-respondent and currently smoking everyday.
- Section C questions were asked if the person had smoked 100 cigarettes, is a self-respondent and 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, asks if ever quit.
- Section E asked self respondent current every day and some-day smokers about a limited set of methods used (quit lines, internet or web-based tools, and switching to other tobacco products) during the most recent quit attempt within the past 12 months.
- Section F asked self respondent current every day and some-day smokers about 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 use of other tobacco products.
- Section K asked about smoke-free policies at work and at home, attitudes towards smoking in different places.
- The Supplement Universe was :  
(HINTSTA = 1 AND PRPERTYP = 2  
PRTAGE greater than or equal to 18 AND  
HRMIS in 1, 2, 3, 4, 5, 6, 7, 8).

### **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 of any person age 18 years or older in the household in January 2015. A new feature of the 2014-2015 cycle included random selection of self interviewed respondents in larger households to reduce respondent burden. If the household had only 1 supplement eligible member then that person was selected for self interview. If the household had only 2 supplement eligible members, then both of them 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 and the remaining were interviewed by proxy. If the household had more than 4 supplement eligible members, then 3 of them were randomly selected for self- interview and the rest of the eligible respondents were interviewed by proxy.

Those selected for self-interview were eligible for the entire supplement, whereas proxy respondents were only eligible for an abbreviated interview. Occasionally, those persons to be interviewed by proxy, if available for self- interview, were interviewed directly but asked the abbreviated proxy path questions.

### **Geographic Coverage:**

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

## Technical Description:

**File Structure:** Rectangular.

**File Size:** 153,356<sup>1</sup> logical person records; 1442 character logical record length. There are 101,747 total supplement eligible records for January 2015.

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

## Reference Materials:

*Current Population Survey, January 2015: Tobacco Use Supplement Technical Documentation.* Documentation contains this abstract, questionnaire facsimiles, and record layouts of the file. Documentation is located at <http://www.census.gov/programs-surveys/cps/technical-documentation/complete.html>

Census Bureau. *The Current Population Survey Design and Methodology* (Technical Paper 66) describes in detail the sample design and survey procedures used as well as accuracy of estimates and sampling errors. Reference copies should be available from most public libraries or Federal Depository Libraries.

## 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)

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

## 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 56,000 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 CPS sample is selected based on 2000 census information. The first stage of the 2000 sample design created 2,025 geographic areas called primary sampling units (PSUs) in the entire United States. These PSUs were grouped into strata within each state. Some of these PSUs formed strata by themselves and were in sample with certainty, which is referred to as self-representing. Of the remaining nonself-representing PSUs, one PSU was selected from each stratum with the probability of selection proportional to the population of the PSU. A total of 824 PSUs were selected for sampling. The second stage of the sample design selected housing units within these PSUs.

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 7 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://www.census.gov/prod/www/subject.html#pop>

## **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 population will equal published estimates, labor force estimates produced from a microdata file will not be directly comparable or identical with the published nonseasonally adjusted labor force data. The major reason for this is due to a final estimation procedure incorporated into the production of the published nonseasonally adjusted data. This procedure, known as a composite estimator, is a weighted average of two estimates for the current month for any particular item. The first estimate is the two-stage ratio estimate that includes all the estimation steps given above. The second estimate consists of the composite estimate for the preceding month to which has been added an estimate of the change from the preceding month, based on that part of the sample which is common to the two months (about 75 percent). This procedure is primarily used to increase the reliability of estimates of month-to-month change, although other reliability gains are also realized. As noted above, the composite estimation procedure does not affect estimates of the total population.

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.

Shown below are data from January and July 1993 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 "Explanatory Notes and Estimates of Error: Household Data - Estimating Methods (Composite Estimation Procedure)" and "Seasonal Adjustment" in any issue of Employment and Earnings.



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

	Civilian Noninstitutional Population	Civilian Labor Force	Employed	Unemployed	Not in Labor Force
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January 1993 Data (000's)					
Final Weights	192,644	126,115	116,113	10,002	66,529
Composited (Not Seasonally Adjusted)	192,644	126,034	116,123	9,911	66,610
Composited (Seasonally Adjusted)	192,644	127,083	118,071	9,013	65,561
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July 1993 Data (000's)					
Final Weights	193,633	130,399	121,450	8,949	63,234
Composited (Not Seasonally Adjusted)	193,633	130,324	121,323	9,002	63,309
Composited (Seasonally Adjusted)	193,633	128,070	119,301	8,769	65,563
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## ATTACHMENT 3

### OVERVIEW

#### January 2015 Tobacco Use Supplement

##### **General**

Census Bureau staff conducted a Tobacco Use Supplement (TUS) to the Current Population Survey (CPS) in conjunction with the January 2015 CPS. The National Cancer Institute (NCI) and the U.S. Food and Drug Administration (FDA) co-sponsored the supplement. NCI has sponsored the TUS-CPS regularly since 1992 (see information on past series and current and past uses of the data later in this Overview and on the NCI website <http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/>). The CPS is a monthly labor force survey conducted in approximately 59,000 interviewed households across the country. Attachment 8 contains a facsimile of the January 2015 TUS questions.

Major new content of the 2014-2015 series includes detailed information on non-cigarette tobacco products, including emerging ones, information about use of flavored non-cigarette tobacco products, and addition of items on attitudes toward smoking in multi-unit housing.

Preceding and following this January 2015 collection were collections in July 2014 and May 2015. State data will be most reliable when using data from all three months of data collection, within a survey cycle. For this reason, we recommend using all three files when analyzing most state or sub-state level data. This is especially important when trying to replicate NCI future analysis of the 2014-2015 data and the analysis of past survey waves, as much of their analysis is based on a statistical average of all three months for any series of collection periods. Each file contains only TUS supplement data collected for the specific month (e.g., July 2014, January 2015 or May 2015) and its corresponding CPS data.

**For the January 2015 Tobacco Use Supplement, THE CITATION IS:**

**US Department of Commerce, Census Bureau 2016, National Cancer Institute and Food and Drug Administration co-sponsored Tobacco Use Supplement to the Current Population Survey January 2015.**

**<http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/>**

**ADD either or both to the above general CITATION, as appropriate:**

*Technical Documentation only:*

<http://www.census.gov/programs-surveys/cps/technical-documentation/complete.html>

*Data files and Technical Documentation Download:*

[http://the.dataweb.rm.census.gov/ftp/cps\\_ftp.html#cpssupps](http://the.dataweb.rm.census.gov/ftp/cps_ftp.html#cpssupps).

For more information about past, current and future NCI TUS, and 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 2014-15 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 within the 2014-15 main data files.

**The 2014-2015 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 January 2015.

A new feature of the 2014-2015 cycle included random selection of self interviewed respondents in larger households. If the household had only 1 supplement eligible member, then that person was selected for self interview. If the household had only 2 supplement eligible members, then both of them 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 and the rest were interviewed by proxy. If the household had more than 4 supplement eligible members, then 3 of them were randomly selected for self- interview and the rest were interviewed by proxy..

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

Self-respondents were eligible for the entire supplement, whereas proxy respondents were only eligible for certain items. Occasionally, some of those persons to be interviewed by proxy, if available, were given a self interview with the shortened proxy length interview. 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.

- We asked everyday, some days and former cigarette smokers and users of other non-cigarette tobacco products a set of detailed smoking history questions tailored to their status (Items PEB1 – PEB10b, PEC1 – PEC10b, PEH1NUM – PEH11d, and PEJ2b – J7b5).
- Also included were some new *special questions or modified items first asked in the 2003 special cessation TUS series* such as:  
type of cigarettes smoked - menthol cigarettes including how long, (Items PEB2, B7c2-3, PEC2, PEC7d2-3, PEH6C2-5, PEH11a-d);  
measures of addiction - “time after awakening smoked first cigarette/use other tobacco product (Items PEB5a-b, PEC5a-b, PEH8a-b, PEJ3a-g);  
more detailed questions on attempts to quit smoking (Items PEDa-D8R) or quit other forms of tobacco use (Items PEJ4-PEJ6b);  
methods used to quit (Items PEE1b-E1cZ2c, PEH6e1 - PEH6FaZ2c, PEJ7b1, PEJ7b5);  
cost of cigarettes (including identifying purchases from Indian Reservations) (PEBA6a-PEBe32, PECA6a-PEC6e32 ).
- Questions *first asked in the 2006-2007 TUS-CPS series* regarding amount of cigarettes smoked about 12 months ago (Items PEB9 – B10b, PEC9-C10b, and PEH6A-H6C) and asking about purchase of individual cigarettes (“loosies”- Items PEB6e1-6e32 and PEC6e1-6e32).
- In addition, we asked *current smokers questions*, such as whether the medical community had advised them to quit smoking (Items PEF1a – PEF1b), or if they were planning to quit in the near future (Items PEG1 – PEG4). Similar questions (Items PEH61a-- PEH61b) on medical advice to quit smoking were asked of *former smokers*.
- Non-cigarette tobacco products use including e-cigarettes, hookah, and dissolvables (in addition to those products typically asked --cigars, pipes, and smokeless tobacco) were asked about during the July 2014, January 2015 and May 2015 cycle.

We also asked all self-respondents some questions previously asked on past TUS series about:

- smoking policies in their work place (Items PEK1 – PEK3d)
- smoking rules in the home (Item PEK4)
- their opinions about smoking in bars and cocktail lounges, on outdoor children’s playgrounds and outdoor children’s sports fields , in casinos, and cars (Items PEK6b- PEK6h2)
- new opinion questions about smoking in multi-unit housing (Items PEK5a–5b)

#### *Special Administrative Items*

We also collected some special questions, such as type of interview [self (full) interview, proxy interview, or self (short proxy path) 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 January 2015 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: (1) making check items consistent with entries; (2) making the various records of proxy/self consistent with each other; and (3) 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 an interview and Code 2 is a non-interview. The smoking status recode is identified by the variable "SMOKSTAT" where Code 1 is a "never smoker," Code 2 is an "everyday smoker," Code 3 is a "some days smoker," Code 4 is a "former smoker," and Code -9 is "indeterminate (unknown) smoking status."

*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 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.

*Use of Weights When Using All Three Files.* The best analysis of the TUS-CPS data, especially for states, will come from combining the data in all three collection periods (July 2014, January 2015, and May 2015). **To use the weights when**

**combining the three files, divide each weight by three.** The Source and Accuracy Statement for this data collection will be created and available at a later date and will be found in Attachment 16 which contains a detailed description on how to use the TUS-CPS special parameters to make standard error estimates for January 2015 single file and the need for special replicate weight files for complex analysis such as regression. 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)).

### **January 2015 NCI and FDA co-sponsored TUS-CPS Files**

***CPS Labor Force Data.*** The January 2015 CPS file contains 133,593 records. The first 950 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:

Unweighted Counts

January 2015

1 = Child	25,674
2 = Adult Civilian, 15+	107,448
3 = Adult, Armed Forces	<u>471</u>
Total	133,593

The values of HRINTSTA are:

1 = Interview	133,593 <sup>1</sup>
2 = Type A Noninterview	7,176
3 = Type B Noninterview	11,791
4 = Type C Noninterview	<u>616</u>
	153,356

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

**Nonresponse.** The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the supplement response rate (or nonresponse rate). For the January 2015 basic CPS, the household-level response rate was 88.3 percent. The person-level response rates for the Tobacco Use Supplement were 77.8 percent for the total (allowing all self and proxy responses) and 55.7 percent for self-response only (counting proxy responses and self -shortened proxy-path responses as non-responses). If we further take into account that we have also 1.0% of self-response for the shortened proxy path for tobacco status questions, then this becomes 56.7 percent self-response.

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



the same as the 2010-11 self-only response rate of 61 percent *minus* the re-design predicted 5-7 percent drop.

Since the basic CPS nonresponse rate is a household-level rate and the Tobacco Use supplement nonresponse rate is a person-level rate, we cannot combine these rates to derive an overall nonresponse rate. Nonresponding households may have fewer persons than interviewed ones, so combining these rates may lead to an overestimate of the true overall nonresponse 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. The TUS response rate is calculated as the percentage of those who completed the TUS to those who were eligible to complete it.

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

<b>January 2015</b>	Count	Percent
Total Eligible	101,747	100.00
Self Respondent	56,652	55.68
Proxy	21,417	21.05
Self (proxy path)	1,053	1.03
Non-interview	22,625	22.24

The Total Number of TUS-CPS Interviewed Adults 18+ (INTRVIEW=1) are:

January 2015     79,122

INTRVIEW=2 Represents those eligible for the TUS (those who completed the CPS items) but not interviewed

January 2015     22,625

Those ineligible for the TUS include children (N =25,674), adults 15-17 years of age (N = 5,478 ), those adults in the Armed Forces (N=471), and those with incomplete CPS interviews (N = 223).

## **SUPPLEMENTARY INFORMATION ON PAST TUS-CPS SERIES AND UNIQUE USES OF THE CURRENT AND PAST DATA FILES**

### *Past TUS-CPS Series*

Census Bureau staff collected the previous series of NCI sponsored Tobacco Use Supplements to the CPS in May 2010, August 2010, January 2011 and a matched longitudinal cohort file in May 2010-May2011. Prior to that were series in May 2006, August 2006 and January 2007; in February, June and November 2003; in June 2001, November 2001 and February 2002; in September 1998, January 1999, and May 1999; in September 1995, January 1996, and May 1996; and in September 2000 at the request of the NCI in order to assess the usage of cigars, snuff, pipes and chewing tobacco, as well as cigarettes by the U.S. population. Some of the respondents in January 2000 and May 2000 were also in the CPS panel in January 1999 or May 1999. Thus, a longitudinal cohort can be created from matching the full 1999 data on cigarette smoking to the limited cigarette smoking outcome data in 2000.

Another *generally unique feature of the 2003 TUSCS-CPS, the 2006-07, the 2010-11 TUS-CPS and the January 2015 (and rest of the main 2014-2015 series) TUS-CPS* is asking *former smokers* questions on their previous level of addiction, use of treatment/methods to quit, and advice from health professionals. This feature enables elegant comparisons between characteristics of former smokers—“successful quitters” and current smokers attempting to quit.

The 2003 Tobacco Use Special Cessation Supplement (TUSCS) and the 2010-11 TUS series, had special detailed sets of cessation questions not on the standard TUS-CPS series Supplements. In addition, the 2002 TUS and the 2003 TUSCS included a longitudinal cohort of 23,000 individuals (this subgroup was interviewed in Feb 2002 and again in Feb 2003) and similarly a longitudinal cohort was created from May 2010 individuals who were followed up in May 2011. For Feb. 2002- Feb. 2003 and May 2010- May 2011 cohort details, see <http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/> , <http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaire.html>,

[Weighting the Overlap Sample report \(PDF\)](#) , and <http://www2.census.gov/programs-surveys/cps/techdocs/cpsmay10-11.pdf>

For matching variables and how to generally weight multiple panel data from the same individuals, see the 2003 Technical Documentation [<http://www.census.gov/programs-surveys/cps/technical-documentation/complete.2003.html>] and for the pdf: <http://www2.census.gov/programs-surveys/cps/techdocs/cpsfebjunnov03.pdf>], the [Weighting the Overlap Sample report \(PDF\)](#) , the May 2010 – May 2011 Technical Documentation [[http://thedataweb.rm.census.gov/ftp/cps\\_ftp.html#cpssupps](http://thedataweb.rm.census.gov/ftp/cps_ftp.html#cpssupps)] and for the pdf: <http://www2.census.gov/programs-surveys/cps/techdocs/cpsmay10-11.pdf> .], and [http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/workshops/2009/tusuw2009\\_gibson.pdf](http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/workshops/2009/tusuw2009_gibson.pdf).

*TUS-CPS unique analysis opportunity- Linkages with other CPS or other non-tobacco Supplements to the CPS*

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.2006. Current Population Survey. Design and Methodology Technical Paper 66. Washington, D.C. U.S. Census Bureau <http://www.census.gov/prod/2006pubs/tp-66.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 2014, January 2015, or May 2015) 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), Internet Use, American Time Use (ATUS), Voting and Registration, Veterans, Food Security, and other CPS Supplements. The ATUS to the CPS would be especially useful for exploring how smokers identified in the TUS- CPS utilize their time as determinants of smoking cessation and tobacco use.

Procedures for merging other CPS or CPS Supplement data to the 2014-15 TUS –CPS files and earlier series can be located at <http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/> , [http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/workshops/2009/tusu2009\\_gibson.pdf](http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/workshops/2009/tusu2009_gibson.pdf) . , and <http://www.cancermeetings.org/TUSCPSWebinar/presentations.cfm> .

TUS-CPS data can also be linked to health outcomes data with the [National Longitudinal Mortality Study \(NLMS\)](http://surveillance.cancer.gov/disparities/nlms/).( <http://surveillance.cancer.gov/disparities/nlms/> ). Health outcomes data include cancer incidence, specific-cause mortality, diagnostic, treatment, survival, and medical care costs from linkages with NCI SEER Registry, National Death Index, and Medicare claims data.

Procedures for merging other CPS or CPS Supplement data to the 2014-15 TUS CPS files and earlier series can be located at <http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/>, [http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/workshops/2009/tusuw2009\\_gibson.pdf](http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/workshops/2009/tusuw2009_gibson.pdf), and <http://www.cancermeetings.org/TUSCPSWebinar/presentations.cfm>.

TUS-CPS data can also be linked to health outcomes data with the [National Longitudinal Mortality Study \(NLMS\)](http://surveillance.cancer.gov/disparities/nlms/). (<http://surveillance.cancer.gov/disparities/nlms/>). Health outcomes data include cancer incidence, specific-cause mortality, diagnostic, treatment, survival, and medical care costs from linkages with NCI SEER Registry, National Death Index, and Medicare claims data.

## 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 2015 \*  
 \*\*\*\*\*

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. Use Part 1 only for matching backward in time and use in combination with Part 2 for matching forward in time.	
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

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

0 MIN VALUE  
 99 MAX VALUE

HUFINAL	3	FINAL OUTCOME CODE	24 - 26
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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

NAME	SIZE	DESCRIPTION	LOCATION
		244 MERGED 245 CONDEMNED 246 BUILT AFTER APRIL 1, 2000 247 UNUSED SERIAL NO./LISTING SHEET LINE 248 OTHER - SPECIFY 256 REMOVED DURING SUB-SAMPLING 257 UNIT ALREADY HAD A CHANCE OF SELECTION	
HUSPNISH	2	IS SPANISH THE ONLY LANGUAGE SPOKEN BY ALL MEMBERS OF THIS HOUSEHOLD WHO ARE 15 YEARS OF AGE OR OLDER?  <u>VALID ENTRIES</u>  1 SPANISH ONLY LANGUAGE SPOKEN	27 - 28
HETENURE	2	ARE YOUR LIVING QUARTERS... (READ ANSWER CATEGORIES)  EDITED UNIVERSE: HRINTSTA = 1 OR HUTYPB = 1-3  <u>VALID ENTRIES</u>  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.	29 - 30
HEHOUSUT	2	TYPE OF HOUSING UNIT  EDITED UNIVERSE: ALL HHLDs IN SAMPLE  <u>VALID ENTRIES</u>  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	31 - 32



NAME	SIZE	DESCRIPTION	LOCATION
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11 STUDENT QUARTERS IN COLLEGE DORM  
 12 OTHER UNIT NOT SPECIFIED ABOVE

HETELHHD	2	IS THERE A TELEPHONE IN THIS HOUSE/APARTMENT?	33 - 34
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EDITED UNIVERSE: HRINTSTA = 1

VALID ENTRIES

1 YES  
 2 NO

HETELAVL	2	IS THERE A TELEPHONE ELSEWHERE ON WHICH PEOPLE IN THIS HOUSEHOLD CAN BE CONTACTED?	35 - 36
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EDITED UNIVERSE: HETELHHD = 2

VALID ENTRIES

1 YES  
 2 NO

HEPHONEO	2	IS A TELEPHONE INTERVIEW ACCEPTABLE?	37 - 38
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EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1

VALID ENTRIES

1 YES  
 2 NO

HEFAMINC	2	FAMILY INCOME (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
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Edited beginning January 2010

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

NAME	SIZE	DESCRIPTION	LOCATION
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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
- 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
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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
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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

HUTYPC	2	TYPE C NON-INTERVIEW REASON	45 - 46
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NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 DEMOLISHED
- 2 HOUSE OR TRAILER MOVED
- 3 OUTSIDE SEGMENT
- 4 CONVERTED TO PERM. BUSINESS OR STORAGE
- 5 MERGED
- 6 CONDEMNED
- 8 UNUSED LINE OF LISTING SHEET
- 9 OTHER - SPECIFY

HWHHWGT	10	HOUSEHOLD WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR TALLYING HOUSEHOLD CHARACTERISTICS	47 - 56
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EDITED UNIVERSE: HRINTSTA = 1

HRINTSTA	2	INTERVIEW STATUS	57 - 58
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EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

- 1 INTERVIEW
- 2 TYPE A NON-INTERVIEW
- 3 TYPE B NON-INTERVIEW
- 4 TYPE C NON-INTERVIEW

HRNUMHOU	2	TOTAL NUMBER OF PERSONS LIVING IN THE HOUSEHOLD (HOUSEHOLD MEMBERS).	59 - 60
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EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

- 0 MIN VALUE
- 16 MAX VALUE

HRHTYPE	2	HOUSEHOLD TYPE	61 - 62
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EDITED UNIVERSE: ALL HHLDs IN SAMPLE

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 0 NON-INTERVIEW HOUSEHOLD
- 1 HUSBAND/WIFE PRIMARY FAMILY (NEITHER AF)
- 2 HUSB/WIFE PRIM. FAMILY (EITHER/BOTH AF)
- 3 UNMARRIED CIVILIAN MALE-PRIM. FAM HHLDER
- 4 UNMARRIED CIV. FEMALE-PRIM FAM HHLDER
- 5 PRIMARY FAMILY HHLDER-RP IN AF, UNMAR.
- 6 CIVILIAN MALE PRIMARY INDIVIDUAL
- 7 CIVILIAN FEMALE PRIMARY INDIVIDUAL
- 8 PRIMARY INDIVIDUAL HHLD-RP IN AF
- 9 GROUP QUARTERS WITH FAMILY
- 10 GROUP QUARTERS WITHOUT FAMILY

HRMIS	2	MONTH-IN-SAMPLE EDITED UNIVERSE: ALL HHLDs IN SAMPLE	63 - 64
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VALID ENTRIES

- 1 MIN VALUE
- 8 MAX VALUE

HUINTTYP	2	TYPE OF INTERVIEW	65 - 66
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VALID ENTRIES

- 0 NONINTERVIEW/INDETERMINATE
- 1 PERSONAL
- 2 TELEPHONE

HUPRSCNT	2	NUMBER OF ACTUAL AND ATTEMPTED PERSONAL CONTACTS	67 - 68
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VALID ENTRIES

- 1 MIN VALUE
- 9 MAX VALUE

HRLONGLK	2	LONGITUDINAL LINK INDICATOR EDITED UNIVERSE: ALL HHLDs IN SAMPLE	69 - 70
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VALID ENTRIES

- 0 MIS 1 OR REPLACEMENT HH (NO LINK)
- 2 MIS 2-4 OR MIS 6-8
- 3 MIS 5

NAME	SIZE	DESCRIPTION	LOCATION
HRHHID2	5	HOUSEHOLD IDENTIFIER (part 2)  EDITED UNIVERSE: ALL HHLD's IN SAMPLE  Part 1 of this number is found in columns 1-15 of the record. Concatenate this item with Part 1 for matching forward in time.  The component parts of this number are as follows: 71-72 Numeric component of the sample number (HRSAMPLE) 73-74 Serial suffix-converted to numerics (HRSERSUF) 75 Household Number (HUHHNUM)	71 - 75
HWHHWTLN	2	Line Number (PULINENO) of the person whose PWSSWGT was donated as HWHHWGT for the household  EDITED UNIVERSE: HPRINTSTA = 1  <u>VALID ENTRIES</u>  0 MIN VALUE 16 MAX VALUE	76-77
FILLER	1		78 - 78
HUBUS	2	DOES ANYONE IN THIS HOUSEHOLD HAVE A BUSINESS OR A FARM?  <u>VALID ENTRIES</u>  1 YES 2 NO	79 - 80
HUBUSL1	2	ENTER LINE NUMBER FOR HUBUS = 1  <u>VALID ENTRIES</u>  01 MIN VALUE 99 MAX VALUE	81 - 82
HUBUSL2	2	See BUSL1  <u>VALID ENTRIES</u>  1 MIN VALUE 99 MAX VALUE	83 - 84

NAME	SIZE	DESCRIPTION	LOCATION
HUBUSL3	2	See BUSL1	85 - 86
		<u>VALID ENTRIES</u>	
		1 MIN VALUE	
		99 MAX VALUE	
HUBUSL4	2	See BUSL1	87 - 88
		<u>VALID ENTRIES</u>	
		1 MIN VALUE	
		99 MAX VALUE	

## **A2. GEOGRAPHIC INFORMATION**

GEREG	2	REGION	89 - 90
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		1 NORTHEAST	
		2 MIDWEST (FORMERLY NORTH CENTRAL)	
		3 SOUTH	
		4 WEST	
GEDIV	1	DIVISION	91 - 91
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		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

NAME	SIZE	DESCRIPTION	LOCATION
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GESTFIPS	2	FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) STATE CODE	93 - 94
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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
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
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GTCBSA	5	SPECIFIC METROPOLITAN CBSA CODE (SEE GEOGRAPHIC ATTACHMENT)	96 - 100
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EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

00000	NOT IDENTIFIED OR NONMETROPOLITAN
10180	MIN VALUE
49740	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
GTCO	3	FIPS COUNTY CODE	101 - 103
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		000 NOT IDENTIFIED	
		001-810 SPECIFIC COUNTY CODE (SEE GEOGRAPHIC ATTACHMENT)	
		NOTE: THIS CODE MUST BE USED IN COMBINATION WITH A STATE CODE (GESTFIPS or GESTCEN) IN ORDER TO UNIQUELY IDENTIFY A COUNTY. ALSO, MOST COUNTIES ARE <b><u>NOT</u></b> IDENTIFIED.	
GTCBSAST	1	PRINCIPAL CITY/BALANCE STATUS	104 - 104
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		1 PRINCIPAL CITY	
		2 BALANCE	
		3 NONMETROPOLITAN	
		4 NOT IDENTIFIED	
GTMETSTA	1	METROPOLITAN STATUS	105 - 105
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		1 METROPOLITAN	
		2 NONMETROPOLITAN	
		3 NOT IDENTIFIED	
GTINDVPC	1	INDIVIDUAL PRINCIPAL CITY	106 - 106
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		0 NOT IDENTIFIED, NONMETROPOLITAN, or NOT A CENTRAL CITY	
		1-7 SPECIFIC PRINCIPAL CITY CODE (SEE GEOGRAPHIC ATTACHMENT )	
		NOTE: WHENEVER POSSIBLE THIS CODE	



NAME	SIZE	DESCRIPTION	LOCATION
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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
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EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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 (SEE GEOGRAPHIC ATTACHMENT)	108-110
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EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

000 NOT IDENTIFIED OR NONMETROPOLITAN  
 104 MIN VALUE  
 548 MAX VALUE

FILLER	3		111 - 113
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**A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS**

FILLER	2	Starting January 2014	114 - 117
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PERRP	2	RELATIONSHIP TO REFERENCE PERSON	118 - 119
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EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

NAME	SIZE	DESCRIPTION	LOCATION
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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
- 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
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EDITED UNIVERSE: EVERY PERSON

VALID ENTRIES

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

PRTAGE	2	PERSONS AGE	122 - 123
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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

NAME	SIZE	DESCRIPTION	LOCATION
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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
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VALID ENTRIES

0 NO TOP CODE  
 1 TOP CODED VALUE FOR AGE

PEMARITL	2	MARITAL STATUS	125 - 126
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EDITED UNIVERSE: PRTAGE >= 15

VALID ENTRIES

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
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EDITED UNIVERSE: PEMARITL = 1

VALID ENTRIES

-1 NO SPOUSE  
 01 MIN VALUE  
 99 MAX VALUE

PESEX	2	SEX	129 - 130
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EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

1 MALE  
 2 FEMALE

NAME	SIZE	DESCRIPTION	LOCATION
PEAFEVER	2	DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES?  <u>EDITED UNIVERSE:</u> PRTAGE >=17  <u>VALID ENTRIES</u>  1 YES 2 NO	131 - 132
FILLER	2	Starting August 2005	133 - 134
PEAFNOW	2	ARE YOU NOW IN THE ARMED FORCES  <u>EDITED UNIVERSE:</u> PRPERTYP = 2 or 3  <u>VALID ENTRIES</u>  1 YES 2 NO	135 - 136
PEEDUCA	2	HIGHEST LEVEL OF SCHOOL COMPLETED OR DEGREE RECEIVED  <u>EDITED UNIVERSE:</u> PRPERTYP = 2 OR 3  <u>VALID ENTRIES</u>  31 LESS THAN 1ST GRADE 32 1ST, 2ND, 3RD OR 4TH GRADE 33 5TH OR 6TH GRADE 34 7TH OR 8TH GRADE 35 9TH GRADE 36 10TH GRADE 37 11TH GRADE 38 12TH GRADE NO DIPLOMA 39 HIGH SCHOOL GRAD-DIPLOMA OR EQUIV (GED) 40 SOME COLLEGE BUT NO DEGREE 41 ASSOCIATE DEGREE-OCCUPATIONAL/VOCATIONAL 42 ASSOCIATE DEGREE-ACADEMIC PROGRAM 43 BACHELOR'S DEGREE (EX: BA, AB, BS) 44 MASTER'S DEGREE (EX: MA, MS, MEng, MEd, MSW) 45 PROFESSIONAL SCHOOL DEG (EX: MD, DDS, DVM) 46 DOCTORATE DEGREE (EX: PhD, EdD)	137 - 138

NAME	SIZE	DESCRIPTION	LOCATION
PTDTRACE	2	RACE	139 – 140
		EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3	
		<u>VALID ENTRIES</u>	
		01 White Only	
		02 Black Only	
		03 American Indian, Alaskan Native Only	
		04 Asian Only	
		05 Hawaiian/Pacific Islander Only	
		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

NAME	SIZE	DESCRIPTION	LOCATION
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**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

PUCHINHH	2	CHANGE IN HOUSEHOLD COMPOSITION	143 – 144
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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
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PULINENO	2	PERSON'S LINE NUMBER	147 – 148
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VALID ENTRIES

- 01 MIN VALUE
- 99 MAX VALUE

FILLER	2		149 - 150
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PRFAMNUM	2	FAMILY NUMBER RECODE	151 - 152
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EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

NAME	SIZE	DESCRIPTION	LOCATION
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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
- 16 SUBFAMILY NO. 16 MEMBER
- 17 SUBFAMILY NO. 17 MEMBER
- 18 SUBFAMILY NO. 18 MEMBER
- 19 SUBFAMILY NO. 19 MEMBER

PRFAMREL	2	FAMILY RELATIONSHIP RECODE	153 - 154
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EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

- 0 NOT A FAMILY MEMBER
- 1 REFERENCE PERSON
- 2 SPOUSE
- 3 CHILD
- 4 OTHER RELATIVE (PRIMARY FAMILY & UNREL)

PRFAMTYP	2	FAMILY TYPE RECODE	155 - 156
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EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 PRIMARY FAMILY
- 2 PRIMARY INDIVIDUAL
- 3 RELATED SUBFAMILY
- 4 UNRELATED SUBFAMILY
- 5 SECONDARY INDIVIDUAL

PEHSPNON	2	HISPANIC OR NON-HISPANIC	157 - 158
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EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

- 1 HISPANIC
- 2 NON-HISPANIC

PRMARSTA	2	MARITAL STATUS BASED ON ARMED FORCES PARTICIPATION	159 - 160
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EDITED UNIVERSE: PRPERTYP = 2 OR 3

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
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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
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EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3



NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

057 UNITED STATES  
 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
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EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

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

PEFNTVTY	3	FATHER'S COUNTRY OF BIRTH	169 - 171
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EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

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

PRCITSHP	2	CITIZENSHIP STATUS	172 - 173
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EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 NATIVE, BORN IN THE UNITED STATES
- 2 NATIVE, BORN IN PUERTO RICO OR OTHER U.S. ISLAND AREAS
- 3 NATIVE, BORN ABROAD OF AMERICAN PARENT OR PARENTS
- 4 FOREIGN BORN, U.S. CITIZEN BY NATURALIZATION
- 5 FOREIGN BORN, NOT A CITIZEN OF THE UNITED STATES

PRCITFLG	2	CITIZENSHIP ALLOCATION FLAG	174 - 175
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EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

Placed in this position because naming convention is different from all other allocation flags.

PRINUSYR	2	IMMIGRANT'S YEAR OF ENTRY	176 - 177
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EDITED UNIVERSE: PRCITSHP = 2, 3, 4, OR 5

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

NAME	SIZE	DESCRIPTION	LOCATION
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23 2012-2015

**A4. PERSONS INFORMATION LABOR FORCE ITEMS**

PUSLFPRX	2	LABOR FORCE INFORMATION COLLECTED BY SELF OR PROXY RESPONSE	178 - 179
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VALID ENTRIES

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

PEMLR	2	MONTHLY LABOR FORCE RECODE	180 - 181
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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
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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
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NAME	SIZE	DESCRIPTION	LOCATION
		<u>VALID ENTRIES</u>	
		1 YES 2 NO	
PUBUS2OT	2	DO YOU RECEIVE ANY PAYMENTS OR PROFITS FROM THE BUSINESS?	186 - 187
		<u>VALID ENTRIES</u>	
		1 YES 2 NO	
PUBUSCK1	2	CHECK ITEM 1 FILTER FOR QUESTIONS ON UNPAID WORK	188 - 189
		<u>VALID ENTRIES</u>	
		1 GOTO PUBUS1 2 GOTO PURETCK1	
PUBUSCK2	2	CHECK ITEM 2 SKIPS OWNERS OF FAMILY BUSINES WHO DID NOT WORK LAST WEEK	190 - 191
		<u>VALID ENTRIES</u>	
		1 GOTO PUHRUSL1 2 GOTO PUBUS2	
PUBUSCK3	2	CHECK ITEM 3	192 - 193
		<u>VALID ENTRIES</u>	
		1 GOTO PUABSRSN 2 GOTO PULAY	
PUBUSCK4	2	CHECK ITEM 4	194 - 195
		<u>VALID ENTRIES</u>	
		1 GOTO PUHRUSL1 2 GOTO PUABSPD	
PURETOT	2	RETIREMENT STATUS (LAST MONTH YOU WERE REPORTED TO BE RETIRED, ARE YOU STILL RETIRED THIS MONTH?)	196 - 197

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 YES
- 2 NO
- 3 WAS NOT RETIRED LAST MONTH

PUDIS	2	DISABILITY STATUS (LAST MONTH YOU WERE REPORTED TO HAVE A DISABILITY.) DOES YOUR DISABILITY CONTINUE TO PREVENT YOU FROM DOING ANY KIND OF WORK FOR THE NEXT 6 MONTHS?	198 - 199
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VALID ENTRIES

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

PERET1	2	DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART-TIME?	200 - 201
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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 ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS?	202 - 203
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VALID ENTRIES

- 1 YES
- 2 NO

PUDIS2	2	DO YOU HAVE A DISABILITY THAT PREVENTS YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS?	204 - 205
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NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 YES
- 2 NO

PUABSOT	2	LAST WEEK DID YOU HAVE A JOB EITHER FULL OR PART-TIME?	206 - 207
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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
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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
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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)

NAME	SIZE	DESCRIPTION	LOCATION
PEABSPDO	2	ARE YOU BEING PAID BY YOUR EMPLOYER FOR ANY OF THE TIME OFF LAST WEEK?  EDITED UNIVERSE: PEABSRSN = 4-12, 14  <u>VALID ENTRIES</u>  1 YES 2 NO	212 - 213
PEMJOT	2	DO YOU HAVE MORE THAN ONE JOB?  EDITED UNIVERSE: PEMLR = 1, 2  <u>VALID ENTRIES</u>  1 YES 2 NO	214 - 215
PEMJNUM	2	ALTOGETHER, HOW MANY JOBS DID YOU HAVE?  EDITED UNIVERSE: PEMJOT = 1  <u>VALID ENTRIES</u>  2 2 JOBS 3 3 JOBS 4 4 OR MORE JOBS	216 - 217
PEHRUSL1	2	HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR MAIN JOB?  EDITED UNIVERSE: PEMJOT = 1 OR 2 AND PEMLR = 1 OR 2  <u>VALID ENTRIES</u>  -4 HOURS VARY 0 MIN VALUE 99 MAX VALUE	218 - 219
PEHRUSL2	2	HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR OTHER (JOB/JOBS)?	220 - 221

NAME	SIZE	DESCRIPTION	LOCATION
		EDITED UNIVERSE: PEMJOT = 1 AND PEMLR = 1 OR 2	
		<u>VALID ENTRIES</u>	
		-4 HOURS VARY	
		0 MIN VALUE	
		99 MAX VALUE	
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 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)	



NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 SLACK WORK/BUSINESS CONDITIONS
- 2 COULD ONLY FIND PART-TIME WORK
- 3 SEASONAL WORK
- 4 CHILD CARE PROBLEMS
- 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
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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
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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

NAME	SIZE	DESCRIPTION	LOCATION
		9 LABOR DISPUTE 10 WEATHER AFFECTED JOB 11 SCHOOL/TRAINING 12 CIVIC/MILITARY DUTY 13 OTHER REASON	
PUHROFF1	2	LAST WEEK, DID YOU LOSE OR TAKE OFF ANY HOURS FROM YOUR JOB, FOR ANY REASON SUCH AS ILLNESS, SLACK WORK, VACATION, OR HOLIDAY?  <u>VALID ENTRIES</u>  1 YES 2 NO	235 - 236
PUHROFF2	2	HOW MANY HOURS DID YOU TAKE OFF?  <u>VALID ENTRIES</u>  0 MIN VALUE 99 MAX VALUE	237 - 238
PUHROT1	2	LAST WEEK, DID YOU WORK ANY OVERTIME OR EXTRA HOURS (AT YOUR MAIN JOB) THAT YOU DO NOT USUALLY WORK?  <u>VALID ENTRIES</u>  1 YES 2 NO	239 - 240
PUHROT2	2	HOW MANY ADDITIONAL HOURS DID YOU WORK?  <u>VALID ENTRIES</u>  0 MIN VALUE 99 MAX VALUE	241 - 242
PEHRACT1	2	LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR JOB?  EDITED UNIVERSE: PEMLR = 1	243 - 244

NAME	SIZE	DESCRIPTION	LOCATION
		<u>VALID ENTRIES</u>	
		0 MIN VALUE 99 MAX VALUE	
PEHRACT2	2	LAST WEEK, HOW MANY HOURS DID 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 FULL-TIME IF THE HOURS HAD BEEN AVAILABLE?	250 - 251
		EDITED UNIVERSE: PEHRACTT = 1-34 (PEMLR = 1 AND 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	

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK2	2	CHECK ITEM 2 SKIPS PERSONS RESPONDING YES TO HRFTPT OUT OF PT SERIES  <u>VALID ENTRIES</u>  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	259 - 260
PUHRCK3	2	CHECK ITEM 3  <u>VALID ENTRIES</u>  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	261 - 262
PUHRCK4	2	CHECK ITEM 4	263 - 264

NAME	SIZE	DESCRIPTION	LOCATION
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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
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VALID ENTRIES

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

PUHRCK6	2	CHECK ITEM 6	267 - 268
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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
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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
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NAME	SIZE	DESCRIPTION	LOCATION
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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 TO RETURN TO WORK?	273 - 274
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VALID ENTRIES

- 1 YES
- 2 NO

PULAY6M	2	HAVE YOU BEEN GIVEN ANY INDICATION THAT YOU WILL BE RECALLED TO WORK WITHIN THE NEXT 6 MONTHS?	275 - 276
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VALID ENTRIES

- 1 YES
- 2 NO

PELAYAVL	2	COULD YOU HAVE RETURNED TO WORK LAST WEEK IF YOU HAD BEEN RECALLED?	277 - 278
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EDITED UNIVERSE: PEMLR = 3

VALID ENTRIES

- 1 YES
- 2 NO

PULAYAVR	2	WHY IS THAT?	279 - 280
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VALID ENTRIES

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

PELAYLK	2	EVEN THOUGH YOU ARE TO BE CALLED BACK TO WORK, HAVE YOU BEEN LOOKING FOR WORK DURING THE LAST 4 WEEKS.	281 - 282
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NAME	SIZE	DESCRIPTION	LOCATION
		EDITED UNIVERSE: PELAYAVL= 1, 2	
		<u>VALID ENTRIES</u>	
		1 YES	
		2 NO	
PELAYDUR	3	DURATION OF LAYOFF	283 - 285
		EDITED UNIVERSE: PELAYLK = 1, 2	
		<u>VALID ENTRIES</u>	
		01-51 Weeks on layoff	
		52 52 weeks or more	
		Topcoded at 52 weeks starting April 2011	
PELAYFTO	2	FT/PT STATUS OF JOB FROM WHICH SAMPLE PERSON WAS ON LAYOFF FROM	286 - 287
		EDITED UNIVERSE: PELAYDUR = 0-120	
		<u>VALID ENTRIES</u>	
		1 YES	
		2 NO	
PULAYCK1	2	CHECK ITEM 1	288 - 289
		<u>VALID ENTRIES</u>	
		1 GOTO PULAYCK3	
		2 GOTO PULAYFT	
		3 GOTO PULAYDR	
PULAYCK2	2	CHECK ITEM 2 SCREEN FOR DEPENDENT LAYOFF	290 - 291
		<u>VALID ENTRIES</u>	
		1 GOTO PULAYDR3	
		2 GOTO PULAYFT	

NAME	SIZE	DESCRIPTION	LOCATION
PULAYCK3	2	CHECK ITEM 3 FILTER FOR DEPENDENT I & O  <u>VALID ENTRIES</u>  1 MISCK = 5 GOTO IO1INT 2 I-ICR = 1 OR I-OCR = 1, GOTO IO1INT 3 ALL OTHERS GOTO SCHCK	292 - 293
PULK	2	HAVE YOU BEEN DOING ANYTHING TO FIND WORK DURING THE LAST 4 WEEKS?  <u>VALID ENTRIES</u>  1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	294 - 295
PELKM1	2	WHAT ARE ALL OF THE THINGS YOU HAVE DONE TO FIND WORK DURING THE LAST 4 WEEKS? (FIRST METHOD)  EDITED UNIVERSE: PEMLR = 4  <u>VALID ENTRIES</u>  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	296 - 297
PULKM2	2	ANYTHING ELSE? (SECOND METHOD)	298 - 299



NAME	SIZE	DESCRIPTION	LOCATION
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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

PULKM3	2	SAME AS PULKM2 (THIRD METHOD)	300 - 301
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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

PULKM4	2	SAME AS PULKM2 (FOURTH METHOD)	302 - 303
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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 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
		<u>VALID ENTRIES</u>	
		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	
PULKM6	2	SAME AS PULKM2 (SIXTH METHOD)	306 - 307
		<u>VALID ENTRIES</u>	
		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 FIND WORK. HOW DID YOU GO ABOUT LOOKING? (FIRST METHOD)	308 - 309

NAME	SIZE	DESCRIPTION	LOCATION
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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
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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

PULKDK3	2	SAME AS PULKDK2 (THIRD METHOD)	312 - 313
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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 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
PULKDK4	2	SAME AS PULKDK2 (FOURTH METHOD)	314 - 315
		<u>VALID ENTRIES</u>	
		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	
PULKDK5	2	SAME AS PULKDK2 (FIFTH METHOD)	316 - 317
		<u>VALID ENTRIES</u>	
		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

NAME	SIZE	DESCRIPTION	LOCATION
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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 DID TO SEARCH FOR WORK? (FIRST METHOD)	320 - 321
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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

PULKPS2	2	ANYTHING ELSE? (SECOND METHOD)	322 - 323
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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

NAME	SIZE	DESCRIPTION	LOCATION
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- 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

PULKPS3	2	SAME AS PULKPS2 (THIRD METHOD)	324 - 325
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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

PULKPS4	2	SAME AS PULKPS2 (FOURTH METHOD)	326 - 327
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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
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NAME	SIZE	DESCRIPTION	LOCATION
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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
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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

PELKAVL	2	LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED?	332 - 333
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EDITED UNIVERSE: PELKM1 = 1 - 13

VALID ENTRIES

- 1 YES
- 2 NO

PULKAVR	2	WHY IS THAT?	334 - 335
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NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 WAITING FOR NEW JOB TO BEGIN
- 2 OWN TEMPORARY ILLNESS
- 3 GOING TO SCHOOL
- 4 OTHER - SPECIFY

PELKLL10	2	BEFORE YOU STARTED LOOKING FOR WORK, WHAT WERE YOU DOING: WORKING, GOING TO SCHOOL, OR SOMETHING ELSE?	336 - 337
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EDITED UNIVERSE: PELKAVL = 1-2

VALID ENTRIES

- 1 WORKING
- 2 SCHOOL
- 3 LEFT MILITARY SERVICE
- 4 SOMETHING ELSE

PELKLL20	2	DID YOU LOSE OR QUIT THAT JOB, OR WAS IT A TEMPORARY JOB THAT ENDED?	338 - 339
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EDITED UNIVERSE: PELKLL10 = 1 OR 3

VALID ENTRIES

- 1 LOST JOB
- 2 QUIT JOB
- 3 TEMPORARY JOB ENDED

PELKLWO	2	WHEN LAST WORKED	340 - 341
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EDITED UNIVERSE: PELKLL10 = 1 - 4

VALID ENTRIES

- 1 WITHIN THE LAST 12 MONTHS
- 2 MORE THAN 12 MONTHS AGO
- 3 NEVER WORKED

PELKDUR	3	DURATION OF JOB SEEKING	342 - 344
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EDITED UNIVERSE: PELKLWO = 1 - 3



NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

0-118 Weeks looking for work  
 119 119 or more weeks looking

Topcoded at 119 weeks starting April 2011

PELKFTO	2	FT/PT STATUS OF JOBSEEKER	345 - 346
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EDITED UNIVERSE: PELKDUR = 0-120

VALID ENTRIES

- 1 YES
- 2 NO
- 3 DOESN'T MATTER

PEDWWNT0	2	DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART TIME?	347 - 348
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EDITED UNIVERSE: PUDWCK1 = 3, 4, -1

VALID ENTRIES

- 1 YES, OR MAYBE, IT DEPENDS
- 2 NO
- 3 RETIRED
- 4 DISABLED
- 5 UNABLE

PEDWRSN	2	WHAT IS THE MAIN REASON YOU WERE NOT LOOKING FOR WORK DURING THE LAST 4 WEEKS?	349 - 350
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EDITED UNIVERSE: PUDWCK4 = 4, -1

VALID ENTRIES

- 1 BELIEVES NO WORK AVAILABLE IN AREA OF EXPERTISE
- 2 COULDN'T FIND ANY WORK
- 3 LACKS NECESSARY SCHOOLING/TRAINING
- 4 EMPLOYERS THINK TOO YOUNG OR TOO OLD
- 5 OTHER TYPES OF DISCRIMINATION
- 6 CAN'T ARRANGE CHILD CARE
- 7 FAMILY RESPONSIBILITIES

NAME	SIZE	DESCRIPTION	LOCATION
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- 8 IN SCHOOL OR OTHER TRAINING
- 9 ILL-HEALTH, PHYSICAL DISABILITY
- 10 TRANSPORTATION PROBLEMS
- 11 OTHER - SPECIFY

PEDWLKO	2	DID YOU LOOK FOR WORK AT ANY TIME IN THE LAST 12 MONTHS	351 - 352
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EDITED UNIVERSE: (PUDWCK4 = 1-3) or (PEDWRSN = 1-11)

VALID ENTRIES

- 1 YES
- 2 NO

PEDWWK	2	DID YOU ACTUALLY WORK AT A JOB OR BUSINESS DURING THE LAST 12 MONTHS?	353 - 354
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EDITED UNIVERSE: PEDWLKO = 1

VALID ENTRIES

- 1 YES
- 2 NO

PEDW4WK	2	DID YOU DO ANY OF THIS WORK DURING THE LAST 4 WEEKS?	355 - 356
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EDITED UNIVERSE: PEDWWK = 1

VALID ENTRIES

- 1 YES
- 2 NO

PEDWLKWK 2	2	SINCE YOU LEFT THAT JOB OR BUSINESS HAVE YOU LOOKED FOR WORK?	357 - 358
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EDITED UNIVERSE: PEDW4WK = 2

VALID ENTRIES

- 1 YES
- 2 NO

NAME	SIZE	DESCRIPTION	LOCATION
PEDWAVL	2	<p>LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED?</p> <p>EDITED UNIVERSE: (PEDWWK = 2) or (PEDWLKWK = 1)</p> <p><u>VALID ENTRIES</u></p> <p>1 YES 2 NO</p>	359 - 360
PEDWAVR	2	<p>WHY IS THAT?</p> <p>EDITED UNIVERSE: PEDWAVL = 2</p> <p><u>VALID ENTRIES</u></p> <p>1 OWN TEMPORARY ILLNESS 2 GOING TO SCHOOL 3 OTHER</p>	361 - 362
PUDWCK1	2	<p>SCREEN FOR DISCOURAGED WORKERS</p> <p><u>VALID ENTRIES</u></p> <p>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</p>	363 - 364
PUDWCK2	2	<p>SCREEN FOR DISABLED</p> <p><u>VALID ENTRIES</u></p> <p>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</p>	365 - 366
PUDWCK3	2	<p>FILTER FOR RETIRED</p> <p><u>VALID ENTRIES</u></p> <p>1 IF AGERNG EQUALS 1-4 OR 9 GOTO PUDWCK4 2 ALL OTHERS GOTO PUNLFCK2</p>	367 - 368

NAME	SIZE	DESCRIPTION	LOCATION
PUDWCK4	2	FILTER FOR PASSIVE JOB SEEKERS	369 - 370
		<u>VALID ENTRIES</u>	
		1 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKM1-LKM3 GOTO PUDWCK5	
		2 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKDK1-LKDK3 GOTO PUDWCK5	
		3 IF ENTRY OF 10 AND/OR 11 AND/OR 13 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 IN DWLKO AND GOTO PUDWWK	
		2 ALL OTHERS GOTO PUDWLK	
PEJHWKO	2	HAVE YOU WORKED AT A JOB OR BUSINESS 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	
PUJHDP10	2	DID YOU DO ANY OF THIS WORK IN THE LAST 4 WEEKS?	375 - 376
		<u>VALID ENTRIES</u>	
		1 YES	
		2 NO	
PEJHRSN	2	WHAT IS THE MAIN REASON YOU LEFT YOUR LAST JOB?	377 - 378
		EDITED UNIVERSE: PEJHWKO = 1	

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 PERSONAL/FAMILY (INCLUDING PREGNANCY)
- 2 RETURN TO SCHOOL
- 3 HEALTH
- 4 RETIREMENT OR OLD AGE
- 5 TEMP, SEASONAL OR INTERMITTENT JOB COMPLETE
- 6 SLACK WORK/BUSINESS CONDITIONS
- 7 UNSATISFACTORY WORK ARRANGEMENTS (HRS, PAY, ETC.)
- 8 OTHER - SPECIFY

PEJHWANT	2	DO YOU INTEND TO LOOK FOR WORK DURING THE NEXT 12 MONTHS?	379 - 380
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EDITED UNIVERSE: (PEJHWKO = 2) or (PEJHRSN = 1-8)

VALID ENTRIES

- 1 YES, OR IT DEPENDS
- 2 NO

PUJHCK1	2	FILTER FOR OUTGOING ROTATIONS	381 - 382
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VALID ENTRIES

- 1 PURET1 = 1, -2, OR -3  
THEN GOTO NLFCK2
- 2 IF MISCK EQUALS 4 OR 8  
THEN GOTO PUJHCK2
- 3 ALL OTHERS GOTO PUNLFCK1

PUJHCK2	2	FILTER FOR PERSONS GOING THROUGH THE I AND O SERIES	383 - 384
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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 PUJHRSN
- 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
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NAME	SIZE	DESCRIPTION	LOCATION
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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
- 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

NAME	SIZE	DESCRIPTION	LOCATION
PRCIVLF	2	CIVILIAN LABOR FORCE  EDITED UNIVERSE: PEMLR = 1-7  <u>VALID ENTRIES</u>  01 IN CIVILIAN LABOR FORCE 02 NOT IN CIVILIAN LABOR FORCE	387 - 388
PRDISC	2	DISCOURAGED WORKER RECODE  EDITED UNIVERSE: PRJOBSEA = 1-4  <u>VALID ENTRIES</u>  1 DISCOURAGED WORKER 2 CONDITIONALLY INTERESTED 3 NOT AVAILABLE	389 - 390
PREMPHRS	2	REASON NOT AT WORK OR HOURS AT WORK  EDITED UNIVERSE: PEMLR = 1-7  <u>VALID ENTRIES</u>  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 11 W/JOB, NOT AT WORK-OTHER 12 AT WORK- 1-4 HRS 13 AT WORK- 5-14 HRS 14 AT WORK- 15-21 HRS 15 AT WORK- 22-29 HRS 16 AT WORK- 30-34 HRS 17 AT WORK- 35-39 HRS 18 AT WORK- 40 HRS	391 - 392

NAME	SIZE	DESCRIPTION	LOCATION
		19 AT WORK- 41-47 HRS 20 AT WORK- 48 HRS 21 AT WORK- 49-59 HRS 22 AT WORK- 60 HRS OR MORE	
PREMPNOT	2	MLR - EMPLOYED, UNEMPLOYED, OR NILF  EDITED UNIVERSE: PEMLR = 1-7  <u>VALID ENTRIES</u>  1 EMPLOYED 2 UNEMPLOYED 3 NOT IN LABOR FORCE (NILF)-discouraged 4 NOT IN LABOR FORCE (NILF)-other	393 - 394
PREXPLF	2	EXPERIENCED LABOR FORCE EMPLOYMENT  EDITED UNIVERSE: PEMLR = 1-4 AND PELKLWO ne 3  <u>VALID ENTRIES</u>  1 EMPLOYED 2 UNEMPLOYED	395 - 396
PRFTLF	2	FULL TIME LABOR FORCE  EDITED UNIVERSE: PEMLR = 1-4  <u>VALID ENTRIES</u>  1 FULL TIME LABOR FORCE 2 PART TIME LABOR FORCE	397 - 398
PRHRUSL	2	USUAL HOURS WORKED WEEKLY  EDITED UNIVERSE: PEMLR = 1-2  <u>VALID ENTRIES</u>  1 0-20 HRS 2 21-34 HRS 3 35-39 HRS 4 40 HRS	399 - 400



NAME	SIZE	DESCRIPTION	LOCATION
		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	
		<u>VALID ENTRIES</u>	
		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	
		<u>VALID ENTRIES</u>	
		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	
PRPTREA	2	DETAILED REASON FOR PART-TIME	405 - 406
		EDITED UNIVERSE: PEMLR = 1 AND (PEHRUSLT = 0-34 OR PEHRACTT = 1-34)	

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 USU. FT-SLACK WORK/BUSINESS CONDITIONS
- 2 USU. FT-SEASONAL WORK
- 3 USU. FT-JOB STARTED/ENDED DURING WEEK
- 4 USU. FT-VACATION/PERSONAL DAY
- 5 USU. FT-OWN ILLNESS/INJURY/MEDICAL APPOINTMENT
- 6 USU. FT-HOLIDAY (RELIGIOUS OR LEGAL)
- 7 USU. FT-CHILD CARE PROBLEMS
- 8 USU. FT-OTHER FAM/PERS OBLIGATIONS
- 9 USU. FT-LABOR DISPUTE
- 10 USU. FT-WEATHER AFFECTED JOB
- 11 USU. FT-SCHOOL/TRAINING
- 12 USU. FT-CIVIC/MILITARY DUTY
- 13 USU. FT-OTHER REASON
- 14 USU. PT-SLACK WORK/BUSINESS CONDITIONS
- 15 USU. PT-COULD ONLY FIND PT WORK
- 16 USU. PT-SEASONAL WORK
- 17 USU. PT-CHILD CARE PROBLEMS
- 18 USU. PT-OTHER FAM/PERS OBLIGATIONS
- 19 USU. PT-HEALTH/MEDICAL LIMITATIONS
- 20 USU. PT-SCHOOL/TRAINING
- 21 USU. PT-RETIRED/S.S. LIMIT ON EARNINGS
- 22 USU. PT-WORKWEEK <35 HOURS
- 23 USU. PT-OTHER REASON

PRUNEDUR	3	DURATION OF UNEMPLOYMENT FOR LAYOFF AND LOOKING RECORDS	407 - 409
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EDITED UNIVERSE: PEMLR = 3-4

VALID ENTRIES

- 0 MIN VALUE
- 119 MAX VALUE

Topcoded consistent with PELAYDUR or PELKDUR, as appropriate, starting April 2011.

FILLER	2		410 - 411
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PRUNTYPE	2	REASON FOR UNEMPLOYMENT	412 - 413
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EDITED UNIVERSE: PEMLR = 3-4

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 JOB LOSER/ON LAYOFF
- 2 OTHER JOB LOSER
- 3 TEMPORARY JOB ENDED
- 4 JOB LEAVER
- 5 RE-ENTRANT
- 6 NEW-ENTRANT

PRWKSCH	2	LABOR FORCE BY TIME WORKED OR LOST	414 - 415
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EDITED UNIVERSE: PEMLR = 1 - 7

VALID ENTRIES

- 0 NOT IN LABOR FORCE
- 1 AT WORK
- 2 WITH JOB, NOT AT WORK
- 3 UNEMPLOYED, SEEKS FT
- 4 UNEMPLOYED, SEEKS PT

PRWKSTAT	2	FULL/PART-TIME WORK STATUS	416 - 417
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EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

- 1 NOT IN LABOR FORCE
- 2 FT HOURS (35+), USUALLY FT
- 3 PT FOR ECONOMIC REASONS, USUALLY FT
- 4 PT FOR NON-ECONOMIC REASONS, USUALLY FT
- 5 NOT AT WORK, USUALLY FT
- 6 PT HRS, USUALLY PT FOR ECONOMIC REASONS
- 7 PT HRS, USUALLY PT FOR NON-ECONOMIC REASONS
- 8 FT HOURS, USUALLY PT FOR ECONOMIC REASONS
- 9 FT HOURS, USUALLY PT FOR NON-ECONOMIC
- 10 NOT AT WORK, USUALLY PART-TIME
- 11 UNEMPLOYED FT
- 12 UNEMPLOYED PT

PRWNTJOB	2	NILF RECODE - WANT A JOB OR OTHER NILF	418 - 419
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EDITED UNIVERSE: PEMLR = 5-7

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 WANT A JOB
- 2 OTHER NOT IN LABOR FORCE

PUJHCK3	2	JOB HISTORY CHECK ITEM	420 - 421
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VALID ENTRIES

- 1 IF I-MLR EQ 3 OR 4 THEN GOTO PUJHDP1
- 2 ALL OTHERS GOTO PUJHRN

PUJHCK4	2	SCREEN FOR DEPENDENT NILF	422 - 423
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VALID ENTRIES

- 1 IF ENTRY OF 2, D OR R IN PUDW4WK OR IN PUJHDP10 THEN GOTO PUJHCK5
- 2 IF ENTRY OF 1 IN PUDW4WK OR IN PUJHDP10 THEN GOTO PUIO1INT
- 3 IF I-MLR EQUALS 1 OR 2 AND ENTRY IN PUJHRN THEN GOTO PUJHCK5
- 4 IF ENTRY IN PUJHRN THEN GOTO PUIO1INT
- 5 ALL OTHERS GOTO PUNLFCK1

PUJHCK5	2	SCREEN FOR DEPENDENT NILF	424 - 425
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VALID ENTRIES

- 1 IF I-IO1ICR EQUALS 1 OR I-IO1OCR EQUALS 1 THEN GOTO PUIO1INT
- 2 ALL OTHERS GOTO PUIOCK5

PUIODP1	2	LAST MONTH, IT WAS REPORTED THAT YOU WORKED FOR (EMPLOYER'S NAME). DO STILL WORK FOR (EMPLOYER'S NAME) (AT YOUR MAIN JOB)?	426 - 427
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VALID ENTRIES

- 1 YES
- 2 NO

PUIODP2	2	HAVE THE USUAL ACTIVITIES AND DUTIES OF YOUR JOB CHANGED SINCE LAST MONTH?	428 - 429
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NAME	SIZE	DESCRIPTION	LOCATION
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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
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VALID ENTRIES

- 1 YES
- 2 NO

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

PUIO1MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE?	434 - 435
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NAME	SIZE	DESCRIPTION	LOCATION
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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
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PEIO2COW	2	INDIVIDUAL CLASS OF WORKER ON SECOND JOB.	442 - 443
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NOTE: FOR THOSE SELF-EMPLOYED UNINCORPORATED ON THEIR FIRST JOB, THIS SHOULD HAVE A RESPONSE EVERY MONTH. FOR ALL OTHERS, THIS SHOULD ONLY HAVE A VALUE IN OUT-GOING ROTATIONS.

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 MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE?	444 - 445
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VALID ENTRIES

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

PADDING	6	Second Job I & O codes moved to columns 864 - 871	446 - 451
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PUIOCK1	2	I & O CHECK ITEM 1 SCREEN FOR DEPENDENT I AND O	452 - 453
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NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 IF {MISCK EQ 1 OR 5)  
OR MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7)  
AND ENTRY OF 1 IN ABS} THEN GOTO PUIO1INT
- 2 IF (MISCK EQ 1 OR 5)  
OR {(MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7)  
AND ( ENTRY OF 1 IN WK OR HRCK7-C IS BLANK, 1-3)}  
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 SCREEN FOR PREVIOUS MONTHS I AND O CASES	454 - 455
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VALID ENTRIES

- 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
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VALID ENTRIES

- 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 ELIGIBILITY FLAG	458 - 459
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EDITED UNIVERSE: PEMLR = 1-3,  
OR (PEMLR = 4 AND PELKLWO = 1 OR 2)  
OR (PEMLR = 5 AND  
(PEJHWKO = 1 OR PENLFJH=1),  
OR (PEMLR = 6 AND PENLFJH = 1),  
OR PEMLR = 7 AND PEJHWKO = 1)

VALID ENTRIES

- 0 NOT ELIGIBLE FOR EDIT
- 1 ELIGIBLE FOR EDIT

NAME	SIZE	DESCRIPTION	LOCATION
PRAGNA	2	AGRICULTURE/ NON-AGRICULTURE INDUSTRY	460 - 461
		EDITED UNIVERSE: PRIOELG = 1	
		<u>VALID ENTRIES</u>	
		1 AGRICULTURAL	
		2 NON-AGRICULTURAL	
PRCOW1	2	CLASS OF WORKER RECODE - JOB 1	462 - 463
		EDITED UNIVERSE: PRIOELG = 1	
		<u>VALID ENTRIES</u>	
		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 RECODE - JOB 2	464 - 465
		EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8	
		<u>VALID ENTRIES</u>	
		1 FEDERAL GOVT	
		2 STATE GOVT	
		3 LOCAL GOVT	
		4 PRIVATE (INCL. SELF-EMPLOYED INCORP.)	
		5 SELF-EMPLOYED, UNINCORP.	
		6 WITHOUT PAY	
PRCOWPG	2	COW - PRIVATE OR GOVERNMENT	466 - 467
		EDITED UNIVERSE: PEIO1COW = 1 - 5	



NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 PRIVATE
- 2 GOVERNMENT

PRDTCOW1	2	DETAILED CLASS OF WORKER RECODE - JOB 1	468 - 469
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EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

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

VALID ENTRIES

- 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

PRDTIND1	2	DETAILED INDUSTRY RECODE - JOB 1	472 - 473
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EDITED UNIVERSE: PRIOELG = 1

NAME	SIZE	DESCRIPTION	LOCATION
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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
- 37 Management of companies and enterprises
- 38 Administrative and support services
- 39 Waste management and remediation services
- 40 Educational services

NAME	SIZE	DESCRIPTION	LOCATION
		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	
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	
		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	

NAME	SIZE	DESCRIPTION	LOCATION
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- 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
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EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

- 1 Management occupations
- 2 Business and financial operations occupations
- 3 Computer and mathematical science occupations
- 4 Architecture and engineering occupations
- 5 Life, physical, and social science occupations
- 6 Community and social service occupations

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

NAME	SIZE	DESCRIPTION	LOCATION
		17 Office and administrative support occupations 18 Farming, fishing, and forestry occupations 19 Construction and extraction occupations 20 Installation, maintenance, and repair occupations 21 Production occupations 22 Transportation and material moving occupations 23 Armed Forces	
PREMP	2	EMPLOYED PERSONS (NON-FARM & NON-PRIVATE HHLD) RECODE  EDITED UNIVERSE: PEMLR = 1 OR 2 AND PEIO1OCD ne 403-407, 473-484  <u>VALID ENTRY</u>  1 EMPLOYED PERSONS (EXC. FARM & PRIV HH)	480 - 481
PRMJIND1	2	MAJOR INDUSTRY RECODE - JOB 1  EDITED UNIVERSE: PRDTIND1 = 1-51  <u>VALID ENTRIES</u>  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	482 - 483
PRMJIND2	2	MAJOR INDUSTRY RECODE - JOB 2  EDITED UNIVERSE: PRDTIND2 = 1-51	484 - 485

NAME	SIZE	DESCRIPTION	LOCATION
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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

PRMJOC1	2	MAJOR OCCUPATION RECODE - JOB 1	486 - 487
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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

PRMJOC2	2	MAJOR OCCUPATION RECODE - JOB 2	488 - 489
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EDITED UNIVERSE: PRDTOCC2 = 1-46

NAME	SIZE	DESCRIPTION	LOCATION
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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

PRMJOCGR	2	MAJOR OCCUPATION CATEGORIES	490 - 491
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EDITED UNIVERSE: PRMJOC = 1-11

VALID ENTRIES

- 1 Management, professional, and related occupations
- 2 Service occupations
- 3 Sales and office occupations
- 4 Farming, fishing, and forestry occupations
- 5 Construction, and maintenance occupations
- 6 Production, transportation, and material moving occupations
- 7 Armed Forces

PRNAGPWS	2	NON-AGRICULTURE, PRIVATE WAGE AND SALARY WORKERS RECODE	492 - 493
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EDITED UNIVERSE: PRCOW1 = 1 AND  
PEIO1ICD ne 0170 - 0890

VALID ENTRY

- 1 NON-AG PRIV WAGE & SALARY

PRNAGWS	2	NON-AGRICULTURE WAGE AND SALARY WORKERS RECODE	494 - 495
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EDITED UNIVERSE: PEMLR = 1-4  
AND PRCOW = 1-4  
AND PEIO1ICD ne 0170-0290



NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRY

		1 NON-AG WAGE AND SALARY WORKERS	
PR SJMJ		2 SINGLE/MULTIPLE JOBHOLDER RECODE	496 - 497
		EDITED UNIVERSE: PEMLR = 1 OR 2	

VALID ENTRIES

		1 SINGLE JOBHOLDER	
		2 MULTIPLE JOBHOLDER	
PR RELG	2	EARNINGS ELIGIBILITY FLAG	498 - 499
		EDITED UNIVERSE: PEMLR = 1-2 AND HRMIS = 4 OR 8	

VALID ENTRIES

		0 NOT ELIGIBLE FOR EDIT	
		1 ELIGIBLE FOR EDIT	
PE ERNUOT	2	DO YOU USUALLY RECEIVE OVERTIME PAY, TIPS, OR COMMISSIONS AT YOUR JOB?	500 - 501
		EDITED UNIVERSE: PR RELG = 1	

VALID ENTRIES

		1 YES	
		2 NO	

PE ERNPER	2	PERIODICITY	502 - 503
		EDITED UNIVERSE: PR RELG = 1	

VALID ENTRIES

		1 HOURLY	
		2 WEEKLY	
		3 BI-WEEKLY	
		4 TWICE MONTHLY	
		5 MONTHLY	
		6 ANNUALLY	
		7 OTHER – SPECIFY	

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

NAME	SIZE	DESCRIPTION	LOCATION
PEERNH1O	4	OUT VARIABLE FOR HOURLY RATE OF PAY (2 IMPLIED DECIMALS) EDITED UNIVERSE: PEERNPER = 1  <u>VALID ENTRIES</u>  0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)	516 - 519
PRERNHLY	4	RECODE FOR HOURLY RATE 2 IMPLIED DECIMALS  EDITED UNIVERSE: PEERNPER = 1 OR PEERNRT = 1  <u>VALID ENTRIES</u>  0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)	520 - 523
PTHR	1	HOURLY PAY - TOP CODE  <u>VALID ENTRIES</u>  0 NOT TOPCODED 1 TOPCODED	524 - 524
PEERNHRO	2	USUAL HOURS  EDITED UNIVERSE: PEERNH1O = ENTRY  <u>VALID ENTRIES</u>  0 MIN VALUE 99 MAX VALUE	525 - 526
PRERNWA	8	WEEKLY EARNINGS RECODE 2 IMPLIED DECIMALS  EDITED UNIVERSE: PRERELG = 1	527 - 534

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

0 MIN VALUE  
288461 MAX VALUE

PTWK	1	WEEKLY EARNINGS - TOP CODE	535 - 535
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0 NOT TOPCODED  
1 TOPCODED

FILLER	4		536 - 539
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PEERN	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS	540 - 547
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EDITED UNIVERSE: PEERNUOT = 1 AND PEERNPER = 1

VALID ENTRIES

0 MIN VALUE  
288461 MAX VALUE

PUERN2	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS	548 - 555
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VALID ENTRIES

0 MIN VALUE  
288461 MAX VALUE

PTOT	1	WEEKLY OVERTIME AMOUNT - TOP CODE	556 - 556
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VALID ENTRIES

0 NOT TOPCODED  
1 TOPCODED

FILLER	2		557 - 558
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PEERNWKP	2	HOW MANY WEEKS A YEAR DO YOU GET PAID FOR?	559 - 560
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EDITED UNIVERSE: PEERNPER = 6

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 01 MIN VALUE
- 52 MAX VALUE

PEERNLAB	2	ON THIS JOB, ARE YOU A MEMBER OF A LABOR UNION OR OF AN EMPLOYEE ASSOCIATION SIMILAR TO A UNION?	561 - 562
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EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8)

VALID ENTRIES

- 1 YES
- 2 NO

PEERNCOV	2	ON THIS JOB ARE YOU COVERED BY A UNION OR EMPLOYEE ASSOCIATION CONTRACT?	563 - 564
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EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8)

VALID ENTRIES

- 1 YES
- 2 NO

PENLFJH	2	WHEN DID YOU LAST WORK AT A JOB OR BUSINESS?	565 - 566
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EDITED UNIVERSE: HRMIS = 4 OR 8 AND PEMLR = 3-7

VALID ENTRIES

- 1 WITHIN THE LAST 12 MONTHS
- 2 MORE THAN 12 MONTHS AGO
- 3 NEVER WORKED

PENLFRET	2	ARE YOU RETIRED FROM A JOB OR BUSINESS?	567 - 568
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EDITED UNIVERSE: PRTAGE = 50+ AND PEMLR = 3-7

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 YES
- 2 NO

PENLFACT	2	WHAT BEST DESCRIBES YOUR SITUATION AT THIS TIME? FOR EXAMPLE, ARE YOU DISABLED, ILL, IN SCHOOL, TAKING CARE OF HOUSE OR FAMILY, OR SOMETHING ELSE?	569 - 570
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EDITED UNIVERSE: (PRTAGE = 14-49) or (PENLFRET = 2)

VALID ENTRIES

- 1 DISABLED
- 2 ILL
- 3 IN SCHOOL
- 4 TAKING CARE OF HOUSE OR FAMILY
- 5 IN RETIREMENT
- 6 SOMETHING ELSE/OTHER

PUNLFCK1	2	NOT IN LABOR FORCE CHECK ITEM - 1	571 - 572
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VALID ENTRIES

- 1 IF AGERNG EQUALS 1-4 OR 9  
THEN GOTO NLFACT
- 2 ALL OTHERS GOT NLFRET

PUNLFCK2	2	NOT IN LABOR FORCE CHECK ITEM - 2	573 - 574
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VALID ENTRIES

- 1 IF MISCK EQUALS 4 OR 8 THEN GOTO NLFJH
- 2 ALL OTHERS GOTO LBFR-END

PESCHENR	2	LAST WEEK, WERE YOU ENROLLED IN A HIGH SCHOOL, COLLEGE, OR UNIVERSITY?	575 - 576
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EDITED UNIVERSE: PRPERTYP = 2 and PRTAGE = 16-54

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

- 1 YES
- 2 NO

PESCHFT	2	ARE YOU ENROLLED IN SCHOOL AS A FULL-TIME OR PART-TIME STUDENT?	577 - 578
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EDITED UNIVERSE: PESCHLVL = 1, 2

VALID ENTRIES

- 1 FULL-TIME
- 2 PART-TIME

PESCHLVL	2	WOULD THAT BE HIGH SCHOOL, COLLEGE, OR UNIVERSITY?	579 - 580
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EDITED UNIVERSE: PESCHENR = 1

VALID ENTRIES

- 1 HIGH SCHOOL
- 2 COLLEGE OR UNIVERSITY

PRNLFSCH	2	NLF ACTIVITY - IN SCHOOL OR NOT IN SCHOOL	581 - 582
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EDITED UNIVERSE: PENLFACT = -1 OR 1-6 AND PRTAGE = 16-24

VALID ENTRIES

- 1 IN SCHOOL
- 2 NOT IN SCHOOL

PERSON'S WEIGHTS

PWFMWGT	10	FAMILY WEIGHT (4 IMPLIED DECIMALS) ONLY USED FOR TALLYING FAMILY CHARACTERISTICS.	583 - 592
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EDITED UNIVERSE: PRPERTYP = 1-3

NAME	SIZE	DESCRIPTION	LOCATION
PWLGWGT	10	LONGITUDINAL WEIGHT (4 IMPLIED DECIMALS) ONLY FOUND ON ADULT RECORDS MATCHED FROM MONTH TO MONTH. (USED FOR GROSS FLOWS ANALYSIS)  EDITED UNIVERSE: PRPERTYP = 2	593 - 602
PWORWGT	10	OUTGOING ROTATION WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING INFORMATION COLLECTED ONLY IN OUTGOING ROTATIONS (i.e., EARNINGS, 2nd JOB I & O, DETAILED NILF)  EDITED UNIVERSE: PRPERTYP = 2	603 - 612
PWSSWGT	10	FINAL WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR MOST TABULATIONS, CONTROLLED TO INDEPENDENT ESTIMATES FOR 1) STATES; 2) ORIGIN, SEX, AND AGE; AND 3) AGE, RACE, AND SEX.  EDITED UNIVERSE: PRPERTYP = 1-3	613 - 622
PWVETWGT	10	VETERANS WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING VETERAN'S DATA ONLY, CONTROLLED TO ESTIMATES OF VETERANS SUPPLIED BY VA.  EDITED UNIVERSE: PRPERTYP = 2	623 - 632
PRCHLD	2	PRESENCE OF OWN CHILDREN <18 YEARS OF AGE BY SELECTED AGE GROUP  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
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- 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
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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) ALLOCATION FLAG	
		EDITED UNIVERSE: PRERELG = 1	
		00 NO ALLOCATION	
		01 ONE OR MORE COMPONENTS OF THE RECODE ARE ALLOCATED	
PRHERNAL	2	ALLOCATION FLAG	641 - 642
		HOURLY EARNINGS RECODE (PRERNHLY) ALLOCATION FLAG	
		EDITED UNIVERSE: PRERNHRY = 1	
		00 NO ALLOCATION	
		01 ONE OR MORE COMPONENT OF THE RECODE ARE ALLOCATED	
HXTENURE	2	ALLOCATION FLAG See HETENURE note.	643 - 644
HXHOUSUT	2	ALLOCATION FLAG	645 - 646
HXTELHHD	2	ALLOCATION FLAG	647 - 648
HXTELAVL	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
PXABRSRN	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
PXLKLL10	2	ALLOCATION FLAG	733 - 734
PXLKLL20	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?  EDITED UNIVERSE = PEEDUCA = 39  <u>VALID ENTRIES</u>  1 Graduation from high school 2 GED or other equivalent	822 - 823
PEHGCOMP	2	What was the highest grade of regular school...completed before receiving...s GED?  EDITED UNIVERSE = PEDIPGED = 2  <u>VALID ENTRIES</u>  1 Less than 1st grade 2 1st, 2nd, 3rd, or 4th grade 3 5th or 6th grade 4 7th or 8th grade 5 9th grade	824 - 825

NAME	SIZE	DESCRIPTION	LOCATION
		6 10th grade 7 11th grade 8 12th grade (no diploma)	
PECYC	2	How many years of college credit has...completed?  EDITED UNIVERSE: PEEDUCA =40-42  <u>VALID ENTRIES</u>  1 Less than 1 year (includes 0 years completed) 2 The first or Freshman year 3 The second or Sophomore year 4 The third or Junior year 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 BLS's published labor force statistics (4 implied decimal places)  EDITED UNIVERSE: PRPERTYP = 2 AND PRTAGE = 16+	846 - 855
PEIO1ICD	4	INDUSTRY CODE FOR PRIMARY JOB  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)	856 - 859

NAME	SIZE	DESCRIPTION	LOCATION
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VALID ENTRIES

0        MIN VALUE  
 9999    MAX VALUE

PEIO1OCD	4	OCCUPATION CODE FOR PRIMARY JOB.	860 - 863
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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
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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
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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
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EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

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



NAME	SIZE	DESCRIPTION	LOCATION
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- 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 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
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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 MANAGEMENT SERVICES
- 15 EDUCATIONAL SERVICES
- 16 HEALTH CARE AND SOCIAL SERVICES

NAME	SIZE	DESCRIPTION	LOCATION
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- 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
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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
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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
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EDITED UNIVERSE: PEAFEVER = 1

NAME	SIZE	DESCRIPTION	LOCATION
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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
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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
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PELNAD	2	LINE NUMBER OF FATHER	886 - 887
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EDITED UNIVERSE: ALL

VALID ENTRIES

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

PELNMOM	2	LINE NUMBER OF MOTHER	888 - 889
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NAME	SIZE	DESCRIPTION	LOCATION
		EDITED UNIVERSE: ALL	
		<u>VALID ENTRIES</u>	
		-1 NO MOTHER PRESENT	
		01 MIN VALUE	
		16 MAX VALUE	
PEDADTYP	2	TYPE OF FATHER	890 – 891
		EDITED UNVERSE: ALL	
		-1 NO FATHER PRESENT	
		01 BIOLOGICAL	
		02 STEP	
		03 ADOPTED	
PEMOMTYP	2	TYPE OF MOTHER	892 - 893
		EDITED UNVERSE: ALL	
		-1 NO MOTHER PRESENT	
		01 BIOLOGICAL	
		02 STEP	
		03 ADOPTED	
PECOHAB	2	LINE NUMBER OF COHABITING PARTNER	894 - 895
		EDITED UNIVERSE: ALL	
		<u>VALID ENTRIES</u>	
		-1 NO PARTNER PRESENT	
		01 MIN VALUE	
		16 MAX VALUE	
PXLNDAD	2	ALLOCATION FLAG	896 - 897
PXLNMOM	2	ALLOCATION FLAG	898 - 899
PXDADTYP	2	ALLOCATION FLAG	900 - 901

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

NAME	SIZE	DESCRIPTION	LOCATION
		<u>VALID ENTRIES</u>	
		1 Yes	
		2 No	
PEDISDRS	2	DOES ... HAVE DIFFICULTY 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 EMOTIONAL CONDITION DOES...HAVE DIFFICULTY DOING ERRANDS ALONE SUCH AS 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 THESE DISABILITY CONDITIONS?	918 - 919
		EDITED UNIVERSE: PEDISEAR OR PEDISEYE OR PEDISREM, PEDISPHY OR PEDISDRS OR PEDISOUT = 1	
		<u>VALID ENTRIES:</u>	
		1 Yes	
		2 No	
PXDISEAR	2	ALLOCATION FLAG	920 - 921
PXDISEYE	2	ALLOCATION FLAG	922 - 923

NAME	SIZE	DESCRIPTION	LOCATION
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
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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

PTNMEMPI	2	EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE?	938-939
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See location 681-682 for the allocation flag.

NAME	SIZE	DESCRIPTION	LOCATION
		<p>EDITED UNIVERSE: PEPDEMP1 = 1</p> <p><u>VALID ENTRIES</u></p> <p>01-74    Number of employees  75        75 or more employees  Note that this item is topcoded at 75 employees.</p>	
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 PEIO1COW = 6 or 7</p> <p><u>VALID ENTRIES</u></p> <p>1    YES  2    NO</p>	940 - 941
PTNMEMB2	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  10        10 or more employees  Note that this item is topcoded at 10 employees.</p>	942 - 943
FILLER	7	FILLER	944 - 950

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



**ATTACHMENT 7**

SUPPLEMENT RECORD LAYOUT  
Current Population Survey  
January 2015 CPS Tobacco Use Supplement

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PENXTPR	2	Line number of person being interviewed	951-952
		<u>VALID ENTRIES:</u>  -9 No response -1 Not in universe 1:16 Person' Line Number	
PENXTPR3	2	Is this a Self or Proxy response?	953-954
		<u>VALID ENTRIES:</u>  -1 Not in universe 1 Self 2 Proxy 3 Abbreviated proxy path CPS respondent	
PEA1	2	(Have/Has) (you/name) smoked at least 100 cigarettes in (your/his/her) entire life? 100 cigarettes = approximately 5 packs	955-956
		<u>EDITED UNIVERSE:</u>  All persons eligible for the supplement	
		<u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know 1 Yes 2 No	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEA2	3	<p>How old (were/was)(you/name) when (you/he/she) first started smoking cigarettes FAIRLY REGULARLY?</p> <p>Enter 0 if never smoked regularly Enter age (1 to Age)</p> <p>EDITED UNIVERSE:</p> <p>PEA1 = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response -5 Never smoked regularly -3 Refused -2 Don't know -1 Not in universe 1:99</p>	957-959
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>EDITED UNIVERSE:</p> <p>PEA2= -5</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No Response -3 Refused -2 Don't know -1 Not in universe 1:99</p>	960-962
PRA2B1	3	<p>In what state or country did (you/name) live when (you/he/she) started to smoke cigarettes fairly regularly?</p>	963-965

NAME                      SIZE                      DESCRIPTION                      LOCATION

EDITED UNIVERSE:

PEA2= 1-AGE, -2, -3, -9

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

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	
		127 Norway	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	
		324 Barbados	
		327 Cuba	
		328 Dominica	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		461 Zimbabwe 462 Africa, not specified 501 Australia 508 Fiji 515 New Zealand 523 Tonga 527 Samoa 528 Oceania, not specified 555 Elsewhere	
PRA2C1	3	In what state or country did (you/name) live when (you/he/she) FIRST smoked part or all of a cigarette?  EDITED UNIVERSE:  PEA2= -5  <u>VALID ENTRIES:</u>  -3 Refused -2 Don't know -9 No response -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	966-968



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	
		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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	
		162 Moldova	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	
		407 Cameroon	
		408 Cape Verde	
		414 Egypt	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	
PEA3	2	(Do/Does) (you/name) now smoke cigarettes every day, some days, or not at all?  EDITED UNIVERSE:  PEA2= 1-Age, -2, -3, -5, -9  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Every day 2 Some days 3 Not at all	969-970

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PTB1	3	<p>On the average, about how many cigarettes do you now smoke each day?            (One pack usually equals 20 cigarettes.            If converting packs to cigarettes, always verify calculation with respondent.)            Top coded at 40. Weighted average topcode: see endnote<sup>i</sup></p> <p>EDITED UNIVERSE:</p> <p>PEA3= 1 and self respondent</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response            3 Refused            -2 Don't know            -1 Not in universe            1:99</p>	971-973
PEB1A	2	<p>Would you say that, on average, you now smoke more or less than 20 cigarettes each day?</p> <p>EDITED UNIVERSE:</p> <p>PTB1= -9, -3 -2</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response            -3 Refused            -2 Don't know            -1 Not in universe            1 More            2 Less            3 About 20 (ONE PACK)</p>	974-975
PEB2	2	<p>Do you usually smoke menthol or non-menthol cigarettes?</p>	976-977

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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EDITED UNIVERSE:

PEA3 = 1 and self respondent

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 Menthol
- 2 Non-menthol
- 3 No Usual Type

PEB5ANUM	2	How soon after you wake up do you typically smoke your first cigarette of the day?	978-979
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EDITED UNIVERSE:

PEA3 = 1 and self respondent

VALID ENTRIES:

- 9 No response
- 5 Varies
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1:90 Number

PEB5AUNT	2	How soon after you wake up do you typically smoke your first cigarette of the day? Enter Minutes or hours	980-981
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EDITED UNIVERSE:

PEB5ANUM = 1 - 90

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know 1 Minutes 2 Hours	
PEB5B	2	Would you say you smoke your first cigarette of the day within the first 30 minutes?  <u>EDITED UNIVERSE:</u>  PEB5ANUM = -9, -5, -3, -2 or PEBAUNT= -9, -3, -2  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No 3 Varies	982-983
PEBA6A	2	Do you USUALLY BUY your own cigarettes?  <u>EDITED UNIVERSE:</u>  PEA3 = 1 and self respondent  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	984-985



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEB6A	2	<p>Do you USUALLY buy your cigarettes by the pack or by the carton?</p> <p>EDITED UNIVERSE:</p> <p>PEBA6A= 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Pack  2 Carton  3 Both</p>	986-987
PTB6B	5	<p>What price did you pay for the LAST PACK of cigarettes you bought? Please report the cost after using discounts or coupons.  (This is 4 positions with 2 implied decimals.)  Top coded: see endnote</p> <p>EDITED UNIVERSE:</p> <p>PEB6A = -9, -3, -2, 1, 3</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  0000:9999</p>	988-992
PTB6C	6	<p>What price did you pay for the LAST CARTON of cigarettes you bought? Please report the cost after using discounts or coupons.  (This is 5 positions with 2 implied decimals.)  Top coded: see endnote</p>	993-998

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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EDITED UNIVERSE:

PEB6A = 2

VALID ENTRIES:

-9 No response

-3 Refused

-2 Don't know

-1 Not in universe

00000:99999

PEB6C4	2	Did you use coupons, rebates, or any other special promotions when you bought your LAST (B6a fill PACK/CARTON) of cigarettes?	999-1000
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EDITED UNIVERSE:

PEBA6A = 1

VALID ENTRIES:

-9 No response

-3 Refused

-2 Don't know

-1 Not in universe

1 Yes

2 No

PEB6D1	2	Did you buy your LAST (B6a fill PACK/CARTON) of cigarettes in (fill respondent's state of residence) or in some other state?	1001-1002
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EDITED UNIVERSE:

PEBA6A = 1

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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VALID ENTRIES:

- 9 No response
- 5 BOUGHT SOME OTHER WAY (Internet, other country ...)
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 In respondent's state of residence
- 2 In some other state (including DC)

PEB6D21	2	In what other state did you buy your LAST (PACK/CARTON) of cigarettes?	1003-1004
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EDITED UNIVERSE:

PEB6D1 = 2

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

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	
		048 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 (B6A fill PACK/CARTON) of cigarettes from an Indian reservation?	1005-1006

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<p>EDITED UNIVERSE:</p> <p>PEB6D1 = 1 , 2</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	
PEB6DOTH	2	<p>Was the Other Way in which you purchased your LAST"(PACK/CARTON) of cigarettes:</p> <p>EDITED UNIVERSE:</p> <p>PEB6D1 = -5</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 In a foreign country or a duty-free shop  2 From an Indian reservation  3 By mail-order, phone or internet  4 Some other way (NOT READ)</p>	1007-1008
PEB6E1	2	<p>In the LAST 2 months, have you bought any SINGLE or INDIVIDUAL cigarettes?</p> <p>EDITED UNIVERSE:</p> <p>PEA3=1 and self respondent</p>	1009-1010

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
PEB6E31	2	Did you buy your LAST SINGLE or INDIVIDUAL cigarette in (fill respondent's state of residence) or in some other state or other country?  EDITED UNIVERSE:  PEB6E1 = 1  <u>VALID ENTRIES:</u> -9 No response -5 Bought some other way (Internet, etc.) -3 Refused -2 Don't know -1 Not in universe 1 In respondent's state of residence 2 In some other state (including DC) 3 In another country	1011-1012
PRB6E32A	3	In what OTHER state or country did you buy your last SINGLE or individual cigarette?  EDITED UNIVERSE:  PEB6E31= 2,3  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 001 Alabama	1013-1015

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	
		127 Norway	
		128 Poland	
		129 Portugal	
		130 Azores	
		132 Romania	
		134 Spain	
		136 Sweden	
		137 Switzerland	
		138 United Kingdom	
		139 England	
		140 Scotland	



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	
		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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEB7C	2	<p>For how long have you smoked EVERY DAY?</p> <p>EDITED UNIVERSE:</p> <p>PEA3 = 1 and self respondent</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  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  4 Less than half the years you have smoked  5 LESS THAN ONE YEAR</p>	1016-1017
PEB7C2	2	<p>Have you EVER smoked MENTHOL cigarettes for 6 months or more?</p> <p>EDITED UNIVERSE;</p> <p>PEB2 = -9, -3, -2, 2, 3</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't Know  -1 Not in universe  1 Yes  2 No</p>	1018-1019
PEB7C3	2	<p>For how long (have you smoked/did you smoke) MENTHOL cigarettes?</p> <p>EDITED UNIVERSE:</p> <p>PEB2=1 or PEB7C2=1</p>	1020-1021

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  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  4 Less than half the years you have smoked.  5 Less than one year</p>	
PEB8	2	<p>Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?</p> <p>EDITED UNIVERSE:</p> <p>PEA3 = 1 and self respondent</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Every day  2 Some days  3 Not at all</p>	1022-1023
PTB9	3	<p>Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?</p> <p>NOote: One pack usually equals 20 cigarettes. If converting packs to cigarettes, always verify calculation with respondent.  Enter number of cigarettes per day (1-99).  Top coded at 40. Weighted average topcode: see endnote</p>	1024-1026

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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EDITED UNIVERSE:

PEB8= 1

VALID ENTRIES:

-9 No response  
 -3 Refused  
 -2 Don't know  
 -1 Not in universe  
 1:99 Number of Cigarettes

PEB10A	2	Around this time 12 MONTHS AGO, on how many of the 30 days in the month did you smoke cigarettes?	1027-1028
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EDITED UNIVERSE:

PEB8= 2

VALID ENTRIES:

-9 No response  
 -5 None  
 -3 Refused  
 -2 Don't know  
 -1 Not in universe  
 1:30 Days

PTB10B	3	On the average, on those (Fill entry B10a) days, how many cigarettes did you usually smoke each day? Topcode at 20. Weighted average topcode: see endnote	1029-1031
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EDITED UNIVERSE:

PEB10A = -9, -3, -2, 1-30

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1:99 Number of Cigarettes	
PEC1	2	On how many of the past 30 days did you smoke cigarettes?  <u>EDITED UNIVERSE:</u>  PEA3 = 2 and self respondent  <u>VALID ENTRIES:</u> -9 No response -5 None -3 Refused -2 Don't know -1 Not in universe 1:30 Days	1032-1033
PEC1I	2	Would you say you smoked on AT LEAST 12 DAYS in the past 30 days?  <u>EDITED UNIVERSE:</u>  PEC1 = -9, -3, -2  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1034-1035

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PTC1A	3	<p>On the average, on those (fill entry C1) days, how many cigarettes did you usually smoke each day? Top coded at 20. Weighted average topcoded: see endnote</p> <p>EDITED UNIVERSE:</p> <p>PEC1 = -9, -3, -2, 1-30</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response -3 Refused -2 Don't know -1 Not in universe 0:99 Number of Cigarettes</p>	1036-1038
PEC2	2	<p>Do you usually smoke menthol or non-menthol cigarettes?</p> <p>EDITED UNIVERSE:</p> <p>PEA3 = 2 and self respondent</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response -3 Refused -2 Don't know -1 Not in universe 1 Menthol 2 Non-menthol 3 No usual type</p>	1039-1040
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?</p> <p>EDITED UNIVERSE:</p> <p>PEA3 = 2 and self respondent</p>	1041-1042



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -5 Varies -3 Refused -2 Don't know -1 Not in universe 1:90 Number	
PEC5AUNT	2	On the days that you smoke, how soon after you wake up do you typically smoke your first cigarette of the day? Enter minutes or hours  EDITED UNIVERSE:  PEC5ANUM = 1-90  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Minutes 2 Hours	1043-1044
PEC5B	2	On the days that you smoke, would you say you smoke your first cigarette of the day within the first 30 minutes?  EDITED UNIVERSE:  PEC5ANUM= -9,-5,-3,-2 or PEC5AUNT=-9,-3,-2	1045-1046

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 Yes
- 2 No
- 3 Varies

PECA6A	2	Do you USUALLY buy your own cigarettes?	1047-1048
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EDITED UNIVERSE:

PEA3 = 2 and self respondent

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 Yes
- 2 No

PEC6A	2	Do you usually buy your cigarettes by the pack or by the carton? A carton has 10 packs	1049-1050
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EDITED UNIVERSE:

PECA6A = 1

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response 3 Refused -2 Don't know -1 Not in universe 1 Pack 2 Carton 3 Both	
PTC6B	5	What price did you pay for the LAST PACK of cigarettes you bought? Please report the cost after using discounts or coupons. (This is 4 positions with 2 implied decimals) Topcoded: see endnote  EDITED UNIVERSE:  PEC6A= -9,-3,-2,1,3  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 0000:9999	1051-1055
PTC6C	6	* What price did you pay for the LAST carton of cigarettes you bought? Please report the cost after using discounts or coupons. (This is 5 positions with 2 implied decimals.) Topcoded: see endnote  EDITED UNIVERSE:  PEC6A = 2	1056-1061

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 00000:99999	
PEC6C4	2	Did you use coupons, rebates, or any other special promotions when you bought your LAST (pack/carton) of cigarettes  EDITED UNIVERSE:  PECA6A = 1  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1062-1063
PEC6D1	2	Did you buy your LAST (pack/carton) of cigarettes in (fill respondent's state of residence) or in some other state?  EDITED UNIVERSE:  PECA6A = 1  <u>VALID ENTRIES:</u>  -9 No response -5 Bought some other way (Internet, other country, Indian reservation...) -3 Refused -2 Don't know -1 Not in universe 1 In respondent's state of residence 2 In some other state (including DC)	1064-1065

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEC6d21	2	In what other state did you buy your LAST (pack/carton) of cigarettes?	1066-1067
		EDITED UNIVERSE:	
		PEC6D1=2	
		<u>VALID ENTRIES:</u>	
		-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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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 the U.S.	
PEC6D3	2	Did you buy your LAST (pack/carton) of cigarettes from an Indian reservation?	1068-1069
		EDITED UNIVERSE:	
		PEC6D1= 1, 2	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
PEC6DOTH	2	Was the "Other Way" in which you purchased your Last (pack/carton) of cigarettes.  <u>EDITED UNIVERSE:</u>  PEC6D1 = -5  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 f In a foreign country or a duty-free shop 2 From an Indian reservation 3 By mail order, phone, or internet 4 Some other way	1070-1071
PEC6E1	2	In the LAST 2 months, have you bought any SINGLE or INDIVIDUAL cigarettes?  <u>EDITED UNIVERSE:</u>  PEA3 = 2 and self respondent	1072-1073

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes, bought 2 No, did not buy	
PEC6E31	2	Did you buy your LAST SINGLE or INDIVIDUAL cigarette in (fill respondent's state of residence) or in some other state or other country?  EDITED UNIVERSE:  PEC6E1 = 1  <u>VALID ENTRIES:</u> -9 No response -5 Bought some other way (Internet, etc) -3 Refused -2 Don't know -1 Not in universe 1 In respondent's state of residence 2 In some other state (including DC) 3 In another country	1074-1075
PRC6E32A	3	In what OTHER state or country did you buy your last SINGLE or individual cigarette?  EDITED UNIVERSE:  PEC6E31= 2,3  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know	1076-1078



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		-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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	
		127 Norway	
		128 Poland	
		129 Portugal	
		130 Azores	
		132 Romania	
		134 Spain	
		136 Sweden	
		137 Switzerland	
		138 United Kingdom	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	
		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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		527 Samoa 528 Oceania, not specified 555 Elsewhere	
PEC7A	2	Have you EVER smoked cigarettes EVERY DAY for at least 6 months?  EDITED UNIVERSE:  PEA3=2 and self respondent  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1079-1080
PEC7D	2	For how long did you smoke EVERY DAY?  EDITED UNIVERSE:  PEC7A = 1  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 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 4 Less than half the years you have smoked 5 Less than one year	1081-1082
PEC7D2	2	Have you EVER smoked MENTHOL cigarettes for 6 months or more?	1083-1084

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<p>EDITED UNIVERSE:</p> <p>PEC2 = -9,-3, -2, 2, 3</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	
PEC7D3	2	<p>For how long [have you smoked/did you smoke] MENTHOL cigarettes?</p> <p>EDITED UNIVERSE:</p> <p>PEC2 = 1 or PEC7D2 = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  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  4 Less than half the years you have smoked  5 LESS THAN ONE YEAR</p>	1085-1086
PTC7E	2	<p>When you last smoked every day, on average how many cigarettes did you smoke each day?</p> <p>Top coded at 20. Weighted average topcode: see endnote</p>	1087-1088

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<p>EDITED UNIVERSE:</p> <p>PEC7A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1:99 Number of cigarettes</p>	
PEC8	2	<p>Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?</p> <p>EDITED UNIVERSE:</p> <p>PEA3 = 2 and self respondent</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Every day  2 Some days  3 Not at all</p>	1089-1090
PTC9	3	<p>Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?  Note: One pack usually equals 20 cigarettes. If converting packs to cigarettes, always verify calculation with respondent.  Enter number of cigarettes per day (1-99).  Top coded at 30. Weighted average topcode: see endnote</p> <p>EDITED UNIVERSE:</p> <p>PEC8 = 1</p>	1091-1093



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1:99 Number of cigarettes	
PEC10A	2	Around this time 12 MONTHS AGO, on how many of the 30 days in the month did you smoke cigarettes?  <u>EDITED UNIVERSE:</u>  PEC8 = 2  <u>VALID ENTRIES:</u> -9 No response -5 None -3 Refused -2 Don't know -1 Not in universe 1:30 Days	1094-1095
PTC10B	3	On the average, on those (Fill entry C10a), how many cigarettes did you usually smoke each day? (FR Note: We are still talking about around this time 12 months ago.) Top coded at 15. Weighted average topcode: see endnote  <u>EDITED UNIVERSE:</u>  PEC10A = -9, -3, -2, 1-30	1096-1098

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1:99 Number of Cigarettes	
PEDA	2	During the PAST 12 MONTHS, have you TRIED to QUIT smoking COMPLETELY?  EDITED UNIVERSE:  PEC1I = -9, -3, -2, 2 or PEC1<12  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1099-1100
PEDB	2	Have you EVER TRIED to QUIT smoking COMPLETELY?  EDITED UNIVERSE:  PEDA= -9, -3, -2, 2  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1101-1102

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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>EDITED UNIVERSE:</p> <p>PEA3 = 1 and (PEA3 = 1 or PEC1 =&gt; 12 or PEC1I = 1)</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	1103-1104
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>EDITED UNIVERSE:</p> <p>PED1R = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Once (1 time)  2 2-3 times  3 4 or more times</p>	1105-1106
PED3B	2	<p>Would you say that during the past 12 months it was MORE THAN 3 TIMES that you you have stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?</p>	1107-1108

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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EDITED UNIVERSE:

PEDA = 1 or PED3 = -9, -3, -2

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 Yes
- 2 No

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? (FR Note: If quit attempt began more than 12 months ago BUT ended within the past 12 months, count all of it.)</p>	1109-1110
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EDITED UNIVERSE:

PED3 = 1

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1:99 Number

PED6UNT	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? Enter unit reported: days, weeks, months, years</p>	1111-1112
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EDITED UNIVERSE:

PED6NUM = 1-99

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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VALID ENTRIES:

- 9 No Response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 Days
- 2 Weeks
- 3 Months
- 4 Years

PED6B	2	Was it more or less than one week?	1113-1114
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EDITED UNIVERSE:

PED6NUM = -9, -3, -2 or PED6UNT = -9, -3, -2

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 More
- 2 Less
- 3 One\_week

PED6CNUM	2	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.)	1115-1116
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EDITED UNIVERSE:

PED3 = -9, -3, -2, 2, 3

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1:99 Number	
PED6CUNT	2	Thinking of those attempts during the past 12 months, what was the length of time of the ONE attempt that lasted the longest? Enter unit reported: days weeks, months, years  EDITED UNIVERSE:  PED6CNUM = 1 - 99  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Days 2 Weeks 3 Months 4 Years	1117-1118
PED6C2	2	Was it more or less than one week?  EDITED UNIVERSE:  PED6CNUM = -9, -3, -2 or PED6CUNT = -9, -3, -2	1119-1120

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 More 2 Less 3 One week	
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?  EDITED UNIVERSE:  PED1R = -9, -3, -2, 2  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1121-1122
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?  EDITED UNIVERSE:  PED7R = -9, -3, -2, 2	1123-1124

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
PEE1B1	2	Thinking back to the (LAST TIME/TIME) you tried to QUIT smoking in A telephone help line or quit line?  EDITED UNIVERSE:  PEDA = 1 or PED1R = 1 or PED7R = 1  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1125-1126
PEE1B5	2	Thinking back to the (LAST TIME/TIME) you tried to QUIT smoking in the past 12 months: Did you use ANY of the following: Internet or web based program or tool? (FR NOTE: If asked, Internet or web-based program or" tool includes any apps smartphones or other devices.")  EDITED UNIVERSE:  PEE1B1 = -9, -3, -2, 1, 2	1127-1128



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	
PEE1C2	2	<p>The (LAST TIME/TIME) you tried to QUIT smoking in the past 12 months: Did you do ANY of the following: Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff or snus?  Snus is pronounced as snoose, rhymes with goose.  For this question, re-read stem periodically.</p> <p>EDITED UNIVERSE:</p> <p>PEE1B1 = -9, -3, -2, 1, 2</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	1129-1130
PEE1C2B	2	<p>The (LAST TIME/TIME) you tried to QUIT smoking in the past 12 months: Did you do ANY of the following: 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.)</p> <p>EDITED UNIVERSE:</p> <p>PEE1C2 = -9, -3, -2, 1, 2</p>	1131-1132

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
PEE1C2C	2	The (LAST TIME/TIME) you tried to QUIT smoking in the past 12 months: Did you do ANY of the following: Try to quit by SWITCHING to electronic or E-cigarettes?  EDITED UNIVERSE:  PEE1C2B = -9, -3, -2, 2  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1133-1134
PEE1C2D1	2	Did you switch to? Cigars, cigarillos, little filtered cigars.  EDITED UNIVERSE:  PEE1C2B = 1  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1135-1136

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEE1C2D2	2	<p>Did you switch to? Regular pipes filled with tobacco.</p> <p>EDITED UNIVERSE:</p> <p>PEE1C2B = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No</p>	1137-1138
PEE1C2D3	2	<p>Did you switch to? Water or hookah (pronounced who-kah) pipes filled with tobacco.</p> <p>EDITED UNIVERSE:</p> <p>PEE1C2B = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No</p>	1139-1140
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, hookah-pens, E-hookahs, E-vaporizers, E-Cigars, or E-Pipes.</p>	1141-1142

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<p>EDITED UNIVERSE:</p> <p>PEE1C2B = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	
PEF1A	2	<p>In the PAST 12 MONTHS have you SEEN a medical doctor?</p> <p>FR NOTE: Respondents should answer YES" if they visited their" doctor for any medical reason (not only for smoking related reasons).</p> <p>EDITED UNIVERSE:</p> <p>PEA3 = 1, 2 and self respondent</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	1143-1144
PEF1B	2	<p>During the PAST 12 MONTHS, did any medical doctor ADVISE you to stop smoking?</p> <p>EDITED UNIVERSE:</p> <p>PEF1A = 1</p>	1145-1146

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
PEG1	2	Are you seriously considering quitting smoking within the next 6 months?  <u>EDITED UNIVERSE:</u>  PEA3 = 1, 2 and self respondent  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1147-1148
PEG2	2	Are you planning to quit within the next 30 days?  <u>EDITED UNIVERSE:</u>  PEG1 = 1  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1149-1150

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEG3	2	<p>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?</p> <p>EDITED UNIVERSE:</p> <p>PEG1 = -9, -3, -2, 2 or PEG2 = -9, -3, -2, 1, 2</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1:10 Number</p>	1151-1152
PEG4	2	<p>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?</p> <p>EDITED UNIVERSE:</p> <p>PEG3 = -9, -3, -2, 2-10</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Not at all  2 A little likely  3 Somewhat likely  4 Very likely</p>	1153-1154
PEH1NUM	2	<p>About how long has it been since you COMPLETELY quit smoking cigarettes?</p>	1155-1156

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<p>EDITED UNIVERSE:</p> <p>PEA3 = 3 and self respondent</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1:99 Number</p>	
PEH1UNT	2	<p>About how long has it been since you COMPLETELY quit smoking cigarettes?  Enter Unit Reported.</p> <p>EDITED UNIVERSE:</p> <p>PEH1NUM = 1-99</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Days  2 Weeks  3 Months  4 Years</p>	1157-1158
PEH1B	2	<p>In the PAST 12 months, was H1the longest time you stopped smoking cigarettes because you were trying to quit?</p> <p>EDITED UNIVERSE:</p> <p>H1 less than 5 months.</p>	1159-1160

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
PEH1CNUM	2	During the PAST 12 MONTHS, what WAS the LONGEST length of time you stopped smoking because you were TRYING to quit smoking" ,,,,,  EDITED UNIVERSE:  PEH1B = 2  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1:99 Number	1161-1162
PEH1CUNT	2	During the PAST 12 MONTHS, what WAS the LONGEST length of time you stopped smoking because you were TRYING to quit smoking" ,,,,, Enter Unit Reported  EDITED UNIVERSE:  PEH1CNUM = 1-99  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know	1163-1164



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		-1 Not in universe 1 Days 2 Weeks 3 Months 4 Years	
PEH2	2	Have you EVER smoked cigarettes EVERY DAY for at least 6 months?  EDITED UNIVERSE:  PEA3 = 3 and self respondent  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1165-1166
PEH5	2	For how long did you smoke EVERY DAY?  EDITED UNIVERSE:  PEH2 = 1  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 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 4 Less than half the years you have smoked 5 Less than one year (If volunteered)	1167-1168

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PTH5A	2	<p>When you last smoked every day, on average how many cigarettes did you smoke each day? Top coded at 50. Weighted average topcode: see endnote</p> <p>EDITED UNIVERSE:</p> <p>PEH2 = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response -3 Refused -2 Don't know -1 Not in universe 1:97 Number of Cigarettes</p>	1169-1170
PEH6	2	<p>Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?</p> <p>EDITED UNIVERSE</p> <p>(PEH1UNT=1 and PEH1NUM&lt;=97) or (PEH1UNT=2 and PEH1NUM&lt;=52) or (PEH1UNT=3 and PEH1NUM&lt;=12) or (PEH1UNT=4 and PEH1NUM=1) or (PEH2 = -9, -3, -2, 2 and PEH1NUM&lt;=1 and PEH1UNT=4)</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response -3 Refused -2 Don't know -1 Not in universe 1 Every day 2 Some days 3 Not at all</p>	1171-1172

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PTH6A	2	<p>Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?            (Note: One pack usually equals 20 Cigarettes. If converting packs to cigarettes, always verify calculation with respondent.)            Enter Number of Cigarettes Per Day (1-99)            Top code at 40. Weighted average topcode: see endnote</p> <p>EDITED UNIVERSE</p> <p>PEH6 = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response            -3 Refused            -2 Don't know            -1 Not in universe            1:97 Number of Cigarettes</p>	1173-1174
PEH6B	2	<p>Around this time 12 MONTHS AGO, on how many of 30 days in the month did you smoke cigarettes?</p> <p>EDITED UNIVERSE</p> <p>PEH6 = 2</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response            -5 None            -3 Refused            -2 Don't know            -1 Not in universe            1:30 Number of days</p>	1175-1176
PTH6C	2	<p>On the average, on those (Fill PEH6B entry) , how many cigarettes did you usually smoke each day?            Top code at 20. Weighted average topcode: see endnote</p>	1177-1178

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<p>EDITED UNIVERSE</p> <p>PEH6B = -9, -3, -2, 1-30</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1:99 Number of cigarettes</p>	
PEH6C2	2	<p>We are still talking about Around this time 12 months ago""  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>EDITED UNIVERSE:</p> <p>(PEH1UNT=1 and PEH1NUM&lt;=97) or  (PEH1UNT=2 and PEH1NUM&lt;=97) or  (PEH1UNT=3 and PEH1NUM&lt;=36) or  (PEH1UNT=4 and PEH1NUM&lt;=3) or</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Menthol  2 Non menthol  3 No usual type</p>	1179-1180
PEH6C4	2	<p>Have you EVER smoked MENTHOL cigarettes  for 6 months or more?</p> <p>EDITED UNIVERSE:</p> <p>PEH6C21 = -9, -3, -2, 2, 3</p>	1181-1182

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
PEH6C5	2	For how long did you smoke MENTHOL cigarettes?  <u>EDITED UNIVERSE:</u>  PEH6C2 =1 or PEH6C4 = 1  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 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 4 Less than half the years you have smoked 5 Less than one year (if volunteered)	1183-1184
PEH6E1	2	Now I would like to ask you about HOW you went about completely quitting smoking. When you quit smoking completely, did you use ANY of the following: A telephone help line or quit line?  <u>EDITED UNIVERSE:</u>  PEH1NUM AND PEH1UNT LESS THAN OR EQUAL TO 3 Years (36 months, 97 weeks or 97 days)	1185-1186

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	
PEH6E5	2	<p>When you quit smoking completely, did you use ANY of the following:  The Internet or a web-based program or tool?  (FR NOTE: If asked, The internet or web-based "program or tool" includes any APPS, Smartphones, or other related devices.)</p> <p>EDITED UNIVERSE:</p> <p>PEH6E1 = -9, -3, -2, 1, 2</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	1187-1188
PEH6FA2	2	<p>When you quit smoking 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>EDITED UNIVERSE:</p> <p>PEH6E5 = -9, -3, -2, 1, 2</p>	1189-1190

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 Yes
- 2 No

PEH6FA2B	2	When you quit smoking completely, did you do ANY of the following whether or not you think they were effective? Try to quit by SWITCHING to regular cigars, cigarillos, little filtered cigars or ANY pipes filled with tobacco?	1191-1192
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EDITED UNIVERSE:

PEH6F2 = -9, -3, -2, 1, 2

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 Yes
- 2 No

PEH6FA2C	2	When you quit smoking 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-cigarettes?	1193-1194
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EDITED UNIVERSE:

PEH6GA2B = -9,-3,-2 2

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
PEH6FA2D1	2	Did you switch to? Cigars, cigarillos, little filtered cigars	1195-1196
		EDITED UNIVERSE:  PEH6FA2B = 1  <u>VALID ENTRIES:</u> -9 No response -3 Refused -1 Not in universe -2 Don't know 1 Yes 2 No	
PEH6FA2D2	2	Did you switch to? Regular pipes filled with tobacco.	1197-1198
		EDITED UNIVERSE:  PEH6FA2B = 1  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEH6FA2D3	2	<p>Did you switch to? Water or hookah pipes filled with tobacco.</p> <p>EDITED UNIVERSE:</p> <p>PEH6FA2B = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No</p>	1199-1200
PEH6FAZ2C	2	<p>When you quit smoking completely, did you try to quit by SWITCHING to electronic or E-cigarettes?</p> <p>EDITED UNIVERSE:</p> <p>PEH6FA2B = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No</p>	1201-1202
PEH61A	2	<p>In the 12 MONTHS BEFORE you COMPLETELY quit smoking, did you SEE a medical doctor?</p> <p>EDITED UNIVERSE:</p> <p>PEHFA2B = -9, -3, -2, 1, 2</p>	1203-1204

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
PEH61B	2	During the 12 MONTHS BEFORE you completely quit smoking, did any medical doctor ADVISE you to stop smoking?  EDITED UNIVERSE:  PEH61A = 1  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1205-1206
PEH8ANUM	2	During the 12 MONTHS before you quit smoking, how soon after you woke up did you typically smoke your first cigarette of the day?  EDITED UNIVERSE:  PEH61A = -9, -3, -2, 1 2	1207-1208

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -5 Varies -3 Refused -2 Don't know -1 Not in universe 1:90	
PEH8AUNT	2	During the 12 MONTHS before you quit smoking, how soon after you woke up did you typically smoke your first cigarette of the day? Enter unit reported  EDITED UNIVERSE:  PEH8ANUM = 1-90  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Minutes 2 Hours	1209-1210
PEH8B	2	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?  EDITED UNIVERSE:  PEH8ANUM = -9, -5, -3, -2	1211-1212

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 Yes
- 2 No
- 3 Varies (Not read)

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?	1213-1214
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EDITED UNIVERSE:

PEH1NUM AND PEH1UNT GREATER THAN 3 Years or 36 Months

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 Menthol
- 2 Non menthol
- 3 No usual type

PEH11C	2	Have you EVER smoked MENTHOL cigarettes for 6 months or more?	1215-1216
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EDITED UNIVERSE:

PEH11A = -9, -3, -2, 2, 3

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
PEH11D	2	For how long did you smoke MENTHOL cigarettes?  <u>EDITED UNIVERSE:</u>  PEH11A = 1 or PEH11C = 1  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 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 4 Less than half the years you have smoked 5 Less than one year (if volunteered)	1217-1218
PEJ1A1	2	(Have/Has) (you/name) EVER used any of the following EVEN ONE TIME? ... A regular cigar or cigarillo OR a little filtered cigar?  <u>EDITED UNIVERSE:</u>  All person eligible for the supplement	1219-1220

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
PEJ1A2	2	(Have/Has)(you/name) EVER used any of the following EVEN ONE TIME? ... A regular pipe filled with tobacco?  EDITED UNIVERSE:  PEJ1A1 = -9, -3, -2, 1, 2  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1221-1222
PEJ1A3	2	(Have/Has)(you/name) EVER used any of the following EVEN ONE TIME? ... a water pipe or hookah (who-kah) pipe filled with tobacco?  EDITED UNIVERSE:  PEJ1A2 = -9, -3, -2, 1, 2  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1223-1224

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEJ1A3_5	2	<p>The next question is about electronic or e-cigarettes. (Have/Has)(you/name) EVER used E-cigarettes EVEN ONE TIME?</p> <p>EDITED UNIVERSE:</p> <p>PEJ1A3 = -9, -3, -2, 1, 2</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No</p>	1225-1226
PEJ1A4	2	<p>The next question is about smokeless tobacco products which are used in the mouth. (Have/Has)(you/name) EVER used any of the following EVEN ONE TIME? ... Smokeless tobacco, such as moist snuff, dip, spit, chew tobacco or snus?</p> <p>EDITED UNIVERSE:</p> <p>PEJ1A3_5 = -9, -3, -2, 1, 2</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No</p>	1227-1228
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. (HAVE/HAS)(you/name) EVER used dissolvable tobacco EVEN ONE TIME?</p>	1229-1230

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<p>EDITED UNIVERSE:</p> <p>PEJ1A4 = -9, -3, -2, 1, 2</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	
PEJ2A1	2	<p>(Do you /Does name) NOW smoke regular cigars or cigarillos or little filtered cigars every day, some days or not at all?</p> <p>EDITED UNIVERSE:</p> <p>PEJ1A1 = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Every day  2 Some days  3 Not at all</p>	1231-1232
PEJ2B1	2	<p>On how many of the past 30 days did you smoke regular cigars or cigarillos or little filtered cigars?</p> <p>EDITED UNIVERSE:</p> <p>PEJ1A1 = 2 and self respondent</p>	1233-1234



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -5 None -3 Refused -2 Don't know -1 Not in universe 1:30	
PEJ2A2	2	(Do you /Does name) NOW smoke a regular pipe every day, some days or not at all?  EDITED UNIVERSE:  PEJ1A2 = 1  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Every day 2 Some days 3 Not at all	1235-1236
PEJ2B2	2	On how many of the past 30 days did you smoke a regular pipe?  EDITED UNIVERSE:  PEJ1A2 = 2 and self respondent  <u>VALID ENTRIES:</u>  -9 No response -5 None -3 Refused -2 Don't know -1 Not in universe 1:30	1237-1238

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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?  EDITED UNIVERSE:  PEJ1A3= 1  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Every day 2 Some days 3 Not at all	1239-1240
PEJ2B3	2	On how many of the past 30 days did you use a water pipe or hookah pipe filled with tobacco?  EDITED UNIVERSE:  PEJ1A3 = 2 and self respondent  <u>VALID ENTRIES:</u>  -9 No response -5 None -3 Refused -2 Don't know -1 Not in universe 1:30	1241-1242
PEJ2A3_5	2	(Do you /Does name) NOW use an E-cigarette every day, some days or not at all?  EDITED UNIVERSE:  PEJ1A3_5 = 1	1243-1244

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Every day 2 Some days 3 Not at all	
PEJ2B3_5	2	On how many of the past 30 days did you use an E-cigarette?  <u>EDITED UNIVERSE:</u>  PEJ1A3_5 = 2 and self respondent  <u>VALID ENTRIES:</u>  -9 No response -5 None -3 Refused -2 Don't know -1 Not in universe 1:30	1245-1246
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?  <u>EDITED UNIVERSE:</u>  PEJ1A4 = 1  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Every day 2 Some days 3 Not at all	1247-1248

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEJ2B4	2	<p>On how many of the past 30 days did you use smokeless tobacco?</p> <p>EDITED UNIVERSE:</p> <p>PEJ1A4 = 2 and self respondent</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -5 None  -3 Refused  -2 Don't know  -1 Not in universe  1:30</p>	1249-1250
PEJ2A5	2	<p>(Do you /Does name) NOW use dissolvable tobacco every day, some days or not at all?</p> <p>EDITED UNIVERSE:</p> <p>PEJ1A5 = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Every day  2 Some days  3 Not at all</p>	1251-1252
PEJ2B5	2	<p>On how many of the past 30 days did you use dissolvable tobacco?</p> <p>EDITED UNIVERSE:</p> <p>PEJ1A5 = 2 and self respondent</p>	1253-1254

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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VALID ENTRIES:

- 9 No response
- 5 None
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1:30

PEJA	2	During the past 30 days, what BRAND of smokeless tobacco (If necessary: moist snuff, dip, spit, chew or snus) did you use MOST OFTEN?	1255-1256
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EDITED UNIVERSE:

PEJ2A4 = 1 or 2 and self respondent

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 Beechnut
- 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

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		17 Skoal Snus 18 Skoal X-tra 19 Stoker's 20 Timber Wolf 21 Other	
PEJB	2	During the PAST 30 days, what type of CIGAR did you use MOST OFTEN?  EDITED UNIVERSE:  PEJ2A1 = 1 or 2 and self respondent  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Regular 2 Cigarillos 3 Little filtered cigarettes	1257-1258
PEJC	2	During the PAST 30 days, what BRAND of CIGAR did you smoke MOST OFTEN?  EDITED UNIVERSE:  PEJB = -9, -3, -2, 1, 2  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 305'S 2 Al Capone 3 Antonio Y Cleopatra 4 Backwoods	1259-1260

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		5 Black and Milds 6 Cheyenne 7 Djarum 8 Dutch Masters 9 Garcia Y Vega 10 Good Times 11 Hav-A-Tampa 12 Phillies 13 Prime Time 14 Sante Fe 15 Smoker's Choice 16 Swisher Sweets 17 White Cat 18 White Owl 19 Zig Zag 20 Other	
PEJNFLVIN	2	Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors.  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Continue	1261-1262
PEJNFLVR1	2	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?  <u>EDITED UNIVERSE:</u>  PEJ2A1 = 1, 2 and self respondent	1263-1264

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
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?  EDITED UNIVERSE:  PEJ2A2 = 1, 2 and self respondent  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't Know -1 Not in universe 1 Yes 2 No	1265-1266
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?  EDITED UNIVERSE:  PEJ2A3 = 1, 2 and self respondent	1267-1268



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
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?  EDITED UNIVERSE:  PEJ2A3_5 = 1, 2 and self respondent  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1269-1270
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?  EDITED UNIVERSE:  PEJ2A4 = 1, 2 and self response  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't Know	1271-1272

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		-1 Not in universe 1 Yes 2 No	
PEJNFLVR5	2	Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors. When you use dissolvable tobacco is it usually flavored?  EDITED UNIVERSE:  PEJ2A5 = 1, 2 and self response  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1273-1274
PEJECIGRA	2	The next questions are about the reasons people use E-cigarettes. Please select which reasons apply to you. a. I can use E-cigarettes at times when or in places where smoking cigarettes isn't allowed.  EDITED UNIVERSE:  PEJ2A3_5 = 1, 2 and self response  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1275-1276

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEJECIGRB	2	<p>The next questions are about the reasons people use E-cigarettes. Please select which reasons apply to you.</p> <p>b. They might be less harmful to me than cigarettes</p> <p>EDITED UNIVERSE:</p> <p>PEJ2A3_5 = 1, 2 and self response</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	1277-1278
PEJECIGRC	2	<p>The next questions are about the reasons people use E-cigarettes. Please select which reasons apply to you.</p> <p>c. They might be less harmful to people around me than cigarettes.</p> <p>EDITED UNIVERSE:</p> <p>PEJ2A3_5 = 1, 2 and self response</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	1279-1280
PEJECIGRD	2	<p>The next questions are about the reasons people use E-cigarettes. Please select which reasons apply to you .</p> <p>d. Using E-cigarettes helps people to quit smoking cigarettes.</p> <p>EDITED UNIVERSE:</p> <p>PEJ2A3_5 = 1, 2 and self response</p>	1281-1282

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	
PEJD11	2	About how long has it been since you COMPLETELY quit smoking cigars, cigarillos or little filter cigars?  EDITED UNIVERSE:  PEJ2A1=3 and self response  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1:97 99 only used once or twice	1283-1284
PEJD21	2	About how long has it been since you COMPLETELY quit smoking cigars, cigarillos or little filter cigars? Enter units: days, weeks, months, years  EDITED UNIVERSE:  PEJD11 = 1 - 97  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe	1285-1286

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		1 Days 2 Weeks 3 Months 4 Years	
PEJD12	2	About how long has it been since you COMPLETELY quit smoking a regular pipe filled with tobacco?  EDITED UNIVERSE:  PEJ2A2=3 and self response  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1:97 99 only used once or twice	1287-1288
PEJD22	2	Enter units: days, weeks, months, years Enter units: days, weeks, months, years quit smoking a regular pipe filled with tobacco? Enter units: days, weeks, months, years  EDITED UNIVERSE:  PEJD12 = 1 - 97  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Days 2 Weeks 3 Months 4 Years	1289-1290

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEJD13	2	<p>About how long has it been since you COMPLETELY quit smoking a water pipe or hookah pipe filled with tobacco?</p> <p>EDITED UNIVERSE:</p> <p>PEJ2A3=3 and self response</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1:97  99 only used once or twice</p>	1291-1292
PEJD23	2	<p>About how long has it been since you COMPLETELY quit smoking a water pipe or hookah pipe filled with tobacco?  Enter units: days, weeks, months, years</p> <p>EDITED UNIVERSE:</p> <p>PEJD13 = 1 - 97</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Days  2 Weeks  3 Months  4 Years</p>	1293-1294
PEJD13_5	2	<p>About how long has it been since you COMPLETELY quit using E-cigarettes?</p> <p>EDITED UNIVERSE:</p> <p>PEJ2A3_5=3 and self response</p>	1295-1296

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1:97 99 only used once or twice	
PEJD23_5	2	About how long has it been since you COMPLETELY quit using E-cigarettes? Enter units: days, weeks, months, years  EDITED UNIVERSE:  PEJD13_5 = 1 - 97  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Days 2 Weeks 3 Months 4 Years	1297-1298
PEJD14	2	About how long has it been since you COMPLETELY quit using a smokeless tobacco?  EDITED UNIVERSE:  PEJ2A4=3 and self response	1299-1300

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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VALID ENTRIES:

-9 No response  
 -3 Refused  
 -2 Don't know  
 -1 Not in universe  
 1:97  
 99 only used once or twice

PEJD24	2	About how long has it been since you COMPLETELY quit using a smokeless tobacco? Enter units: days, weeks, months, years	1301-1302
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EDITED UNIVERSE:

PEJD14 = 1 - 97

VALID ENTRIES:

-9 No response  
 -3 Refused  
 -2 Don't know  
 -1 Not in universe  
 1 Days  
 2 Weeks  
 3 Months  
 4 Years

PEJD15	2	About how long has it been since you COMPLETELY quit using a dissolvable tobacco?	1303-1304
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EDITED UNIVERSE:

PEJ2A5=3 and self response

VALID ENTRIES:

-9 No response  
 -3 Refused  
 -2 Don't know



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		-1 Not in universe 1:97 99 only used once or twice	
PEJD25	2	About how long has it been since you COMPLETELY quit using a dissolvable tobacco? Enter units: days, weeks, months, years  EDITED UNIVERSE:  PEJD15 = 1 - 97  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Days 2 Weeks 3 Months 4 Years	1305-1306
PEJD31	2	In total, how many years (have you smoked/did you smoke) cigars or cigarillos or little filtered cigars?  EDITED UNIVERSE:  PEJ1A1 = 1 and PEJ2A1 = 1, 2, 3 and self response  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 0 Only used once or twice or Less than one year 1:97	1307-1308

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEJD32	2	<p>In total, how many years (have you smoked/did you smoke) a regular pipe filled with tobacco?</p> <p>EDITED UNIVERSE:</p> <p>PEJ1A2 = 1 and PEJ2A2 = 1, 2, 3 and self response</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  0 Only used once or twice or Less than one year  1:97</p>	1309-1310
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>EDITED UNIVERSE:</p> <p>PEJ1A3 = 1 and PEJ2A3 = 1, 2, 3 and self response</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  0 Only used once or twice or Less than one year  1:97</p>	1311-1312
PEJD33_5	2	<p>In total, how many years (have you used/did you use) an E-cigarette?</p> <p>EDITED UNIVERSE:</p> <p>PEJ1A3_5 = 1 and PEJ2A3_5 = 1, 2, 3 and self response</p>	1313-1314

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 0 Only used once or twice or Less than one year 1:97	
PEJD34	2	In total, how many years (have you used/did you use) smokeless tobacco?  EDITED UNIVERSE:  PEJ1A4 = 1 and PEJ2A4 = 1, 2, 3 and self response  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 0 Only used once or twice or Less than one year 1:97	1315-1316
PEJD35	2	In total, how many years (have you used/did you use)_f4 dissolvable tobacco?  EDITED UNIVERSE:  PEJ1A5 = 1 and PEJ2A5 = 1, 2, 3 and self response  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 0 Only used once or twice or Less than one year 1:97	1317-1318

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEJFECGRA	2	<p>The next questions are about the reasons people use E-cigarettes. Please select which reasons applied to you when you used to use E-cigarettes. I could use E-cigarettes at times when or in places where smoking cigarettes wasn't allowed.</p> <p>EDITED UNIVERSE:</p> <p>PEJ2A3_5 = 3 and self response</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	1319-1320
PEJFECGRB	2	<p>The next questions are about the reasons people use E-cigarettes. Please select which reasons applied to you when you used to use E-cigarettes. They might have been less harmful to me than cigarettes</p> <p>EDITED UNIVERSE:</p> <p>PEJ2A3_5 = 3 and self response</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	1321-1322
PEJFECGRC	2	<p>The next questions are about the reasons people use E-cigarettes. Please select which reasons applied to you when you used to use E-cigarettes. They might be less harmful to people around me than cigarettes.</p>	1323-1324

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<p>EDITED UNIVERSE:</p> <p>PEJ2A3_5 = 3 and self response</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	
PEJFECGRD	2	<p>The next questions are about the reasons people use E-cigarettes. Please select which reasons applied to you when you used to use E-cigarettes. Using E-cigarettes helps people to quit smoking cigarettes.</p> <p>EDITED UNIVERSE:</p> <p>PEJ2A3_5 = 3 and self response</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Yes  2 No</p>	1325-1326
PEJ3A1	2	<p>How soon after you wake up do you typically (fill text from PRJ3A1F recode)?</p> <p>EDITED UNIVERSE:</p> <p>self response and ( PEJ2A1 = 1, 2 or PEJ2A2 = 1, 2 or PEJ2A3 = 1, 2 or PEJ2A3_5 = 1, 2 or PEJ2A4 = 1, 2 or PEJ2A5 = 1, 2)</p>	1327-1328

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -9 No response -5 Varies -3 Refused -2 Don't know -1 Not in universe 1:90	
PEJ3A2	2	How soon after you wake up do you typically (fill text from PRJ3A1F recode)? Enter minutes or hours  <u>EDITED UNIVERSE:</u>  PEJ3A1 = 1 - 90  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Minutes 2 Hours	1329-1330
PEJ3D	2	Would you say you first (fill text from PRJ3DF within the first 30 minutes of awakening?  <u>EDITED UNIVERSE:</u>  PEJ3A1 = -9, -5, -3, -2 or PEJ3A2 = -9, -3, -2  <u>VALID ENTRIES:</u> -9 No response -3 Refused -2 Don't know -1 Not in universe	1331-1332

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		1 Yes 2 No 3 Varies	
PEJ3F1	2	In the 12 months BEFORE YOU COMPLETELY QUIT (fill text from PRJ3F1F recode), how soon after you woke up did you typically (fill Txt from PRJ3F1F recode)?  EDITED UNIVERSE:  See box 39 of questionnaire  <u>VALID ENTRIES:</u>  -9 No response -8 Not applicable due to instrument error -5 Varies -3 Refused -2 Don't know -1 Not in universe 1:90	1333-1334
PEJ3F2	2	In the 12 months BEFORE YOU COMPLETELY QUIT (fill text from PRJ3F1F recode), how soon after you woke up did you typically (fill Txt from PRJ3F1F recode)? Enter minutes or hours  EDITED UNIVERSE:  PEJ3F1 = 1 - 90  <u>VALID ENTRIES:</u>  -9 No response -8 Not applicable due to instrument error -3 Refused -2 Don't know	1335-1336

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		-1 Not in universe 1 Minutes 2 Hours	
PEJ3G	2	Would you say you first used (fill text from PRJ3GF recode) within the first 30 minutes of awakening?  EDITED UNIVERSE:  PEJ3F1 = -9, -5, -3, -2 or PEJ3F2 = -9, -3, -2  <u>VALID ENTRIES:</u>  -9 No response -8 Not applicable due to instrument error -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No 3 Varies	1337-1338
PEJ4	2	During the PAST 12 MONTHS, have you ^J4_f for stopped (fill text from PRJ4F recode) for one day or longer BECAUSE YOU WERE TRYING TO QUIT?  EDITED UNIVERSE:  Self respondent and (PEA1=2 or PEA3 = -9, -3, -2, 3) and only one of the following: #1 PEJ2A1=1 or (PEJ2A1 = 1 and PEJ2B1 = or > 12) #2 PEJ2A2=1 or (PEJ2A2 = 1 and PEJ2B2 = or > 12) #3 PEJ2A3=1 or (PEJ2A3 = 1 and PEJ2B3 = or > 12) #4 PEJ2A3_5=1 or (PEJ2A3_5 = 1 and PEJ2B3_5 = or > 12) #5 PEJ2A4=1 or (PEJ2A4 = 1 and PEJ2B4 = or > 12) #6 PEJ2A5=1 or (PEJ2A5 = 1 and PEJ2B5 = or > 12)	1339-1340



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 Yes
- 2 No

PEJ6BNUM	2	Thinking of ANY attempts to stop (fill text from PRJ6BNMF) because you were trying to quit, during the past 12 MONTHS, what is the LONGEST length of time of the ONE attempt that lasted the longest?	1341-1342
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EDITED UNIVERSE:

PEJ4 = 1

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1:99

PEJ6BUNT	2	Thinking of ANY attempts to stop (fill text from PRJ6BNMF) because you were trying to quit, during the past 12 MONTHS, what is the LONGEST length of time of the ONE attempt that lasted the longest?	1343-1344
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Enter days, weeks, or months

EDITED UNIVERSE:

PEJ6BNUM = 1 - 99

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		-1 Not in universe 1 Days 2 Weeks 3 Months	
PEJ7B1	2	(Thinking back about the last time you tried to quit (fill text from PRJ7B1F) in the past 12 months/Now I would like to ask about HOW you went about completely quitting (fill text from PRJ7B1F). When you COMPLETELY quit (fill text from PRJ7B1F), did you use: A telephone help line or quit line?  EDITED UNIVERSE:  PEJ3F1 = -9, -5, -3, -2, 1-90 or PEJ4 = 1  <u>VALID ENTRIES:</u>  -9 No response -8 Not applicable due to instrument error -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1345-1346
PEJ7B5	2	(Thinking back about the last time you tried to quit (fill text from PRJ7B1F) in the past 12 months/Now I would like to ask about HOW you went about completely quitting (fill text from PRJ7B1F). When you COMPLETELY quit (fill text from PRJ7B1F), did you use: The internet or a web-based program?  EDITED UNIVERSE:  PEJ7B1 = -9, -3, -2, 1, 2	1347-1348

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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VALID ENTRIES:

- 9 No response
- 8 Not applicable due to instrument error
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 1 Yes
- 2 No

PEK1A	2	Do you mainly work indoors or outdoors? (FR Note: If respondent has more than 1 job, have them answer for their main job)	1349-1350
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EDITED UNIVERSE:

Self response and PEMLR = 1, 2 and  
PEI01COW = 1, 2, 3, 4, 5, 10 (Not retired) and  
(Have been working for pay or employed in  
past week) and not self-employed.

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't know
- 1 Not in universe
- 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 min, etc.
- 6 varies

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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>EDITED UNIVERSE:</p> <p>PEK1A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Office building  2 Own home  3 Someone else's home  4 Another indoor place</p>	1351-1352
PEK1b11	2	<p>In which State (including DC), do you work?</p> <p>EDITED UNIVERSE:</p> <p>PUK1A=4 or PUK1B=-9, -3, -2, 1,4</p> <p><u>VALID ENTRIES:</u></p> <p>-3 Refused  -2 Don't know  -9 No response  -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</p>	1353-1354

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		54 West Virginia 55 Wisconsin 56 Wyoming 57 United States (state unknown) 88 Not in U.S.	
PEK1B2	2	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?  EDITED UNIVERSE:  PEK1A = 3  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Office building 2 Own home 3 Someone else's home 4 Another indoor place	1355-1356
PEK1C1	2	In which State (including DC), do you work on your main indoor job or business?  EDITED UNIVERSE:  PUK1B2 = -9, -3, -2, 1, 4  <u>VALID ENTRIES:</u>  -3 Refused -2 Don't know -9 No response -1 Not in universe 01 Alabama 02 Alaska 04 Arizona	1357-1358

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		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	Is smoking restricted in ANY WAY at your place of work?  EDITED UNIVERSE:  PEK1A = 4 or PEK1B = -9, -3, -2, 1, 4 or PEK1B2 = -9, -3, -2 1, 4  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1359-1360
PEK3A	2	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?  EDITED UNIVERSE:  PEK2A = 1  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Not allowed in ANY public areas	1361-1362



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		2 Allowed in SOME public areas 3 Allowed in ALL public areas 4 Not applicable	
PEK3B	2	Which of these best describes the smoking policy at your place of work for INDOOR WORK AREAS?  EDITED UNIVERSE:  PEK2A = 1  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Not allowed in ANY work areas 2 Allowed in SOME work areas 3 Allowed in ALL work areas 4 Not applicable	1363-1364
PEK3D	2	Within the PAST 12 MONTHS, has your employer offered any stop smoking program or any other help to employees who want to quit smoking?  EDITED UNIVERSE:  PEK1A = -9, -3, -2, 2, 5, 6, or PEK2A = -9, -3, -2, 2 or PEK3B = -9, -3, -2, 1, 2, 3, 4  <u>VALID ENTRIES:</u>  -9 No response -3 Refused -2 Don't know -1 Not in universe 1 Yes 2 No	1365-1366

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEK4	2	<p>Which statement best describes the rules places.</p> <p>about smoking INSIDE YOUR HOME? (FR</p> <p>Note: 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>EDITED UNIVERSE:</p> <p>Self respondent</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  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</p>	1367-1368
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>EDITED UNIVERSE:</p> <p>Self respondent</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 ALLOWED INSIDE ALL apartments or living areas</p>	1369-1370

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		2 ALLOWED INSIDE SOME apartments 3 NOT ALLOWED at ALL inside apartments	
PEK5B	2	<p>Now think about INDOOR PUBLIC OR COMMON areas in buildings with MULTIPLE apartments, such as halls, stairs, lobbies, and recreation areas. Do you THINK that smoking should be ... ALLOWED in ALL such INSIDE COMMON areas, allowed in SOME INSIDE COMMON areas, or NOT allowed at ALL in ANY INDOOR COMMON areas?</p> <p>EDITED UNIVERSE:</p> <p>Self respondent</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response -3 Refused -2 Don't know -1 Not in universe 1 Allowed in ALL INDOOR COMMON areas 2 Allowed in SOME INDOOR COMMON areas 3 NOT allowed at ALL in ANY INDOOR COMMON areas</p>	1371-1372
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>EDITED UNIVERSE:</p> <p>PEK4 = -9, -3, -2, 1, 2, 3</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response -3 Refused -2 Don't know -1 Not in universe 1 Allowed in all areas 2 Allowed in some areas 3 Not allowed at all</p>	1373-1374

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEK6C	2	<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>EDITED UNIVERSE:</p> <p>PEK6B = -9, -3, -2, 1, 2, 3</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Allowed in all areas  2 Allowed in some areas  3 Not allowed at all</p>	1375-1376
PEK6G	2	<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>EDITED UNIVERSE:</p> <p>PEK6C = -9, -3, -2, 1, 2, 3</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Allowed in all areas  2 Allowed in some areas  3 Not allowed at all</p>	1377-1378
PEK6GA	2	<p>On outdoor children's playgrounds and outdoor children's sports fields, do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL?</p>	1379-1380

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<p>EDITED UNIVERSE:</p> <p>PEK6G = -9, -3, -2, 1, 2, 3</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Allowed in all areas  2 Allowed in some areas  3 Not allowed at all</p>	
PEK6H	2	<p>Inside a car, when there are other people present, do you THINK that smoking SHOULD...</p> <p>EDITED UNIVERSE:</p> <p>PEK6GA = -9, -3, -2, 1, 2, 3</p> <p><u>VALID ENTRIES:</u></p> <p>-9 No response  -3 Refused  -2 Don't know  -1 Not in universe  1 Always be allowed  2 Be allowed under some conditions  3 Never be allowed</p>	1381-1382
PEK6H2	2	<p>IF children are present inside the car, do you think that smoking SHOULD...</p> <p>EDITED UNIVERSE:</p> <p>PEK6H = -9, -3, -2, 1, 2,</p>	1383-1384

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
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VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't Know
- 1 Not in universe
- 1 Always be allowed
- 2 Be allowed under some conditions
- 3 Never be allowed

PES78	2	Respondent relationship recode - relationship of respondent to the sample person	1385-1386
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VALID ENTRIES:

- 1 Not in universe
- 1 Self
- 2 Husband
- 3 Wife
- 4 Child
- 5 Grandchild
- 6 Grandparent
- 7 Parent
- 8 Sibling
- 9 Other relative
- 10 Non relative
- 11 Non relative
- 88 Non relative

PESINTTP	2	In what language was the interview conducted for this person?	1387-1388
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EDITED UNIVERSE:

All persons eligible for the supplement

VALID ENTRIES:

- 9 No response
- 3 Refused
- 2 Don't Know

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		-1 Not in universe 1 English 2 Spanish 3 Chinese 4 Korean 5 Vietnamese 6 Thai - Khmer 7 Other Asian or Asian unspecified 8 Other	
PES81A	2	Method of Interview  EDITED UNIVERSE:  All persons eligible for the supplement  <u>VALID ENTRIES:</u>  -1 Not in universe 1 Telephone 2 Personal visit	1389-1390
INTRVIEW	2	Interview Status Recode  EDITED UNIVERSE:  Condition 1. PENXTPR ne -3 Condition 2. (PEA1 in 1,2,-2) OR ((PEA1 in -3,-9) AND (PEJ1a# in 1,2,-2))  <u>VALID ENTRIES:</u>  -1 Not in universe 1. INTRVIEW=1 (complete interview) when conditions 1 AND 2 are met 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	1391-1392
HRMODE	2	Method of Interview	1393-1394

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -1 Not in universe 1 CAPI 2 CATI 3 Unknown	
SMOKSTAT	2	Type of smoker recode  <u>VALID ENTRIES:</u> -9 Indeterminate -1 Not in universe 1 Never smoker 2 Every day smoker 3 Some days smoker 4 Former smoker	1395-1396
PRS35	2	Respondent and Smoker Type  <u>VALID ENTRIES:</u> -9 Indeterminate -1 Not in universe 1 Self respondent, every day smoker 2 Self respondent, some day smoker 3 Self respondent, former smoker 4 Proxy respondent	1397-1398
PRS60	2	Self responding 'Not at all' smokers- smoking less than or equal to 1 year or Don't know  <u>VALID ENTRIES:</u> -1 Not in universe 1 Item PEH1NUM/PEH1UNT is less than or equal to 1 year or don't know 2 All others	1399-1400
PRS64	2	Who is responding for the supplement	1401-1402



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<u>VALID ENTRIES:</u> -1 Not in universe 1 Self 2 Proxy	
PRS65	2	Monthly Labor Force recode of Self respondents	1403-1404
		<u>VALID ENTRIES:</u> -1 Not in universe 1 Employed self respondents (PEMLR=1,2) 2 All other cases	
PRS66	2	Employed self respondents' class of worker on first job	1405-1406
		<u>VALID ENTRIES:</u> -1 Not in universe 1 In government or private industry (PEIO1COW in 1,2,3,4,5,10) 2 All other cases	
PRJ3A1F	2	Recode from fill in PEJ3a1 and PEJ3a2 to determine which tobacco product is being discussed in PEJ3a1 and PEJ3a2	1407-1408
		EDITED UNIVERSE: See PEJ3A1 universe	
		<u>VALID ENTRIES:</u> -1 Not in universe 1 Cigar 2 Regular pipe filled with tobacco 3 Hookah pipe 4 E-cigarette 5 Smokeless tobacco 6 Dissolvable tobacco 7 Cigar or regular pipe filled with tobacco 8 Cigar or hookah pipe	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		9 Cigar or regular pipe or hookah pipe	
		10 Cigar or E-cigarette	
		11 Cigar or regular pipe with tobacco or E-cigarette	
		12 Cigar or hookah pipe or E-cigarette	
		13 Cigar or regular pipe or hookah pipe or E-cigarette	
		14 Cigar or smokeless tobacco	
		15 Cigar or dissolvable tobacco	
		16 Cigar or smokeless tobacco or dissolvable tobacco	
		17 Cigar or regular pipe or smokeless tobacco	
		18 Cigar or regular pipe or dissolvable tobacco	
		19 Cigar or pipe or smokeless tobacco or dissolvable	
		20 Cigar or hookah pipe or smokeless tobacco	
		21 Cigar or hookah pipe or use dissolvable tobacco	
		22 Cigar or hookah pipe or smokeless or dissolvable	
		23 Cigar or regular pipe or hookah pipe or smokeless	
		24 Cigar or regular pipe or hookah pipe or dissolvable	
		25 Cigar, pipe, hookah, smokeless tobacco, dissolvable	
		26 Cigar or regular pipe or an E-cigarette or smokeless	
		27 Cigar or regular pipe or E-cigarette or dissolvable	
		28 Cigar, pipe, E-cigarette, smokeless, dissolvable	
		29 Cigar or hookah pipe or E-cigarette or smokeless	
		30 Cigar or hookah pipe or E-cigarette or dissolvable	
		31 Cigar, hookah, E-cigarette, smokeless, dissolvable	
		32 Cigar, pipe, hookah pipe, E-cigarette, smokeless	
		33 Cigar, pipe, hookah pipe, E-cigarette, dissolvable	
		34 Cigar, pipe, hookah, E-cigarette, smokeless, dissolvable	
		35 Cigar or E-cigarette or smokeless tobacco	
		36 Cigar or E-cigarette or dissolvable tobacco	
		37 Cigar, E-cigarette, smokeless tobacco, dissolvable	
		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 filled with tobacco or smokeless	
		43 Regular pipe filled with tobacco or dissolvable	
		44 Regular pipe or smokeless or dissolvable	
		45 Hookah pipe or smokeless tobacco	
		46 Hookah pipe or dissolvable tobacco	
		47 Hookah pipe or smokeless tobacco or dissolvable	
		48 Regular pipe or hookah pipe or smokeless tobacco	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		49 Regular pipe or hookah pipe or dissolvable tobacco	
		50 Regular pipe or hookah or smokeless or dissolvable	
		51 Regular pipe or E-cigarette or smokeless tobacco	
		52 Regular pipe or E-cigarette or dissolvable tobacco	
		53 Pipe, E-cigarette, smokeless tobacco, dissolvable	
		54 Hookah pipe or E-cigarette or smokeless tobacco	
		55 Hookah pipe or E-cigarette or dissolvable tobacco	
		56 Hookah, E-cigarette, smokeless tobacco, dissolvable	
		57 Regular pipe or hookah or E-cigarette or smokeless	
		58 Regular pipe or hookah or E-cigarette or dissolvable	
		59 Pipe, hookah , E-cigarette,smokeless, dissolvable	
		60 E-cigarette or smokeless tobacco	
		61 E-cigarette or dissolvable tobacco	
		62 E-cigarette or smokeless tobacco or dissolvable	
		63 Smokeless tobacco or dissolvable tobacco	
PRJ3DF	2	<p>Recode from fill in PEJ3d to determine which tobacco product is being discussed in PEJ3D</p> <p>EDITED UNIVERSE:</p> <p>See PEJ3D universe</p> <p><u>VALID ENTRIES:</u></p> <p>-1 Not in universe</p> <p>1 Cigar</p> <p>2 Regular pipe filled with tobacco</p> <p>3 Hookah pipe</p> <p>4 E-cigarette</p> <p>5 Smokeless tobacco</p> <p>6 Dissolvable tobacco</p> <p>7 Cigar or regular pipe filled with tobacco</p> <p>8 Cigar or hookah pipe</p> <p>9 Cigar or regular pipe or hookah pipe</p> <p>10 Cigar or E-cigarette</p> <p>11 Cigar or regular pipe with tobacco or E-cigarette</p> <p>12 Cigar or hookah pipe or E-cigarette</p> <p>13 Cigar or regular pipe or hookah pipe orE-cigarette</p> <p>14 Cigar or smokeless tobacco</p> <p>15 Cigar or dissolvable tobacco</p>	1409-1410

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		16 Cigar or smokeless tobacco or dissolvable tobacco	
		17 Cigar or regular pipe or smokeless tobacco	
		18 Cigar or regular pipe or dissolvable tobacco	
		19 Cigar or pipe or smokeless tobacco or dissolvable	
		20 Cigar or hookah pipe or smokeless tobacco	
		21 Cigar or hookah pipe or use dissolvable tobacco	
		22 Cigar or hookah pipe or smokeless or dissolvable	
		23 Cigar or regular pipe or hookah pipe or smokeless	
		24 Cigar or regular pipe or hookah pipe or dissolvable	
		25 Cigar, pipe, hookah, smokeless tobacco, dissolvable	
		26 Cigar or regular pipe or an E-cigarette or smokeless	
		27 Cigar or regular pipe or E-cigarette or dissolvable	
		28 Cigar, pipe, E-cigarette, smokeless, dissolvable	
		29 Cigar or hookah pipe or E-cigarette or smokeless	
		30 Cigar or hookah pipe or E-cigarette or dissolvable	
		31 Cigar, hookah, E-cigarette, smokeless, dissolvable	
		32 Cigar, pipe, hookah pipe, E-cigarette, smokeless	
		33 Cigar, pipe, hookah pipe, E-cigarette, dissolvable	
		34 Cigar, pipe, hookah, E-cigarette, smokeless, dissolvable	
		35 Cigar or E-cigarette or smokeless tobacco	
		36 Cigar or E-cigarette or dissolvable tobacco	
		37 Cigar, E-cigarette, smokeless tobacco, dissolvable	
		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 filled with tobacco or smokeless	
		43 Regular pipe filled with tobacco or dissolvable	
		44 Regular pipe or smokeless or dissolvable	
		45 Hookah pipe or smokeless tobacco	
		46 Hookah pipe or dissolvable tobacco	
		47 Hookah pipe or smokeless tobacco or dissolvable	
		48 Regular pipe or hookah pipe or smokeless tobacco	
		49 Regular pipe or hookah pipe or dissolvable tobacco	
		50 Regular pipe or hookah or smokeless or dissolvable	
		51 Regular pipe or E-cigarette or smokeless tobacco	
		52 Regular pipe or E-cigarette or dissolvable tobacco	
		53 Pipe, E-cigarette, smokeless tobacco, dissolvable	
		54 Hookah pipe or E-cigarette or smokeless tobacco	
		55 Hookah pipe or E-cigarette or dissolvable tobacco	

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		56 Hookah, E-cigarette, smokeless tobacco, dissolvable 57 Regular pipe or hookah or E-cigarette or smokeless 58 Regular pipe or hookah or E-cigarette or dissolvable 59 Pipe, hookah , E-cigarette, smokeless, dissolvable 60 E-cigarette or smokeless tobacco 61 E-cigarette or dissolvable tobacco 62 E-cigarette or smokeless tobacco or dissolvable 63 Smokeless tobacco or dissolvable tobacco	
PRJ3F1F	2	Recode from fill in PEJ3f1 and PEJ3f2 to determine which tobacco product is being discussed in PEJ3f1 and PEJ3f2  EDITED UNIVERSE:  See PEJ3F1 universe  <u>VALID ENTRIES:</u>  -8 Not applicable due to instrument error -1 Not in universe 1 Smoking cigars 2 Smoking regular pipes filled with tobacco 3 Smoking hookah pipes 4 Using E-cigarettes 5 Using smokeless tobacco 6 Using dissolvable tobacco	1411-1412
PRJ3GF	2	Recode from fill in PEJ3g to determine which tobacco product is being discussed in PEJ3g  EDITED UNIVERSE:  See PEJ3G universe  <u>VALID ENTRIES:</u>  -8 Not applicable due to instrument error -1 Not in universe 1 Smoking cigars 2 Smoking regular pipes filled with tobacco 3 Smoking hookah pipes	1413-1414

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		4 Using E-cigarettes 5 Using smokeless tobacco 6 Using dissolvable tobacco	
PRJ4F	2	Recode from fill in PEJ4 to determine which tobacco product is being discussed in PEJ4  EDITED UNIVERSE:  See PEJ4 universe  <u>VALID ENTRIES:</u>  -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	1415-1416
PRJ6BNMF	2	Recode from fill in PEJ6bnum and PEJ6bunt to see which tobacco product is being discussed in PEJ6bnum and PEJ6bunt  EDITED UNIVERSE:  See PEJ6bnum universe  <u>VALID ENTRIES:</u>  -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	1417-1418
PRJ7B1F	2	Recode identifying which tobacco product the respondent has quit or has tried to quit in PEJ7b1, PEJ7b5, PEJ7B7	1419-1420

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
		<p>EDITED UNIVERSE:</p> <p>(PEJ3F1 not blank) or PEJ4=1</p> <p><u>VALID ENTRIES:</u></p> <p>-8 Not applicable due to instrument error  -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</p>	
PRSIFLG	2	<p>Recode identifies person answering their own questions on the shorter proxy path.</p> <p>EDITED UNIVERSE:</p> <p>If PENXTPR3=3 SET PRSIFLG=1  ELSE IF (PENXTPR3=2 AND (PENXTPR5= PENXTPR)) SET PRSIFLG=2</p> <p><u>VALID ENTRIES:</u></p> <p>-1 Not in universe  1 CPS LF Respondent answered proxy path  2 Proxy respondent answered their own path</p>	1421-1422
PWNRWGT	10	<p>Nonresponse weight (4 implied decimal places)</p>	1423-1432
PWSRWGT	10	<p>Self response weight (4 implied decimal places)</p>	1433-1442

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<sup>i</sup> 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. More detail about these nondisclosure techniques and how they were determined will be provided at a later date.

**ATTACHMENT 8**

**SUPPLEMENT QUESTIONNAIRE**

**2014-2015 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. Allow proxy response for ALL OTHER eligible NON-selected self respondents AFTER interviewing or ATTEMPTING to interview selected SELF respondents first.

**HHCPS-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.

**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."**

**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 (I) 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. FOR ELIGIBLE NON-SELECTED SELF-RESPONDENTS TAKE A PROXY/PROXY SHORT VERSION AFTER INTERVIEWING ALL SELF-SELECTED RESPONDENTS BY SELF DURING ANY GIVEN CONTACT.)

Is this a Self or Proxy response?

- (1) Self [GO TO A1]
- (2) Proxy
- (3) Self, PROXY PATH (for non-selected for self HH CPS respondent)

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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)

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

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

[FR NOTE: 100 CIGARETTES = APPROXIMATELY 5 PACKS]

- (1) YES [GO TO A2]
- (2) NO [GO TO SECTION J]

[DON'T KNOW OR REFUSED: 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: [GO TO A2a]

ENTER AGE (01 – AGE): [GO TO A2b]

\_\_|\_\_|

- [Age >5: GO TO A2b]
- [AGE Less Than OR Equal 5: GO TO A2v]
- [DON'T KNOW OR REFUSED: GO TO A2b]

**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 [GO TO A2b]
- (2) No [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): [SKIP TO A2c]

\_\_|\_\_|

[[Age >5: GO TO A2c ]  
[AGE Less Than OR Equal 5: GO TO A2av]  
DON'T KNOW OR REFUSED: GO TO A2c]

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

- (1) Yes [GO TO A2c]
- (2) No [GO TO A2a]

**A2b In what state or country did (you/name) live when (you/he/she) started to smoke cigarettes fairly regularly?**

**FR:** Spell out the state or country name entering a text of at most 40 characters

\_\_\_\_\_ **ENTER STATE/COUNTRY NAME GO TO A3**

**[DON'T KNOW OR REFUSED: GO TO A3]**

**A2c In what state or country did (you/name) live when (you/he/she) FIRST smoked part or all of a cigarette?**

**FR:** Spell out the state or country name entering a text of at most 40 characters

\_\_\_\_\_ **ENTER STATE/COUNTRY NAME GO TO A3**

**[DON'T KNOW OR REFUSED: GO TO A3]**

**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 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**

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**SECTION B. EVERY-DAY SMOKER HISTORY/CONSUMPTION SERIES**

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

(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, R, THEN GO TO B1a  
IF B1 > 40, THEN GO TO B1v  
ELSE, THEN 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)

|\_|

[1, 2, OR 3: GO TO B2]  
[Don't Know OR Refused: 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 [GO TO B2]
- (2) No [GO TO B1]

|\_|

[Don't Know OR Refused: GO TO B2]

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

- (1) Menthol
- (2) Non-menthol
- (3) NO USUAL TYPE

|\_|

[1 or 2: GO TO B5a]  
[ 3, Don't Know OR Refused: GO TO B5a]

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

(IF NECESSARY, FR 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, R, THEN GO TO B5b ELSE, THEN GO TO <b>BA6a</b>
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**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

|\_|

[1, 2, OR 3: GO TO **BA6a**]  
[Don't know OR Refused: GO TO **BA6a**]

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

- (1) Yes [GO TO B6a]
- (2) No [GO TO B6e1]

|\_|

[Don't Know OR Refused: 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

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BOX 6  
IF B6a = (1) OR (3) OR D, R, THEN GO TO B6b  
IF B6a = (2), THEN 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]

[Don’t know OR Refused: 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]

[Don’t know OR Refused: 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 DK or R, fill “PACK”; =2, fill “CARTON”) of cigarettes?**

(1) Yes

(2) No

\_\_\_

[GO TO B6d]

[Don’t know OR Refused: GO TO B6d]

**B6d/B6d1 Did you buy your LAST (fill appropriate term here from B6a responses (=1 or 3 or DK 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, THEN GO TO B6d3**  
**ELSE IF B6d = 2, THEN GO TO B6d2**  
**ELSE IF B6d=3 → GO TO B6dOTH**  
**ELSE, THEN GO TO B6e1**

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

- (1) YES- GO TO B6e1
- (2) NO GO TO B6e1

[DON’T KNOW OR REFUSED, GO TO B6e1]

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



**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 GO TO B6e31**
- (2) No GO TO B7c**

[Don't Know OR Refused: GO TO B7c]

**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.)

<p style="text-align: center;"><b>BOX 7B</b></p> <p><b>IF B6e31 = 1, ENTER AUTOMATICALLY RESPONDENT'S STATE OF RESIDENCE IN B6e32, THEN GO TO B7c</b></p> <p><b>ELSE IF B6e31= 2, 3, THEN GO TO B6e32</b></p> <p><b>ELSE, THEN GO TO B7c</b></p>
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**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 B7c**

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

**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; ELSE IF B2 =2, 3, R, OR DK, 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?**

**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 IF B8=1, GO TO B9
- (2) Some days IF B8=2 ,GO TO B10a
- (3) Not at all IF B8 =3, **GO TO D1R** ( 3rd QUESTION IN QUIT ATTEMPT SECTION)

**IF B8=DK, 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?

(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, R, THEN GO TO D1R (3rd QUESTION IN QUIT ATTEMPT SECTION)**

**IF B9 > 40, THEN GO TO B9v**

**ELSE, THEN 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 ≡ GO TO B9

**IF B9v =1 OR B9v = D, 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?

ENTER (0) FOR NONE

Range 0-30

BOX 7D  
IF B10a = 0 OR 30, THEN GO TO B10av  
ELSE, THEN 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 = DK, R, THEN GO TO B10b  
IF B10av = 1 AND B10a= 0, THEN GO TO D1R ( 3rd QUESTION IN  
QUIT ATTEMPT SECTION)  
  
IF B10av = 2, THEN GO TO B8

**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?

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

( 1-99 ) IF > (GREATER THAN) 40, THEN GO TO D1R ( 3rd  
QUESTION IN QUIT ATTEMPT SECTION);  
ELSE IF B10b = D, R→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 GO TO B10b

**EVERY-DAY SMOKERS (A3=1) GO TO D1R ( 3rd QUESTION IN QUIT ATTEMPT SECTION)**

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

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

ENTER (0) FOR NONE

|\_|\_| (0-30)

BOX 9
IF C1 = 0 OR 30, THEN GO TO C1v
ELSE IF C1=DK, R, THEN 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 <u>AND</u> C1 = 30, THEN GO TO C1a
IF C1v = 1 <u>AND</u> C1 = 0, THEN GO TO C2
IF C1v = 2, THEN GO TO A3
IF C1v = DK, R, THEN 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 >40, GO TO C1av]

[Don't Know OR Refused: 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 [GO TO C2]
- (2) No [GO TO C1a]

|\_|

[Don't Know OR Refused: GO TO C2]

**C2 Do you usually smoke menthol or non-menthol cigarettes?**

- (1) Menthol
- (2) Non-menthol
- (3) NO USUAL TYPE

|\_|

[1 or 2: GO TO C5a\_num/unt]

[ 3, Don't Know OR Refused: GO TO C5a\_num/unt]

**C5anum/unt On the days that you smoke, how soon after you wake up do you typically smoke your first cigarette of the day?**

(IF NECESSARY, FR 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, R, THEN 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 (GO TO C6a)
- (2) No (GO TO C6e1)

[Don't Know OR Refused: **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) <u>OR</u> (3) <u>OR</u> DK, R, THEN GO TO C6b IF C6a = (2), THEN GO TO C6c
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**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**

[Don't Know OR Refused: **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

. \_\_\_ \_\_\_ C6c (0-99) ENTER THE CENTS PORTION OF THE PRICE PER CARTON

**GO TO C6c4**

[Don't Know OR Refused: **GO TO C6c4**]

**C6c4 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 DK or R, fill “PACK”; =2, fill “CARTON”) of cigarettes?**

(1) Yes

(2) No

**GO TO C6d1**

[Don't Know OR Refused: GO TO C6d1]

**C6d1 Did you buy your LAST (fill appropriate term here from C6a responses ...=1, 3, DK 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, THEN **GO TO C6d3**

ELSE IF C6d1 = 2, THEN **GO TO C6d2**

ELSE IF C6d1 = 3, THEN **GO TO C6dOTH**

ELSE, THEN **GO TO C6e1**

**C6d2 In what other state did you buy your LAST (fill appropriate term here: pack/carton from C6a responses ... =1, 3, DK 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, DK or R, fill “PACK”; = 2, fill “CARTON”) of cigarettes from an Indian reservation?**

(1)YES- GO TO C6e1

(2)NO GO TO C6e1



[DON'T KNOW OR REFUSED, GO TO C6e1]

ALL GO TO C6e1

**C6dOTH** Was the “Other Way” in which you purchased your LAST (fill appropriate term here from C6a responses ...=1, 3, DK or R, fill “PACK”; =2, fill “CARTON”) of cigarettes:

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 GO TO C6e31
- (2) No, did not buy GO TO C7a

[Don't Know OR Refused: GO TO C7a]

**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, THEN GO TO C7a  
ELSE IF C6e31 = 2, 3, THEN GO TO C6e32  
ELSE, THEN GO TO C7a

**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 C7a**

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**Past Smoking Behavior for Some-Day Smokers**

**C7a Have you EVER smoked cigarettes EVERY DAY for at least 6 months?**

- (1) Yes [GO TO C7d]
- (2) No [IF C7a = 2 AND C2=1, GO TO C7d3; ELSE IF C7a =2 AND C2=2, 3, DK, or R, GO TO C7d2]

[IF C7a = DK OR R, AND IF C2=1, GO TO C7d3; ELSE IF C7a = DK OR R, AND C2= 2, 3, DK, OR R, GO TO C7d2]

**C7d For how long did you smoke EVERY DAY**

**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; ELSE IF C2 =2, 3, R, OR DK, 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”; ELSE if C7a =2, R, or DK, 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**

**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, R, or DK, Go to C8; ELSE Go To C7e**

**C7e When you last smoked every day, on average how many cigarettes did you smoke each day?**

ENTER NUMBER OF CIGARETTES EACH DAY (1-99)

IF < = 40: GO TO C8

[If >40: GO TO C7ev]  
[Don't Know OR Refused: 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 [GO TO C8]**
- (2) No [GO TO C7e]**

[Don't Know OR Refused: GO TO C8]

**C8 Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?**

- (1) Every day IF C8 = 1 → GO TO C9**
- (2) Some days IF C8 = 2 → GO TO C10a**
- (3) Not at all IF C8 =3, GO TO BOX 18**

**IF C8 = DK, R → GO TO BOX 18**

**C9 Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?**

(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, R, THEN GO TO BOX 18**

**IF C9 > 40, THEN GO TO C9v**

**ELSE, THEN 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 → GO TO BOX 18

(2) No GO TO C9

|\_|

**DK, R → GO TO BOX 18**

**C10a Around this time 12 MONTHS AGO, on how many of the 30 days in the month did you smoke cigarettes?**

ENTER (0) FOR NONE

|\_|\_| (0 – 30)

**BOX 16C**

**IF C10a = 0 OR 30, THEN GO TO C10av**

**If C10a=D, R, THEN GO TO C10b**

**ELSE, THEN 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 = DK, R, THEN GO TO C10b  
ELSE IF C10av = 1 AND C10a= 0, THEN GO TO **BOX 18**  
ELSE IF C10av = 2, THEN GO TO C8 AND CORRECT  
ELSE GO TO C10b

**C10b** On the average, on those [fill entry C10a days; If C10a=D, 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  $\leq 40$ , THEN GO TO **BOX 18**;  
ELSE IF C10b = D, R  $\rightarrow$  GO TO **BOX 18**; IF C10b  $> 40$ , GO TO C10bv

**C10bv** I have recorded that on the average, when you smoked on those [fill entry C10a days; If C10a=D, R, then fill with “days you smoked”], you smoked [fill entry C10b] cigarettes a day. Is that correct?

- (1) Yes
- (2) No GO TO C10b AND CORRECT

BOX 18

IF ENTRY IN C1  $\geq 12$  DAYS IN THE PAST 30 DAYS,  $\rightarrow$  **D1R** (3<sup>rd</sup> question in Section D)  
ELSE IF C1i = 1 (Yes)  $\rightarrow$  **D1R** (3<sup>rd</sup> question in Section D)  
ELSE IF C1i = 2 (NO), OR C1i = DK, R  $\rightarrow$  **Da**  
ELSE IF C1  $< 12$   $\rightarrow$  **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 [GO TO D3b]  
(2) No [GO TO Db]

[Don't Know OR Refused: GO TO Db]

**Db Have you EVER TRIED to QUIT smoking COMPLETELY?**

- (1) Yes  
(2) No

All responses GO TO F1a

**PAST 12-MONTH QUIT ATTEMPTS FOR EVERY-DAY AND SOME-DAY SMOKERS  
(some day smokers smoking  $\geq$ 12 days during the past 30 days)**

**Quit attempts of 1 day or longer:**

**DIR During the PAST 12 MONTHS, have you stopped smoking for ONE DAY or longer  
BECAUSE YOU WERE TRYING TO QUIT SMOKING?**

- (1) Yes [GO TO D3]  
(2) No [GO TO D7R]

[Don't Know OR Refused: 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 = DK/REF, THEN GO TO D3b**

**ELSE IF D3 = 1, GO TO D6**

**ELSE IF D3 = 2, 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 = DK/REF, THEN GO TO D6b  
IF D6num >18 AND D6unt = 2, THEN GO TO D6v  
IF D6num > 12 AND D6unt=3, THEN GO TO D6v  
IF D6num >2 AND D6unt = 4, THEN GO TO D6v  
ELSE, THEN 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 **GO TO SECTION E BOX 21.**
- (2) No **[GO TO D6num]**

[Don't Know OR Refused: GO TO D6b]

**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 = DK/REF, 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      GO TO SECTION E BOX 21.

(2) No      [GO TO D6cnum]

[Don't Know OR Refused: GO TO D6c2]

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 [GO TO SECTION E, Box 21]

(2) No [GO TO D8R]

**[Don't Know OR Refused: 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 [GO TO F1a]

(2) No [GO TO F1a]

**[Don't Know OR Refused: 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 E1b, E1c SERIES WITH “The  
TIME,” ELSE FILL ALL OF E1b, E1c SERIES WITH “The LAST  
TIME.”**

**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**

**E1b5  Internet or web-based program or tool**

**[FR NOTE: IF ASKED, “INTERNET OR WEB-BASED PROGRAM OR TOOL”  
INCLUDES ANY APPS, SMARTPHONES, OR OTHER RELATED DEVICES.]**

**E1c The (LAST TIME / time) you tried to QUIT smoking in the past 12 months: Did you  
do ANY of the following:**

**[FR NOTE: FOR THIS QUESTION, RE-READ STEM PERIODICALLY]**

**(1) Yes**

**(2) No**

**[FR NOTE: PRONOUNCE “SNUS” TO RHYME WITH “GOOSE.”]**

**E1c2  Try to quit by SWITCHING to smokeless tobacco such as chewing  
tobacco, snuff, or snus?**

**E1c2b  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.]**

**IF E1c2b = 2 (No), D, 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, hookah-pens, e-hookahs, e-vaporizers, e-cigars, or e-pipes.

**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, hookah-pens, E-hookahs, E-vaporizers, E-cigars, or E-pipes.

- (1) Yes
- (2) No

(All responses 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 NOTE: RESPONDENTS SHOULD ANSWER “YES” IF THEY VISITED THEIR DOCTOR FOR ANY MEDICAL REASON (NOT ONLY FOR SMOKING RELATED REASONS).]**

- (1) Yes GO TO F1b**
- (2) No GO TO G1**

**[Don't Know OR Refused: GO TO G1]**

**F1b During the PAST 12 MONTHS, did any medical doctor ADVISE you to stop smoking?**

- (1) Yes GO TO G1**
- (2) No GO TO G1**

**[Don't Know OR Refused: 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 [GO TO G2]
- (2) No [GO TO G3]

[Don't Know OR Refused: GO TO G3]

**G2 Are you planning to quit within the next 30 days?**

- (1) Yes
- (2) No

All responses 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?**

IF G3 = 1, THEN 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, 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**      **\*\*\* 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 [IF H1NUM/UNT IS LESS THAN 5 MONTHS (OR EQUIVALENT), GO TO H1B; ELSE GO TO H2]
- (2) No [GO TO H1NUM]

[Don't Know OR Refused: GO TO H2]

**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

□

[Don't Know OR Refused: GO TO H2]

**IF H1B = 2, GO TO H1C; ELSE 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 NOTE: 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 = DK/REF, 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 [GO TO H1Cnum]

□

[Don't Know OR Refused: GO TO H2]

**H2** Have you **EVER** smoked cigarettes **EVERY DAY** for at least 6 months?

(1) Yes [GO TO H5]

(2) No [GO TO BOX 26]

/□/

[Don't Know OR Refused: GO TO BOX 26]

**H5** For how long did you smoke **EVERY DAY**?

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?

ENTER NUMBER OF CIGARETTES EACH DAY

(1-99)

□□ IF ≤ 40: GO TO BOX 26

[If >40: GO TO H5av]

[Don't Know OR Refused: BOX 26]

**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 [GO TO BOX 26]
- (2) No [GO TO H5a]

□□□

[Don't Know OR Refused: **BOX 26**]

**BOX 26**

IF H1 < = (LESS THAN OR EQUAL TO) 1 YEAR (12 MONTHS, 52 WEEKS, 99 DAYS), GO TO H6  
IF H1 > 3YEARS (36 MONTHS, EQUIVALENT in WEEKS and in DAYS), GO TO H11a  
ELSE, GO TO H6C2

**H6 Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?**

- (1) Every day IF H6 = 1 → GO TO H6A
- (2) Some days IF H6 =2 → GO TO H6B
- (3) Not at all

□□

[IF H6 = 3, GO TO H6C2; ELSE IF H6 = DK, R, GO TO H6C2

**H6A Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?**

**(ONE PACK USUALLY EQUALS 20 CIGARETTES. IF CONVERTING PACKS TO CIGARETTES, ALWAYS VERIFY CALCULATION WITH RESPONDENT.)**

**ENTER NUMBER OF CIGARETTES PER DAY  
(1-99)**

□□□□

**BOX26A**

IF H6A = D, R , GO TO H6C2  
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      → GO TO H6C2  
(2) No      → GO TO H6A to CORRECT

*IF H6Av = DK, R → H6C2*

**H6B** Around this time 12 MONTHS AGO, on how many of 30 days in the month did you smoke cigarettes?

ENTER (0) FOR NONE

(0-30)

<b>BOX 26B</b> <b>IF H6B = 0 OR 30, THEN GO TO H6Bv</b> <b>ELSE GO TO H6C</b>
---

**H6Bv** You said that you smoked cigarettes some days. Is that correct?

- (1) Yes  
(2) No

<b>BOX 26C</b> <b>IF (H6Bv = 1 <u>AND</u> H6B = 30 ), OR H6Bv = DK, R, GO TO H6C</b> <b>ELSE IF H6Bv = 1 <u>AND</u> H6B = 0, GO TO H6C2</b> <b>ELSE IF H6Bv = 2, GO TO H6</b>
--

**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 <= 40, GO TO H6C2; ELSE IF H6C = D, 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 [GO TO H6C]

**(Don't Know or Refused 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; ELSE IF H6C2 = 2, 3, R, DK, GO TO H6C4;**

**H6C4 Have you EVER smoked MENTHOL cigarettes for 6 months or more?**

- (1) Yes
- (2) No

**IF H6C4= 1, THEN GO TO H6C5, ELSE GO TO H6e1**

**H6C5 For how long did you smoke MENTHOL cigarettes?**

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

**H6e1** 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:

- (1) Yes
- (2) No

**H6e1**  A telephone help line or quit line

**H6e5**  The Internet or a web-based program or tool

**[FR NOTE: IF ASKED, “THE INTERNET OR A WEB-BASED PROGRAM OR TOOL” INCLUDES ANY APPS, SMARTPHONES, OR OTHER RELATED DEVICES.]**

**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

**[FR NOTE: PRONOUNCE “SNUS” TO RHYME WITH “GOOSE.”]**

**H6Fa2**  Try to quit by **SWITCHING** to smokeless tobacco such as chewing tobacco, snuff, or snus?

**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.]**

**IF H6Fa2b = 2 (No), D, 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, hookah-pens, E-hookahs, E-vaporizers, E-cigars, or E-pipes.

**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, hookah-pens, E-hookahs, E-vaporizers, E-cigars, or E-pipes.

- (1) Yes
- (2) No

GO TO H61a

**H61a** In the 12 MONTHS BEFORE you COMPLETELY quit smoking, did you SEE a medical doctor?

[FR NOTE: RESPONDENTS SHOULD ANSWER “YES” IF THEY VISITED THEIR DOCTOR FOR ANY MEDICAL REASON (NOT ONLY FOR SMOKING RELATED REASONS).]

- (1) YES GO TO H61b
- (2) NO GO TO H8a

DON'T KNOW OR REFUSED --- 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?

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

**H8aNUM** ENTER NUMBER (1 – 90)

**H8aUNT** ENTER UNIT REPORTED  
 (1) Minutes (2) Hours

<b>BOX 29</b> IF H8aNUM = 0, D, R, GO TO H8b <b>ELSE GO TO Section J</b>
--

**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 3 years ago from 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; ELSE IF H11a =2, 3, R, or DK, GO TO H11c

**H11c** Have you EVER smoked MENTHOL cigarettes for 6 months or more?

- (1) Yes
- (2) No

IF H11c= 1, THEN GO TO H11d; ELSE GO TO SECTION J

**H11d For how long did you smoke MENTHOL cigarettes?**

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**

**(1) IF VOLUNTEERED: LESS THAN ONE YEAR**

**[SKIP TO SECTION J]**



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SECTION J. OTHER TOBACCO USE-ALL RESPONDENTS

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**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:** 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 5 OR 8. 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 LITTLE FILTER CIGARS AND WINCHESTER LITTLE FILTER 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, hookah-pens, e-hookahs, or e-vaporizers. Some look like cigarettes, and others look like pens or small pipes. These are battery-powered, usually contain liquid nicotine, and produce vapor instead of smoke.

**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 CHAMBERS. THESE ITEMS CONTAIN A NICOTINE AND/OR FLAVORED LIQUID, OFTEN CALLED “E-LIQUIDS” OR “E-JUICE.” SOME OF THESE PRODUCTS LOOK LIKE REGULAR CIGARETTES OR PENS, AND SOME MORE CLOSELY RESEMBLE A SMALL PIPE OR CIGAR. POPULAR BRANDS INCLUDE “NJOY,” “BLU,” “LOGIC,” AND “VUSE.”

---

[FR NOTE: 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 GRIZZLEY 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- GARRET, AND BEECH-NUT, BUT THERE ARE OTHERS.

**Snus** IS A SPITLESS TOBACCO PRODUCT THAT MAY BE SOLD IN A TIN OR SLIDEPAK 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, DK or R) <u>AND</u> : IF PROXY RESPONDENT, GO TO S78 IF SELF RESPONDENT, GO TO BOX 34) ELSE IF ANY <b>J1a1, 2, 3, 3.5, 4, 5</b> = YES (1) GO TO <b>J2a1-5</b> FOR THOSE PRODUCTS
---

BOX 32 ASK J2a FOR <u>EACH</u> YES ENTRY IN J1a1 THROUGH <b><u>J1a5</u></b>
--

**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), THEN ASK 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- **GO TO J2a2 and J2a3 to correct and then proceed to BOX 33**

□

**GO 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 J2a1-5=3 (NOT AT ALL), ASK HOW LONG HAS IT BEEN SINCE  
YOU COMPLETELY STOPPED SMOKING // USING ...  
CIGARS / PIPES // E-CIGARETTES / SMOKELESS  
TOBACCO / DISSOLVABLE TOBACCO → Q Jd1/2**

**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= DK/REF (-2 or -3),: GO BACK TO J2a for next item (ie. pipes, etc.)**

**IF J2a= DK/REF (-2 or -3) AND IF LAST ENTRY FROM J1a1-5, THEN GO TO BOX 34**

**J2b/J2b1-4 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  
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 OR DISSOLVABLE TOBACCO CURRENT USE, GO TO JNflavr.

**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 OR DISSOLVABLE TOBACCO CURRENT USE, GO TO JNflavr.

**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—

**Ja**   (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 Jasp; 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.**

**Jasp 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?**

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

**NOTE: List of major brands for coding SEE BELOW.**

**THE UNREAD CODES FOR INTERVIEWER ENTRY ARE:**

- 1 305'S
- 2 AL CAPONE
- 3 ANTONIO Y CLEOPATRA
- 4 BACKWOODS
- 5 BLACK & MILDS
- 6 CHEYENNE
- 7 DJARUM
- 8 DUTCH MASTERS
- 9 GARCIA Y VEGA
- 10 GOOD TIMES
- 11 HAV-A-TAMPA
- 12 PHILLIES
- 13 PRIME TIME
- 14 SANTA FE
- 15 SMOKER'S CHOICE
- 16 SWISHER SWEETS
- 17 WHITE CAT
- 18 WHITE OWL
- 19 ZIG ZAG
- 20 OTHER

**IF Jc = 20, 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, J2a1-5 = 1 OR 2, ASK Jnflvr (1-3, 4-5) or Jnflv35 (for E-CIGARETTES) SEPARATELY AFTER READING THE JnflvIN ONLY ONCE IF THERE ARE ANY J2a1-5 = 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, 4-5) 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 / use dissolvable tobacco (for Jnflvr (4-5)] ..**

**..... is it usually flavored?**

(1) Yes

(2) No

**IF E-CIGARETTES ARE CURRENTLY USED (J2a3.5 = 1 OR 2) ASK Jecig(a-d); ELSE GO TO BOX Jd**

**Jecig(a-d) The next questions are about the reasons people use e-cigarettes. Please select which reasons apply to you.**

**[FR: E-CIGARETTES CAN ALSO BE CALLED VAPE-PENS, HOOKAH-PENS, E-HOOKAHS, E-VAPORIZERS, E-CIGARS, OR E-PIPES]**

**(1) Yes**

**(2) No**

**(a) I can use e-cigarettes at times when or in places where smoking cigarettes isn't allowed.**

**(b) They might be less harmful to me than cigarettes.**

**(c) They might be less harmful to people around me than cigarettes.**

**(d) Using e-cigarettes helps people to quit smoking cigarettes.**



**BOX Jd**

**FOR EACH ENTRY J2a1-5 = 3 (NOT AT ALL), GO TO Jd1/2\_1-5; ELSE GO TO Jd3.**

[FR NOTE: IF RESPONDENT HAS INDICATED THAT THE PRODUCT WAS ONLY USED ONE OR TWICE, ENTER "CTRL-R<sub>2</sub>," AND DO NOT ASK JD1/2 FOR THAT PRODUCT.]

**Jd1/2\_1-5 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 / dissolvable tobacco?**

**Jd11/2/3/3.5 /4/5** |\_\_|\_\_| NUMBER (1-99)

**Jd2 1/2/3/3.5/4/5** |\_\_| 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.]

**Jd3 ASK Jd3 SEPARATELY FOR EACH.. J1a1-5 = 1 (YES): AND J2a1-5 = 1, 2, or 3**

**Jd3 In total, how many years [fill "have you smoked/used" when J2a1-5 = 1 or 2 / "did you smoke/use" when J2a1-5 = 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 / dissolvable tobacco (fill as appropriate from J1a1-5)?**

ENTER 0 FOR LESS THAN ONE YEAR

**Jd3 1,2,3,3.5,4,5** |\_\_|\_\_| (0-99) years

**ASK Jfecgr(a-d) FOR THOSE WITH J2a3.5 = 3; ELSE GO TO BOX 34**

**Jfecgr(a-d) The next questions are about the reasons people use e-cigarettes. Please select which reasons applied to you when you used to use e-cigarettes.**

**(1) Yes**

**(2) No**

**(a) I could use e-cigarettes at times when or in places where smoking cigarettes wasn't allowed.**

**(b) They might have been less harmful to me than cigarettes.**

**(c) They might have been less harmful to people around me than cigarettes.**

**(d) Using e-cigarettes helps people to quit smoking cigarettes.**

**BOX 34**

**FOR PROXY RESPONDENT, GO TO S78**

**FOR SELF RESPONDENT:**

**IF J1a1-5= NO OR J2a = DK/Refused OR ANY COMBINATION OF THESE THREE STIPULATIONS FOR ALL SIX "OTHER" TOBACCO PRODUCTS FOR ALL ENTRIES -> GO TO 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@1-5=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’**

**If J2a5=1 or 2, fill with ‘first use dissolvables’**

**ELSE IF > 1 PRODUCT MENTIONED IN J2a IS NOW USED “EVERY DAY” OR “SOME DAYS [ANY J2a@1-5=1 OR 2] FILL J3a WITH THOSE PRODUCTS,” LIST ALL PRODUCTS NOW USED.**

**ELSE IF [(J2a=3 OR J1a = 2) 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 ONE “OTHER TOBACCO PRODUCT” J1a1- 5] AND [ ( IF A3 =3 AND H1NUM/UNT > (GREATER THAN) 1 YEAR, 12 MOS., 52 WEEKS, OR EQUIVALENCE) OR (IF A1=2, DK, R) ] THEN GO TO J3f;**

**ELSE IF [(J2a=3 OR J1a = 2) 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 ANY “OTHER TOBACCO PRODUCT” J1a1, 2, 3, 3.5, 4, OR 5] 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.**

**J3a How soon after you wake up do you typically [FILL WITH APPROPRIATE STEM AND ENDING BASED ON RESPONSES TO J2A1-5—SEE BOX 39 ABOVE]?**

**(IF NECESSARY, FR ASK FOR BEST ANSWER IN MINUTES OR HOURS)**

**[FR NOTE: 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 ENTER NUMBER (0 - 90)**

**J3a2 ENTER UNIT REPORTED**

(1) Minutes (2) Hours

**IF J3a = 0, D, or R, THEN GO TO J3d; ELSE GO TO BOX 39A**

**J3d Would you say you first .. [FILL WITH APPROPRIATE STEM AND ENDING BASED ON RESPONSES IN J2a1-5 SIMILAR TO J3a....smoke a cigar/ pipe// use ... an e-cigarette/ smokeless tobacco / dissolvable 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/pipes)// using... (E- cigarettes/smokeless tobacco/dissolvable tobacco), how soon after you woke up did you typically [fill with appropriate stem and ending based on responses to J2a1-5] smoke your first ....cigar ./ pipe-// - use your first e-cigarette // first use ..... smokeless tobacco / dissolvable tobacco?**

**(IF NECESSARY, FR ASK FOR BEST ANSWER IN MINUTES OR HOURS)**

**[FR NOTE: 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, THEN GO TO J3g; ELSE GO TO BOX 39A**

**J3g** Would you say you first used {fill..... cigars/ pipes/ e-cigarettes/ smokeless tobacco/ dissolvable tobacco//}... within the first 30 minutes of awakening?

- (1) Yes
- (2) No
- (3) Varies— **DO NOT READ**

<p><b>BOX 39A</b></p> <p><b>IF A3 = 1 OR 2 (CURRENT CIGARETTE SMOKER) GO TO SECTION K DO NOT ASK J4-J7</b></p> <p><b>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 <u>OR</u> (J2a =2 AND J2b ≥ 12 days)], THAT PRODUCT IS USED FOR J4-J7—GO TO J4</b></p> <p><b>ELSE IF &gt; 1 PRODUCT MENTIONED IN J2a [J2a =1 <u>OR</u> J2a =2], GO TO SECTION K</b></p> <p><b>ELSE IF [(J2a=3 OR J1a = 2) 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) <u>FOR ONLY ONE “OTHER TOBACCO PRODUCT”</u> J1a1-5] AND [ (IF A3 =3 AND H1NUM/UNT &gt; 1 YEAR, 12 MOS., 52 WEEKS, OR OTHER EQUIVALENCE) OR (IF A1=2, D, R) ] , THEN GO TO <u>BOX J7b.</u></b></p> <p><b>ELSE, THEN GO TO SECTION K</b></p>
---

**J4** During the PAST 12 MONTHS, have you stopped smoking // using [fill entry based on BOX 39A—cigars / pipes // e-cigarettes / smokeless tobacco / dissolvable tobacco] for one day or longer BECAUSE YOU WERE TRYING TO QUIT?

- (1) Yes → GO TO **J6b**
  - (2) No → GO TO SECTION K
- IF J4 = D, R → GO TO SECTION K

**J 6b** Thinking of ANY attempts to stop smoking ...// using ... [fill entry same as J4 fill – cigars/pipes // E-cigarettes/ smokeless tobacco / dissolvable 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 NOTE: 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 → GO TO J7b

**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/ dissolvable tobacco] in the past 12 months because you were TRYING to quit was [fill entry J6bnum/J6bunt]? Is that correct?

- (1) Yes GO TO J7b
- (2) No → GO TO J6bnum/unt TO CORRECT

**BOX J7b--** For J7b -- Use alternative wording for those who met criteria in BOX 39A for recent former users of one “other tobacco product : ELSE IF [(J2a=3 OR J1a = 2) FOR ALL J1a1- 5 AND [Jd1/2 LESS THAN OR EQUAL TO 1 YEAR, 12 MONTHS, 52 WEEKS, 99DAYS (i.e., 1 YEAR EQUIVALENCE) FOR ONLY ONE “OTHER TOBACCO PRODUCT” J1a1-5] AND [ ( IF A3 =3 AND H1NUM/UNT > 1 YEAR, 12 MOS., 52 WEEKS, OR EQUIVALENCE) OR (IF A1=2, D, R) ] THEN GO TO J7b.)

Alternative wording: J7b “Now I would like to ask about HOW you went about completely quitting smoking...cigars / pipes // using ... e-cigarettes / smokeless tobacco / dissolvable tobacco. When you COMPLETELY quit smoking ... cigars/pipes // using... e-cigarettes / smokeless tobacco / dissolvable tobacco, did .....

**J7b** Thinking back about the last time you tried to quit [fill entry Box 39A—smoking cigars/ smoking pipes/ using e-cigarettes / using smokeless tobacco/ using dissolvable tobacco] in the past 12 months .....// SUBSTITUTE ALTERNATIVE WORDING FOR RECENT FORMER USER OF OTHER TOBACCO PRODUCT-- CRITERIA FROM BOX 39A/ BOX J7b-- above//.....:

**J7b1 DID you use ANY of the following://USE ALTERNATIVE WORDING FOR RECENT FORMER USER OF OTHER TOBACCO PRODUCT//:**

- (1) Yes
- (2) No

**J7b1  A telephone help line or quit line?**

**J7b5  The Internet or web-based program or tool?**

**[FR NOTE: IF ASKED, “THE INTERNET OR A WEB-BASED PROGRAM OR TOOL” INCLUDES ANY APPS, SMARTPHONES, OR OTHER RELATED DEVICES.]**

**GO TO SECTION K**

**SECTION K. WORKPLACE POLICY, HOME RULES, PUBLIC OPINION ABOUT  
SMOKING IN PUBLIC VENUES**

**– ALL SELF RESPONDENTS**

<p><b>BOX41 -- CONTEXT FOR K1- K3 SERIES: IF NOT RETIRED <u>AND</u> HAVE BEEN WORKING FOR PAY OR EMPLOYED IN PAST WEEK <u>AND</u> ARE NOT SELF-EMPLOYED:</b></p>
--

**K1a The next questions are about your place of work.**

**[FR NOTE: IF RESPONDENT HAS MORE THAN 1 JOB, HAVE THEM ANSWER FOR  
THEIR MAIN JOB.]**

**K1a. Do you mainly work indoors or outdoors?**

**[FR NOTE: DO NOT READ THE FIRST 2 CATEGORIES UNLESS NECESSARY. NEVER  
READ THE REMAINING CATEGORIES.]**

(1) Indoors [SKIP TO K1b]

(2) Outdoors [SKIP TO K3d]

(3) About equally indoors and outdoors [**SKIP TO K1b2**]

(4) Works mainly indoors in a non-traditional environment such as warehouse or other similar  
large semi-structured area --[**SKIP TO K1b1**]

(5) Mainly travel around to different clients or sites or mainly in a motor  
vehicle/bus/train/boat/airplane/underground/in a mine, etc. [SKIP TO K3d]

(6) Varies [**SKIP TO K3d**]

**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 [**SKIP TO K1b1**]

(2) Own home [**SKIP TO K4**]

(3) Someone else's home [**SKIP TO K4**]

(4) Another indoor place [**SKIP TO K1b1**]

**DON'T KNOW OR REFUSED [SKIP TO K1b1]**



**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 [SKIP TO K1c]
- (2) Own home [SKIP TO K4]
- (3) Someone else's home [SKIP TO K4]
- (4) Another indoor place [SKIP TO K1c]

DON'T KNOW OR REFUSED [SKIP TO K1c]

**K1c In which State (including DC) do you work on your main indoor job or business?**

ENTER 2 LETTER STATE ABBREVIATION

**K2a. Is smoking restricted in ANY WAY at your place of work?**

[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 [SKIP TO K3d ]

DON'T KNOW OR REFUSED [SKIP TO K3d ]

**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?**

READ THE FIRST 3 ANSWER CATEGORIES ONLY

- (1) Not allowed in ANY public areas
- (2) Allowed in SOME public areas
- (3) Allowed in ALL public areas

ENTER (4) IF NOT APPLICABLE

**K3b Which of these best describes the smoking policy at your place of work for INDOOR WORK AREAS?**

READ THE FIRST 3 ANSWER CATEGORIES ONLY

- (1) Not allowed in ANY work areas
- (2) Allowed in SOME work areas
- (3) Allowed in ALL work areas

ENTER (4) IF NOT APPLICABLE

**K3d Within the PAST 12 MONTHS, has your employer offered any stop smoking program or any other help to employees who want to quit smoking?**

- (1) YES
- (2) NO

**K4 The final set of questions are about your home and other places.**

**K4 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

**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

**K5b. Now think about INDOOR PUBLIC OR COMMON areas in buildings with MULTIPLE apartments, such as halls, stairs, lobbies, and recreation areas. Do you THINK that smoking should be ALLOWED in ALL such INSIDE COMMON areas, allowed in SOME INSIDE COMMON areas, or NOT allowed at ALL in ANY INDOOR COMMON areas?**

1. Allowed in ALL INDOOR COMMON areas
2. Allowed in SOME INDOOR COMMON areas
3. NOT allowed at ALL in ANY INDOOR COMMON areas

|\_ |

**K6 (In/Inside/On ..... READ PLACE LISTED BELOW), do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL.**

**(FR: READ SENTENCE SUBSTITUTING EACH PLACE LISTED BELOW, DROPPING THE STEM AS NECESSARY AFTER THE FIRST FEW TIMES.)**

- (1) Allowed in ALL areas
- (2) Allowed in SOME areas
- (3) NOT Allowed at ALL

**K6b In Indoor work areas. .... ==>|\_ |**

**K6c Inside Bars, cocktail lounges, and clubs ... ==>|\_ |**

**K6g Inside casinos ..... == > |\_ |**

**K6ga On Outdoor children's playgrounds and outdoor children's sports fields, ..... == > |\_ |**

**GO TO K6h;**

**K6h Inside a car, when there are other people present, do you THINK that smoking SHOULD...**

- (1) Always be allowed, GO TO K6h2
- (2) Be allowed under some conditions, or GO TO K6h2
- (3) Never be allowed? GO TO SINTTP

|\_ |

**DON'T KNOW OR REFUSED GO TO K6h2**

**K6h2 IF children are present inside the car, do you think that smoking SHOULD...**

- (1) Always be allowed,
- (2) Be allowed under some conditions, or
- (3) Never be allowed?

**(GO TO SINTTP)**

**S78 \*\*\* DO NOT READ \*\*\***

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.

<b>CENSUS CODE</b>	<b>DESCRIPTION</b>	<b>NAICS CODE</b>
<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 (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. 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. 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, 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	Ordnance	332992 to 332995
2980	Miscellaneous fabricated metal products manufacturing	3325, 3326, 3329 exc. 332992, 332993, 332994, 332995
2990	Not specified metal industries	Part of 331 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, 3359
3570	Motor vehicles and motor vehicle equipment manufacturing	3361, 3362, 3363
3580	Aircraft and parts manufacturing	336411 to 336413
3590	Aerospace products and parts manufacturing	336414, 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, 321992
3875	Miscellaneous wood products	3219 exc. 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. 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. 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. 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, 44312
4870	Building material and supplies dealers	4441 exc. 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. 44611
5090	Gasoline stations	447
5170	Clothing and accessories, except shoe, stores	448 exc. 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, 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, 4854, 4855, 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. 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. 5171
6695	Data processing, hosting, and related services	518
6770	Libraries and archives	51912
6780	Other information services	5191 exc. 51912, 51913
<b>Finance, Insurance, Real Estate, and Rental and Leasing</b>		
<b>Finance and Insurance</b>		
6870	Banking and related activities	521, 52211, 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, 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. 54194
<b>Management, Administrative and Support, and Waste Management Services</b>		
<b>Management of companies and enterprises</b>		
7570	Management of companies and enterprises	551
<b>Administrative and support and waste management services</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. 56173
	(except cleaning during construction and immediately after construction)	7770
7770	Landscaping services	56173
7780	Other administrative and other support services	5611, 5612, 5619
7790	Waste management and remediation services	562

<b>CODE</b>	<b>DESCRIPTION</b>	<b>INDUSTRY CODE</b>
<i>Educational, Health and Social Services</i>		
<b>Educational Services</b>		
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
<b>Health Care and Social Assistance</b>		
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. 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, 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
<i>Arts, Entertainment, Recreation, Accommodation, and Food Services</i>		
<b>Arts, Entertainment, and Recreation</b>		
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. 71395
<b>Accommodation and Food Service</b>		
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

<b>CODE</b>	<b>DESCRIPTION</b>	<b>INDUSTRY CODE</b>
<b>Other Services (Except Public Administration)</b>		
8770	Automotive repair and maintenance	8111 exc. 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, 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, 8134
9180	Labor unions	81393
9190	Business, professional, political, and similar organizations	8139 exc. 81393
9290	Private households	814
<b>Public Administration</b>		
9370	Executive offices and legislative bodies	92111, 92112, 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.

<b>CODE</b>	<b>DESCRIPTION</b>	<b>INDUSTRY CODE</b>
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.

<b>2010 CENSUS CODE</b>	<b>DESCRIPTION</b>	<b>2010 SOC CODE</b>
<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 prepares 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	

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**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

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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

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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

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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.

<b>CODE</b>	<b>CODE DESCRIPTION</b>	<b>OCCUPATION CODE</b>
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 May 2014)**

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.

Care should be taken when tallying smaller areas, such as smaller cities, counties and metropolitan areas during the time frame of May 2014-July 2015. This is because we will be phasing in a new set of geographic areas to coincide with the phase-in of a new sample based on the results of the 2010 Census. Some smaller areas will be phasing-out or phasing-in during this time frame and estimates for such areas will fluctuate wildly during this time period and not be as accurate as they will be prior to May 2014 or after July 2015.

## LIST 1: FIPS Metropolitan Area (CBSA) Codes

Unless otherwise noted, Metropolitan Areas are defined using February 28, 2013 OMB definitions. Those with an \* are defined using the June 30, 2003 definitions.

FIPS Code	Metropolitan (CBSA) TITLE
10180	Abilene, TX
10420	Akron, OH
10500	Albany, GA
10580	Albany-Schenectady-Troy, NY
10740	Albuquerque, NM
10900	Allentown-Bethlehem-Easton, PA-NJ
11020	Altoona, PA
11100	Amarillo, TX
11300	Anderson, IN*
11340	Anderson, SC*
11460	Ann Arbor, MI
11500	Anniston-Oxford-Jacksonville, AL
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
13380	Bellingham, WA*
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



FIPS Code	Metropolitan (CBSA) TITLE
14060	Bloomington-Normal, IL*
14260	Boise City, ID
14460	Boston-Cambridge-Newton, MA-NH
14500	Boulder, CO
14540	Bowling Green, KY
14740	Bremerton-Silverdale, WA*
14860	Bridgeport-Stamford-Norwalk, CT
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
17860	Columbia, MO
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
19460	Decatur, Al

FIPS Code	Metropolitan (CBSA) TITLE
19500	Decatur, IL
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
20260	Duluth, MN-WI
20500	Durham-Chapel Hill, NC
20700	East Stroudsburg, PA
20740	Eau Claire, WI
20940	El Centro, CA
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
23020	Fort Walton Beach-Crestview-Destin, FL*
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, SC
25060	Gulfport-Biloxi, MS*
25180	Hagerstown-Martinsburg, MD-WV
25260	Hanford-Corcoran, CA
25420	Harrisburg-Carlisle, PA

FIPS Code	Metropolitan (CBSA) TITLE
25500	Harrisonburg, VA*
25540	Hartford-West Hartford-East Hartford, CT
25860	Hickory-Morganton-Lenoir, NC
25940	Hilton Head Island-Bluffton-Beaufort, SC
26100	Holland-Grand Haven, MI*
26180	Honolulu, HI*
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
27260	Jacksonville, FL
27340	Jacksonville, NC
27500	Janesville-Beloit, WI
27740	Johnson City, TN
27780	Johnstown, PA
27900	Joplin, MO*
27980	Kahului-Wailuku-Lahaina, HI
28020	Kalamazoo-Portage, MI
28100	Kankakee-Bradley, IL*
28140	Kansas City, MO-KS
28420	Kennewick-Richland, WA
28660	Killeen-Temple-Fort Hood, TX
28700	Kingsport-Bristol, TN-VA
28740	Kingston, NY*
28940	Knoxville, TN
29100	La Crosse, WI-MN*
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
29940	Lawrence, KS*
30020	Lawton, OK*
30340	Lewiston-Auburn, ME

FIPS Code	Metropolitan (CBSA) TITLE
30460	Lexington-Fayette, KY
30780	Little Rock-North Little Rock, AR
30980	Longview, TX
31080	Los Angeles-Long Beach-Anaheim, CA (Note the CBSA code change between 2003 and 2013)
31100	Los Angeles-Long Beach-Santa Ana, CA*
31140	Louisville, KY-IN
31180	Lubbock, TX
31340	Lynchburg, VA*
31420	Macon, GA
31460	Madera, CA*
31540	Madison, WI
31700	Manchester-Nashua, NH
32580	McAllen-Edinburg-Mission, TX
32780	Medford, OR
32820	Memphis, TN-MS-AR
32900	Merced, CA*
33100	Miami-Fort Lauderdale-West Palm Beach, FL
33140	Michigan City-La Porte, IN*
33260	Midland, TX*
33340	Milwaukee-Waukesha-West Allis, WI
33460	Minneapolis-St Paul-Bloomington, MN-WI
33660	Mobile, AL
33700	Modesto, CA
33740	Monroe, LA
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
34900	Napa, CA*
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 recoded to balance of metropolitan)
35660	Niles-Benton Harbor, MI
35840	North-Port-Sarasota-Bradenton, FL
35980	Norwich-New London, CT
36100	Ocala, FL

FIPS Code	Metropolitan (CBSA) TITLE
36140	Ocean City, NJ*
36220	Odessa, TX
36260	Ogden-Clearfield, UT
36420	Oklahoma City, OK
36500	Olympia, WA*
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
39100	Poughkeepsie-Newburgh-Middletown, NY*
39140	Prescott, AZ
39300	Providence-Warwick, RI-MA
39340	Provo-Orem, UT
39380	Pueblo, CO*
39460	Punta Gorda, FL*
39540	Racine, WI
39580	Raleigh, NC
39740	Reading, PA
39820	Redding, CA
39900	Reno-Sparks, NV*
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
41060	St. Cloud, MN*
41100	St. George, UT
41180	St. Louis, MO-IL
41420	Salem, OR

FIPS Code	Metropolitan (CBSA) TITLE
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
42060	Santa Barbara-Santa Maria-Goleta, CA*
42100	Santa Cruz-Watsonville, CA
42140	Santa Fe, NM
42220	Santa Rosa-Petaluma, CA
42260	Sarasota-Bradenton-Venice, FL*
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
44220	Springfield, OH*
44700	Stockton, CA
45060	Syracuse, NY
45220	Tallahassee, FL
45300	Tampa-St. Petersburg-Clearwater, FL
45460	Terre Haute, IN
45780	Toledo, OH
45820	Topeka, KS
45940	Trenton, NJ
46060	Tucson, AZ
46140	Tulsa, OK
46220	Tuscaloosa, AL*
46340	Tyler, TX
46520	Urban Honolulu, HI
46540	Utica-Rome, NY
46660	Valdosta, GA*
46700	Vallejo-Fairfield, CA

FIPS Code	Metropolitan (CBSA) TITLE
46940	Vero Beach, FL
47020	Victoria, TX*
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
49420	Yakima, WA*
49620	York-Hanover, PA
49660	Youngstown-Warren-Boardman, OH-PA
49740	Yuma, AZ

**NOTE:** The following NECTA codes are being converted to their CBSA codes as the new sample phases-in. Both codes will need to be used during the phase-in period to properly tally these areas. This transition also applies to CBSAs that changed their codes between the 2003 and 2013. The phase-in period extends from May 2014 until July 2015.

FIPS Code	Metropolitan (CBSA) TITLE
70750	Bangor, ME
70900	Barnstable Town, MA
71650	Boston-Cambridge-Quincy, MA-NH
71950	Bridgeport-Stamford-Norwalk, CT
72400	Burlington-South Burlington, VT
72850	Danbury, CT
73450	Hartford-West Hartford-East Hartford, CT
74500	Leominster-Fitchburg-Gardner, MA
75700	New Haven, CT
76450	Norwich-New London, CT-RI
76750	Portland-South Portland, ME
77200	Providence-Fall River-Warwick, RI-MA
77350	Rochester-Dover, NH-ME
78100	Springfield, MA-CT
78700	Waterbury, CT
79600	Worcester, MA-CT



**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 Component Parts (CBSA's)
104	10580 24020	Albany-Schenectady, NY Albany-Schenectady-Troy, NY Glen Falls, NY
106	10740 42140	Albuquerque-Santa Fe-Las Vegas, NM Albuquerque, NM Santa Fe, NM
118	11540 36780	Appleton-Oshkosh-Neenah, WI Appleton, WI Oshkosh-Neenah, WI
122	12020 12060 23580	Atlanta--Athens-Clarke County—Sandy Springs, GA Athens-Clarke County, GA Atlanta-Sandy Springs-Roswell, GA Gainesville, GA
148	12700 14460 31700 39300 49340	Boston-Worcester-Providence, MA-RI-NH-CT Barnstable Town, MA Boston-Cambridge-Newton-MA-NH Manchester-Nashua, NH Providence-Warwick, RI-MA Worcester, MA-CT
162	15980 34940	Cape Coral-Fort Myers-Naples, FL Cape Coral, FL Naples-Immokalee-Marco Island, FL
168	16300 26980	Cedar Rapids-Iowa City, IA Cedar Rapids, IA Iowa City, IA

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
170	16620 26580	Charleston-Huntington-Ashland, WV-OH-KY Charleston, WV Huntington-Ashland, WV-KY-OH
174	16860 17420	Chattanooga-Cleveland-Dalton, TN-GA Chattanooga, TN-GA Cleveland, TN
176	16980 28100 33140	Chicago-Naperville-Michigan City, IL-IN-WI Chicago-Naperville-Elgin, IL-IN-WI Kankakee-Bradley, IL Michigan City-La Porte, IN
184	10420 15940 17460	Cleveland-Akron-Canton, OH (part) Akron, OH Canton-Massillon, OH Cleveland-Elyria-Mentor, OH
194	12220 17980	Columbus-Auburn-Opelika, GA-AL Auburn-Opelika, AL Columbus, GA
206	19100 43300	Dallas-Fort Worth, TX-OK Dallas-Fort Worth-Arlington, TX Sherman-Dennison, TX
212	19380 44220	Dayton-Springfield, OH Dayton, OH Springfield, OH
216	14500 19740 24540	Denver-Aurora, CO Boulder, CO Denver-Aurora-Lakewood, CO Greeley, CO
220	11460 19820 22420 33780	Detroit-Warren-Ann Arbor, MI Ann Arbor, MI Detroit-Warren-Dearborn, MI Flint, MI Monroe, MI

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
238	21340 29740	El Paso-Las Cruces, TX-NM El Paso, TX Las Cruces, NM
260	23420 31460	Fresno-Madera, CA Fresno, CA Madera, CA
266	24340 26100 34740	Grand Rapids-Wyoming-Muskegon, MI Grand Rapids-Wyoming, MI Holland-Grand Haven, MI* Muskegon-Norton Shores, MI
268	15500 24660 49180	Greensboro--Winston-Salem--High Point, NC Burlington, NC Greensboro-High Point, NC Winston-Salem, NC
272	11340 24860	Greenville-Anderson-Seneca, SC Anderson, SC Greenville, SC
273	24860 43900	Greenville-Spartanburg-Anderson, SC Greenville-Anderson-Mauldin, SC Spartanburg, SC
276	25420 49620	Harrisburg-York-Lebanon, PA Harrisburg-Carlisle, PA York-Hanover, PA
278	25540 35980	Hartford-West Hartford, CT Hartford-West Hartford-East Hartford, CT Norwich-New London, CT
290	19460 26620	Huntsville-Decatur, AL Decatur, AL Huntsville, AL

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
294	11300 26900	Indianapolis-Anderson-Columbus, IN Anderson, IN Indianapolis, IN
304	27740 28700	Johnson City-Kingsport-Bristol, TN-VA (part) Johnson City, TN Kingsport-Bristol, TN-VA
310	12980 28020	Kalamazoo-Battle Creek-Portage, MI Battle Creek, MI Kalamazoo-Portage, MI
340	30780 38220	Little Rock-North Little Rock, AR Little Rock-North Little Rock-Conway, AR Pine Bluff, AR
348	31100 37100 40140	Los Angeles-Long Beach-Riverside, CA Los Angeles-Long Beach-Santa Ana, CA Oxnard-Thousand Oaks-Ventura, CA Riverside-San Bernardino-Ontario, CA
356	31420 47580	Macon-Warner Robins-Fort Valley, GA Macon, GA Warner Robins, GA
357	27500 31540	Madison-Janesville-Beloit, WI Janesville-Beloit, WI Madison, WI
370	33100 38940	Miami-Fort Lauderdale-Port St. Lucie, FL Miami-Fort Lauderdale-West Palm Beach, FL Port St. Lucie
376	33340 39540	Milwaukee-Racine-Waukesha, WI Milwaukee-Waukesha-West Allis, WI Racine, WI
378	33460 41060	Minneapolis-St. Paul-St. Cloud, MN Minneapolis-St. Paul-Bloomington, MN St. Cloud, MN

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
380	19300 33660	Mobile-Daphne-Fairhope, AL Daphne-Fairhope, AL Mobile, AL
408	10900 14860 20700 28740 35300 35620 45940	New York-Newark-Bridgeport, NY-NJ-CT-PA (part) Allentown-Bethlehem-Easton, PA_NJ Bridgeport-Stamford-Norwalk, CT East Stroudsburg, PA Kingston, NY New Haven-Milford, CT New York-Newark-Jersey City, NY-NJ-PA Trenton-Ewing, NJ
422	19660 36740	Orlando-Deltona-Daytona Beach, FL Deltona-Daytona Beach-Ormond Beach, FL Orlando-Kissimmee-Sanford, FL
428	12100 20100 37980 39740 47220	Philadelphia-Reading-Camden, PA-NJ-DE-MD Atlantic City-Hammonton, NJ Dover, DE Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Reading, PA Vineland-Bridgeton, NJ
438	30340 38860	Portland-Lewiston-South Portland, ME Lewiston-Auburn, ME Portland-South Portland, ME
440	38900 41420	Portland-Vancouver-Salem, OR-WA Portland-Vancouver-Hillsboro, OR-WA Salem, OR
450	20500 39580	Raleigh-Durham-Cary, NC Durham-Chapel Hill, NC Raleigh, NC
482	36260 39340 41620	Salt Lake City-Provo-Orem, UT Ogden-Clearfield, UT Provo-Orem, UT Salt Lake City, UT

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
488		San Jose-San Francisco-Oakland, CA
	34900	Napa, 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
	14740	Bremerton-Silverdale, WA*
	34580	Mount Vernon-Anacortes, WA
	36500	Olympia, WA*
	42660	Seattle-Tacoma-Bellevue, WA
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

\* Areas in the 2000 based sample but not in the 2010 based sample.

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
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**NOTE:** As with the NECTA codes, these CNECTA codes are being phased-out.

715		Boston-Worcester-Manchester, MA-NH-CT-ME
	71650	Boston-Cambridge-Quincy, MA-NH NECTA
	74500	Leominster-Fitchburg-Gardner, MA NECTA
	79600	Worcester, MA-CT NECTA

720		Bridgeport-New Haven-Stamford, CT
	71950	Bridgeport-Stamford-Norwalk, CT NECTA
	72850	Danbury, CT NECTA
	75700	New Haven, CT NECTA
	78700	Waterbury, CT NECTA

### 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 Code	Title 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	
37100	Oxnard-Thousand Oaks-Ventura, CA	
	Oxnard	1
	Thousand Oaks	2



CBSA Code	Title City	GTINDVPC
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
	Oakland	2
	Fremont	3
	Hayward	4
	Berkeley	5
41940	San Jose-Sunnyvale-Santa Clara, CA	
	San Jose	1
	Sunnyvale	2
	Santa Clara	3
46700	Vallejo-Fairfield, CA	
	Vallejo	1
	Fairfield	2
19740	Denver-Aurora-Lakewood, CO	
	Denver	1
	Lakewood	2
14860	Bridgeport-Stamford-Norwalk, CT	
	Bridgeport	1
	Stamford	2

CBSA Code	Title City	GTINDVPC
5540	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
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
26900	Indianapolis-Carmel-Anderson, IN Indianapolis	1
28140	Kansas City, MO-KS Kansas portion Kansas City	1
	Overland Park	2
	Missouri portion Kansas City	1
35380	New Orleans-Metairie, LA New Orleans	1
	Metairie	2

CBSA Code	Title City	GTINDVPC
12580	Baltimore-Columbia-Towson, MD Baltimore	1
14460	Boston-Cambridge-Newton, MA-NH Massachusetts portion Boston Cambridge	1 2
19820	Detroit-Warren-Dearborn, MI Wayne County Detroit Livonia Macomb County Warren	1 2 1
33460	Minneapolis-St. Paul-Bloomington, MN-WI Minneapolis St. Paul	1 2
29820	Las Vegas-Henderson--Paradise, NV Las Vegas Paradise Henderson	1 2 3
35620	New York-Newark- Jersey City, NY-NJ-PA New Jersey portion Newark Jersey City New York portion New York	1 2 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

CBSA Code	Title City	GTINDVPC
39300	Providence-Warwick, RI-MA Rhode Island portion Providence	1
34980	Nashville-Davidson—Murfreesboro—Franklin, TN Nashville-Davidson	1
19100	Dallas-Fort Worth-Arlington, TX Dallas Fort Worth Carrollton Plano Irving Arlington	1 2 3 4 5 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 Norfolk Newport News	1 2 3
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV Virginia portion only Arlington Alexandria	1 2
42660	Seattle-Tacoma-Bellevue, WA Seattle Tacoma Bellevue Everett	1 2 3 4
33340	Milwaukee-Waukesha-West Allis, WI 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.

FIPS County Code	County Name	State
<b>Alabama</b>		
003	Baldwin*	
015	Calhoun	
073	Jefferson	
081	Lee	
097	Mobile	
117	Shelby	
<b>Arizona</b>		
003	Cochise*	
013	Maricopa	
015	Mohave*	
019	Pima	
021	Pinal	
025	Yavapai	
027	Yuma	
<b>Arkansas</b>		
119	Pulaski	
<b>California</b>		
001	Alameda	
007	Butte	
017	El Dorado	
019	Fresno	
025	Imperial	
029	Kern	
031	Kings	
037	Los Angeles	

FIPS County Code	County Name	State
039	Madera	
047	Merced	
053	Monterey	
055	Napa	
059	Orange	
061	Placer	
065	Riverside	
067	Sacramento	
073	San Diego	
075	San Francisco	
077	San Joaquin	
079	San Luis Obispo	
081	San Mateo	
083	Santa Barbara	
087	Santa Cruz	
089	Shasta	
095	Solano	
097	Sonoma	
099	Stanislaus	
107	Tulare	
111	Ventura	
113	Yolo	

### **Colorado**

013	Boulder	
031	Denver	
035	Douglas	
059	Jefferson	
069	Larimer	
101	Pueblo	
123	Weld	

### **Connecticut**

001	Fairfield	
005	Litchfield*	
009	New Haven	
011	New London	
015	Windham	

FIPS County Code	County Name	State
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**Delaware**

001	Kent	
003	New Castle	
005	Sussex *	

**District of Columbia**

001	District of Columbia	
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**Florida**

001	Alachua	
005	Bay	
009	Brevard	
011	Broward	
015	Charlotte	
019	Clay	
021	Collier	
033	Escambia	
053	Hernando	
057	Hillsborough	
061	Indian River	
069	Lake	
071	Lee	
083	Marion	
085	Martin	
086	Miami-Dade	
091	Okaloosa	
095	Orange	
099	Palm Beach	
101	Pasco	
103	Pinellas	
105	Polk	
109	St. Johns	
111	St. Lucie	
113	Santa Rosa	
117	Seminole	
127	Volusia	

FIPS County Code	County Name	State
<b>Georgia</b>		
015	Bartow	
045	Carroll	
057	Cherokee	
063	Clayton	
077	Coweta	
097	Douglas	
113	Fayette	
117	Forsythe	
135	Gwinnett	
139	Hall	
151	Henry	
153	Houston	
223	Paulding	
<b>Hawaii</b>		
001	Hawaii*	
003	Honolulu	
<b>Idaho</b>		
055	Kootenai	
<b>Illinois</b>		
091	Kankakee	
097	Lake	
099	LaSalle	
111	McHenry	
113	McLean	
115	Macon	
119	Madison	
163	St. Clair	
179	Tazewell	



FIPS County Code	County Name	State
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**Indiana**

019	Clark
039	Elkhart
063	Hendricks
081	Johnson
089	Lake
091	LaPorte
095	Madison
105	Monroe
141	St. Joseph
157	Tippecanoe

**Iowa**

103	Johnson
113	Linn
153	Polk
163	Scott

**Kansas**

045	Douglas
091	Johnson
173	Sedgwick

**Kentucky**

015	Boone
067	Fayette
111	Jefferson
117	Kenton

**Louisiana**

005	Ascension
019	Calcasieu
033	East Baton Rouge
051	Jefferson
063	Livingston

FIPS County Code	County Name	State
071	Orleans	
073	Ouachita	
103	St. Tammany	

**Maine**

001	Androscoggin	
005	Cumberland	
011	Kennebec*	
019	Penobscot	

**Maryland**

003	Anne Arundel	
013	Carroll	
015	Cecil	
017	Charles	
025	Harford	
027	Howard	
031	Montgomery	
033	Prince Georges	
037	St. Mary's	
043	Washington	
510	Baltimore City	

**Massachusetts**

001	Barnstable	
005	Bristol	
009	Essex	
013	Hampden	
015	Hampshire	
017	Middlesex	
021	Norfolk	
023	Plymouth	
025	Suffolk	
027	Worcester	

FIPS County Code	County Name	State
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**Michigan**

005	Allegan*
021	Berrien
025	Calhoun
049	Genesee
075	Jackson
081	Kent
093	Livingston
099	Macomb
115	Monroe
121	Muskegon
125	Oakland
139	Ottawa
145	Saginaw
147	St. Clair
161	Washtenaw
163	Wayne

**Minnesota**

003	Anoka
037	Dakota
123	Ramsey
137	St. Louis
139	Scott
163	Washington
171	Wright

**Missouri**

019	Boone
071	Franklin
099	Jefferson
189	St. Louis

FIPS County Code	County Name	State
<b>Montana</b>		
111	Yellowstone	
<b>Nebraska</b>		
055	Douglas	
153	Sarpy	
<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	
009	Cape May	
011	Cumberland	
013	Essex	
017	Hudson	
019	Hunterdon	
021	Mercer	
023	Middlesex	
025	Monmouth	
027	Morris	
029	Ocean	
031	Passaic	
035	Somerset	
037	Sussex	
039	Union	
041	Warren	

FIPS County Code	County Name	State
<b>New Mexico</b>		

001	Bernalillo
013	Dona Ana
045	San Juan
049	Santa Fe

**New York**

005	Bronx
013	Chautauqua*
027	Dutchess
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
111	Ulster
119	Westchester

**North Carolina**

001	Alamance
021	Buncombe
057	Davidson*
067	Forsyth
097	Iredell*
119	Mecklenburg
133	Onslow
147	Pitt
155	Robeson*
159	Rowan
179	Union

FIPS County Code	County Name	State
183	Wake	
191	Wayne	

**Ohio**

017	Cass	
023	Clark	
025	Clermont	
029	Columbiana*	
035	Cuyahoga	
041	Delaware	
045	Fairfield	
049	Franklin	
057	Greene	
085	Lake	
089	Licking	
095	Lucas	
103	Medina	
109	Miami	
113	Montgomery	
133	Portage	
153	Summit	
165	Warren	
169	Wayne*	

**Oklahoma**

031	Comanche	
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**Oregon**

017	Deschutes	
029	Jackson	
039	Lane	
041	Linn*	

FIPS County Code	County Name	State
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**Pennsylvania**

003	Allegheny
007	Beaver
011	Berks
013	Blair
017	Bucks
019	Butler
021	Cambria
029	Chester
043	Dauphin
045	Delaware
049	Erie
055	Franklin*
071	Lancaster
081	Lycoming
085	Mercer
089	Monroe*
091	Montgomery
101	Philadelphia
107	Schuylkill*
125	Washington
129	Westmoreland
133	York

**South Carolina**

007	Anderson
041	Florence
045	Greenville
051	Horry
063	Lexington
079	Richland
083	Spartanburg
091	York

FIPS County Code	County Name	State
<b>Tennessee</b>		

009	Blount
093	Knox
125	Montgomery
165	Sumner
189	Wilson

**Texas**

029	Bexar
039	Brazoria
041	Brazos
061	Cameron
135	Ector
139	Ellis
141	El Paso
181	Grayson
183	Gregg
215	Hidalgo
251	Johnson
303	Lubbock
309	McLennan
329	Midland
375	Potter
381	Randall
423	Smith
439	Tarrant
441	Taylor
479	Webb
485	Wichita

**Utah**

049	Utah
053	Washington



FIPS County Code	County Name	State
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**Virginia**

013	Arlington
041	Chesterfield
059	Fairfax
087	Henrico
107	Loudoun
153	Prince William
177	Spotsylvania
179	Stafford
510	Alexandria City
550	Chesapeake City
650	Hampton City
700	Newport News City
710	Norfolk City
740	Portsmouth City
760	Richmond City
810	Virginia Beach City

**Washington**

033	King
035	Kitsap
053	Pierce
057	Skagit
061	Snohomish
063	Spokane
067	Thurston
073	Whatcom
077	Yakima

**West Virginia**

039	Kanawha
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**Wisconsin**

059	Kenosha
063	Lacrosse
073	Marathon

FIPS County Code	County Name	State
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:

### 2010 Design

CBSA Code	Title	County Name	County 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

### 2000 Design

10540	Albany-Lebanon, OR	Linn	043
10880	Allegan, MI	Allegan	005
16540	Chambersburg, PA	Franklin	055
19300	Daphne-Fairhope, AL	Baldwin	003
20620	East Liverpool-Salem, OH	Columbiana	029
20700	East Stroudsburg, PA	Monroe	089
25900	Hilo, HI	Hawaii	001
27460	Jamestown-Dunkirk-Fredonia, NY	Chautauqua	013
29420	Lake Havasu City-Kingman, AZ	Mohave	015
30540	Lexington-Thomasville, NC	Davidson	057
31300	Lumberton, NC	Robeson	155
42580	Seaford, DE	Sussex	005
43420	Sierra Vista-Douglas, AZ	Cochise	003
44380	Statesville-Mooresville, NC	Iredell	097
49300	Wooster, OH	Wayne	169

## 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 January 2015 Tobacco Use Supplements

For more information on the January 2015 Tobacco Use Supplement to the Current Population Survey (TUS-CPS) see TUS-CPS series web site: <http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/>.

The tallies that follow represent all persons in sample who were eligible for the supplement.

Persons in sample: 153,356<sup>1</sup>

Not eligible for the supplement: 51,609<sup>2</sup>

Eligible for the supplement: 101,747<sup>3</sup>

Supplement noninterviews: 22,625<sup>4</sup>

Supplement interviews: 79,122<sup>5</sup>

<u>Item</u>	<u>Value</u>	<u>Tallies</u>
PEA1	-9	3
	-3	87
	-2	288
	-1	22625
	1	25674
	2	53070
PEA3	-9	80
	-3	117
	-2	39
	-1	76073
	1	8438
	2	2192
	3	14808
PEB2	-9	11
	-3	45
	-2	18
	-1	95478
	1	1727
	2	4325
	3	143

<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> INTRVIEW=1

<u>Item</u>	<u>Value</u>	<u>Tallies</u>
PEB7C	-9	36
	-3	61
	-2	25
	-1	95478
	1	3946
	2	1571
	3	418
	4	198
	5	14
PEC2	-9	9
	-3	9
	-2	4
	-1	100057
	1	539
	2	1039
	3	90
PEC7A	-9	13
	-3	15
	-2	5
	-1	100057
	1	871
	2	786
PEDA	-9	14
	-3	10
	-2	1
	-1	101017
	1	340
	2	365
PED1R	-9	45
	-3	76
	-2	17
	-1	94518
	1	2813
	2	4278
PED8R	-9	46
	-3	83
	-2	19
	-1	97742
	1	1398
	2	2459

<u>Item</u>	<u>Value</u>	<u>Tallies</u>
PEE1B1	-9	7
	-3	5
	-2	1
	-1	98183
	1	157
	2	3394
PEF1A	-9	69
	-3	100
	-2	34
	-1	93788
	1	5425
	2	2331
PEG1	-9	69
	-3	105
	-2	166
	-1	93788
	1	3553
	2	4066
PEH2	-9	11
	-3	34
	-2	33
	-1	89663
	1	9635
	2	2371
PEH6	-9	2
	-3	3
	-2	1
	-1	100589
	1	647
	2	276
	3	229
PEH6C2	-9	7
	-3	14
	-2	4
	-1	99586
	1	635
	2	1406
	3	95

<u>Item</u>	<u>Value</u>	<u>Tallies</u>
PEJ1A1	-9	268
	-3	418
	-2	494
	-1	22625
	1	12218
	2	65724
PEJ2A1	-9	19
	-3	17
	-2	6
	-1	89529
	1	269
	2	1410
	3	10497
PEJ1A2	-9	287
	-3	416
	-2	419
	-1	22625
	1	4322
	2	73678
PEJ2A2	-9	5
	-3	5
	-2	1
	-1	97425
	1	57
	2	234
	3	4020
PEJ1A3	-9	301
	-3	425
	-2	424
	-1	22625
	1	2897
	2	75075
PEJ2A3	-9	6
	-3	6
	-2	1
	-1	98850
	1	9
	2	313
	3	2562

<u>Item</u>	<u>Value</u>	<u>Tallies</u>
PEJ1A3_5	-9	313
	-3	444
	-2	367
	-1	22625
	1	5772
	2	72226
PEJ2A3_5	-9	5
	-3	8
	-2	4
	-1	95975
	1	608
	2	1192
	3	3955
PEJ1A4	-9	331
	-3	459
	-2	399
	-1	22625
	1	5486
	2	72447
PEJ2A4	-9	4
	-3	6
	-2	3
	-1	96261
	1	890
	2	530
	3	4053
PEJ1A5	-9	343
	-3	468
	-2	371
	-1	22625
	1	242
	2	77698
PEJ2A5	-9	0
	-3	0
	-2	0
	-1	101505
	1	10
	2	19
	3	213



<b><u>Item</u></b>	<b><u>Value</u></b>	<b><u>Tallies</u></b>
PEJ4	-9	3
	-3	7
	-2	1
	-1	100650
	1	248
	2	838
PEK2A	-9	13
	-3	33
	-2	108
	-1	77522
	1	22535
	2	1536
PEK4	-9	408
	-3	494
	-2	105
	-1	45095
	1	47779
	2	3699
	3	4167
INTRVIEW	1	79122
	2	22625

## 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

<b>Code</b>	<b>Name</b>	<b>Code</b>	<b>Name</b>
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 January 2015 CPS Microdata File on Tobacco Use

#### **SOURCE OF THE DATA**

The data in this microdata file are from the January 2015 Current Population Survey (CPS). The U.S. Census Bureau conducts the CPS every month, although this file has only January data. The January survey uses two sets of questions, the basic CPS and a set of supplemental questions. The CPS, sponsored jointly by the Census Bureau and the U.S. Bureau of Labor Statistics, is the country's primary source of labor force statistics for the entire population. The National Cancer Institute (NCI) of the National Institutes of Health (NIH) and the U.S. Food and Drug Administration (FDA), both of the Department of Health and Human Services (DHHS), co-sponsored the January 2015 Tobacco Use Supplement (TUS). NCI has sponsored the supplemental questions for the TUS since 1992. The Centers for Disease Control and Prevention (CDC), also in the DHHS, has co-sponsored with NCI the survey waves 2001-2007.

**Basic CPS.** The monthly CPS collects primarily labor force data about the civilian noninstitutionalized population living in the United States. The institutionalized population, which is excluded from the population universe, is composed primarily of the population in correctional institutions and nursing homes (98 percent of the 4.0 million institutionalized people in Census 2010). Interviewers ask questions concerning labor force participation about each member 15 years old and over in sample households. Typically, the week containing the nineteenth of the month is the interview week. The week containing the twelfth is the reference week (i.e., the week about which the labor force questions are asked).

The CPS uses a multistage probability sample based on the results of the decennial census, with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. When files from the most recent decennial census become available, the Census Bureau gradually introduces a new sample design for the CPS.

Every ten years the CPS first stage sample is redesigned<sup>1</sup> reflecting changes based on the most recent decennial census. In the first stage of the sampling process, primary sampling units (PSUs)<sup>2</sup> were selected for sample. In the 2000 design, the United States was divided into 2,025 PSUs. These were then grouped into 824 strata and one PSU was selected for sample from each stratum. In the 2010 sample design, the United States was divided into 1,987 PSUs. These PSUs were then grouped into 852 strata. Within each stratum, a single PSU was chosen for the sample, with its probability of selection proportional to its population as of the most recent decennial census. In the case of strata consisting of only one PSU, the PSU was chosen with certainty.

In April 2014, the Census Bureau began phasing out the 2000 sample and replaced it with the 2010 sample, creating a mixed sampling frame. Two simultaneous changes occurred during this phase-in period. First, within the PSUs selected for both the 2000 and 2010 designs, sample

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<sup>1</sup> For detailed information on the 2000 sample redesign, please see reference [1].

<sup>2</sup> The PSUs correspond to substate areas (i.e., counties or groups of counties) that are geographically contiguous.

households from the 2010 design gradually replaced sample households from the 2000 design. Second, new PSUs selected for only the 2010 design gradually replaced outgoing PSUs selected for only the 2000 design. By July 2015, the new 2010 sample design will be completely implemented and the sample will come entirely from the 2010 redesigned sample.

Approximately 74,000 housing units were selected for sample from the sampling frame in January. Based on eligibility criteria, 11 percent of these housing units were sent directly to computer-assisted telephone interviewing (CATI). The remaining units were assigned to interviewers for computer-assisted personal interviewing (CAPI).<sup>3</sup> Of all housing units in sample, about 61,000 were determined to be eligible for interview. Interviewers obtained interviews at about 54,000 of these units. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason.

**January 2015 Supplement.** In January 2015, in addition to the basic CPS questions, interviewers asked supplementary questions on tobacco use of the civilian noninstitutionalized population 18 years and older. The TUS is a large, nationally representative survey, which enables it to produce national, state, and some substate estimates, especially when 3 months of a TUS series are combined. The TUS collected information from about 79,000 respondents in January 2015. For some measures of use, approximately 27 percent of responses in January 2015 are proxy responses, and 73 percent are self-response (self response for the full set of questions plus self-response for the shorter, proxy set of questions). If the responses to the shorter set of questions are deemed to be proxy responses, then the proxy respondents represent 28 percent of all responses and the self-respondents 72 percent. On average, over the 1992-2015 survey period, approximately 69 percent (68 percent for self-only) of supplement respondents have been interviewed by telephone and 31 percent (32 percent for self-only) by personal interview. In January 2015, approximately 63 percent (62 percent for self-only) of all supplement respondents were interviewed by telephone and 37 percent (38 percent for self-only) by personal interview. See reference [3] for more information.

**Estimation Procedure.** This survey's estimation procedure adjusts weighted sample results to agree with independently derived population estimates of the civilian noninstitutionalized population of the United States and each state (including the District of Columbia). These population estimates, used as controls for the CPS, are prepared monthly to agree with the most current set of population estimates that are released as part of the Census Bureau's population estimates and projections program.

The population controls for the nation are distributed by demographic characteristics in two ways:

- Age, sex, and race (White alone, Black alone, and all other groups combined).
- Age, sex, and Hispanic origin.

The population controls for the states are distributed by race (Black alone and all other race groups combined), age (0-15, 16-44, and 45 and over), and sex.

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<sup>3</sup> For further information on CATI and CAPI and the eligibility criteria, please see reference [2].

The independent estimates by age, sex, race, and Hispanic origin, and for states by selected age groups and broad race categories, are developed using the basic demographic accounting formula whereby the population from the 2010 Census data is updated using data on the components of population change (births, deaths, and net international migration) with net internal migration as an additional component in the state population estimates.

The net international migration component of the population estimates includes:

- Net international migration of the foreign born;
- Net migration between the United States and Puerto Rico;
- Net migration of natives to and from the United States; and
- Net movement of the Armed Forces population to and from the United States.

Because the latest available information on these components lags the survey date, it is necessary to make short-term projections of these components to develop the estimate for the survey date.

**Tobacco Use Supplement Estimation Procedure.** In addition to the CPS estimation procedure, the TUS uses a supplement noninterview adjustment and a supplement self-response adjustment. The supplement noninterview adjustment accounts for occupied sample households that responded to and completed the CPS but not the supplement questionnaire. The self-response adjustment accounts for the elimination of interviews that were completed by proxy.

NOTE: The CPS household weight (HWHHWGT) adjusts for household nonresponse. Additional calculations are needed to create a supplement household weight. There are two sets of supplement weights on this microdata file. The nonresponse weight (PWNRWGT) includes only the noninterview adjustment. The self-response weight (PWSRWGT) includes both the noninterview adjustment and the self-response adjustment.

## **ACCURACY OF THE ESTIMATES**

A sample survey estimate has two types of error: sampling and nonsampling. The accuracy of an estimate depends on both types of error. The nature of the sampling error is known given the survey design; the full extent of the nonsampling error is unknown.

**Sampling Error.** Since the CPS estimates come from a sample, they may differ from figures from an enumeration of the entire population using the same questionnaires, instructions, and enumerators. For a given estimator, the difference between an estimate based on a sample and the estimate that would result if the sample were to include the entire population is known as sampling error. Standard errors, as calculated by methods described in “Standard Errors and Their Use,” are primarily measures of the magnitude of sampling error. However, they may include some nonsampling error.

**Nonsampling Error.** For a given estimator, the difference between the estimate that would result if the sample were to include the entire population and the true population value being estimated is known as nonsampling error. There are several sources of nonsampling error that may occur during the development or execution of the survey. It can occur because of

circumstances created by the interviewer, the respondent, the survey instrument, or the way the data are collected and processed. For example, errors could occur because:

- The interviewer records the wrong answer, the respondent provides incorrect information, the respondent estimates the requested information, or an unclear survey question is misunderstood by the respondent (measurement error).
- Some individuals who should have been included in the survey frame were missed (coverage error).
- Responses are not collected from all those in the sample or the respondent is unwilling to provide information (nonresponse error).
- Values are estimated imprecisely for missing data (imputation error).
- Forms may be lost, data may be incorrectly keyed, coded, or recoded, etc. (processing error).

To minimize these errors, the Census Bureau applies quality control procedures during all stages of the production process including the design of the survey, the wording of questions, the review of the work of interviewers and coders, and the statistical review of reports.

Two types of nonsampling error that can be examined to a limited extent are nonresponse and undercoverage.

**Nonresponse.** The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the nonresponse rate. For the January 2015 basic CPS, the household-level nonresponse rate was 11.7 percent. The person-level nonresponse rate for those eligible to be interviewed for the Tobacco Use supplement was an additional 22.2 percent for the total (self and proxy responses) and 44.3 percent for self-response only.

Since the basic CPS nonresponse rate is a household-level rate and the Tobacco Use supplement nonresponse rate is a person-level rate, we cannot combine these rates to derive an overall nonresponse rate. Nonresponding households may have fewer persons than interviewed ones, so combining these rates may lead to an overestimate of the true overall nonresponse rate for persons for the Tobacco Use supplement. Those deemed “eligible” for the Tobacco Use supplement are those adults 18 years of age and older who have a completed CPS interview.

In accordance with Census Bureau and Office of Management and Budget Quality Standards, the Census Bureau will conduct a nonresponse bias analysis to assess nonresponse bias in the Tobacco Use.

**Sufficient Partial Interview.** A sufficient partial interview is an incomplete interview in which the household or person answered enough of the questionnaire for the supplement sponsor to consider the interview complete. The remaining supplement questions may have been edited or imputed to fill in missing values. Insufficient partial interviews are considered to be nonrespondents. Refer to the supplement overview attachment in the technical documentation for the specific questions deemed critical by the sponsor as necessary to be answered in order to be considered a sufficient partial interview.



As part of the nonsampling error analysis, the item response rates, item refusal rates, and edits are reviewed. For the January 2015 Tobacco Use supplement, the item nonresponse rates range from 0.1 percent to 37.0 percent. The item refusal rates range from 0.0 percent to 34.6 percent. *These rates on the high end of the range, however, do not reflect the true quality of the supplement data.* The rates include a small number of “intentional flag” variables, which are derived from questions that direct the questionnaire flow for a small portion of the supplement universe (those who ONLY used a non-cigarette tobacco product one or two times). Without these “intentional flags”, the refusal/don’t know/nonresponse rates range from 0.0 percent to 25.0 percent. A conservative analysis among all items, including these few intentional flag items or follow-up of refusal/don’t know/no answer items, indicates the median refusal/don’t know/nonresponse rate is 1.5 percent, the 75<sup>th</sup> percentile rate was 3.8 percent, the 25<sup>th</sup> percentile rate was 0.4 percent, and the 10<sup>th</sup> percentile rate was 0.0 percent.

**Coverage.** The concept of coverage in the survey sampling process is the extent to which the total population that could be selected for sample “covers” the survey’s target population. Missed housing units and missed people within sample households create undercoverage in the CPS. Overall CPS undercoverage for January 2015 is estimated to be about 12 percent. CPS coverage varies with age, sex, and race. Generally, coverage is larger for females than for males and larger for non-Blacks than for Blacks. This differential coverage is a general problem for most household-based surveys.

The CPS weighting procedure partially corrects for bias from undercoverage, but biases may still be present when people who are missed by the survey differ from those interviewed in ways other than age, race, sex, Hispanic origin, and state of residence. How this weighting procedure affects other variables in the survey is not precisely known. All of these considerations affect comparisons across different surveys or data sources.

A common measure of survey coverage is the coverage ratio, calculated as the estimated population before poststratification divided by the independent population control. Table 1 shows January 2015 CPS coverage ratios by age and sex for certain race and Hispanic groups. The CPS coverage ratios can exhibit some variability from month to month.

**Table 1. CPS Coverage Ratios: January 2015**

Age group	All people	Total		White only		Black only		Residual race		Hispanic	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-15	0.88	0.89	0.87	0.93	0.91	0.76	0.76	0.84	0.80	0.85	0.86
16-19	0.87	0.91	0.82	0.93	0.87	0.90	0.71	0.81	0.69	0.90	0.86
20-24	0.77	0.75	0.78	0.79	0.81	0.57	0.68	0.76	0.68	0.73	0.79
25-34	0.82	0.80	0.84	0.84	0.87	0.66	0.73	0.73	0.77	0.75	0.83
35-44	0.90	0.87	0.92	0.91	0.95	0.74	0.85	0.78	0.82	0.82	0.88
45-54	0.89	0.89	0.90	0.90	0.93	0.83	0.79	0.82	0.83	0.78	0.88
55-64	0.91	0.90	0.92	0.91	0.93	0.83	0.88	0.87	0.82	0.77	0.85
65+	0.93	0.92	0.94	0.94	0.95	0.86	0.91	0.84	0.83	0.84	0.82
15+	0.88	0.87	0.89	0.89	0.91	0.77	0.81	0.79	0.79	0.79	0.85
0+	0.88	0.87	0.88	0.90	0.91	0.76	0.80	0.81	0.79	0.81	0.85

- Notes: (1) The Residual race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.  
(2) Hispanics may be any race. For a more detailed discussion on the use of parameters for race and ethnicity, please see the “Generalized Variance Parameters” section.

**Comparability of Data.** Data obtained from the CPS and other sources are not entirely comparable. This results from differences in interviewer training and experience and in differing survey processes. This is an example of nonsampling variability not reflected in the standard errors. Therefore, caution should be used when comparing results from different sources.

Data users should be careful when comparing the data from this microdata file, which reflects Census 2010-based controls, with microdata files from January 2003 through December 2011, which reflect 2000 census-based controls. Ideally, the same population controls should be used when comparing any estimates. In reality, the use of the same population controls is not practical when comparing trend data over a period of 10 to 20 years. Thus, when it is necessary to combine or compare data based on different controls or different designs, data users should be aware that changes in weighting controls or weighting procedures can create small differences between estimates. See the discussion following for information on comparing estimates derived from different controls or different sample designs.

Microdata files from previous years reflect the latest available census-based controls. Although the most recent change in population controls had relatively little impact on summary measures such as averages, medians, and percentage distributions, it did have a significant impact on levels. For example, use of Census 2010-based controls results in about a 0.2 percent increase from the 2000 census-based controls in the civilian noninstitutionalized population and in the number of families and households. Thus, estimates of levels for data collected in 2012 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain population subgroups than for the total population.

Users should also exercise caution because of changes caused by the phase-in of the Census 2010 files (see “Basic CPS”).<sup>4</sup> During this time period, CPS data were collected from sample designs based on different censuses. Two features of the new CPS design have the potential of affecting published estimates: (1) the temporary disruption of the rotation pattern from August 2014 through June 2015 for a comparatively small portion of the sample, and (2) the change in sample areas. Most of the known effect on estimates during and after the sample redesign will be the result of changing from 2000 to 2010 geographic definitions. Research has shown that the national-level estimates of the metropolitan and nonmetropolitan populations should not change appreciably because of the new sample design. However, users should still exercise caution when comparing metropolitan and nonmetropolitan estimates across years with a design change, especially at the state level.

Caution should also be used when comparing Hispanic estimates over time. No independent population control totals for people of Hispanic origin were used before 1985.

**A Nonsampling Error Warning.** Since the full extent of the nonsampling error is unknown, one should be particularly careful when interpreting results based on small differences between estimates. The Census Bureau recommends that data users incorporate information about nonsampling errors into their analyses, as nonsampling error could impact the conclusions drawn from the results. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures (such as medians and percentage distributions) probably do not reveal useful information when computed on a subpopulation smaller than 75,000.

For additional information on nonsampling error including the possible impact on CPS data when known, refer to references [2] and [4].

**Standard Errors and Their Use.** The sample estimate and its standard error enable one to construct a confidence interval. A confidence interval is a range about a given estimate that has a specified probability of containing the average result of all possible samples. For example, if all possible samples were surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the average result of all possible samples.

A particular confidence interval may or may not contain the average estimate derived from all possible samples, but one can say with specified confidence that the interval includes the average estimate calculated from all possible samples.

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this would be comparing the percentage of men who were part-time workers to the percentage of women who were part-time workers.

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<sup>4</sup> The phase-in process using the 2010 Census files began April 2014.

Tests may be performed at various levels of significance. A significance level is the probability of concluding that the characteristics are different when, in fact, they are the same. For example, to conclude that two characteristics are different at the 0.10 level of significance, the absolute value of the estimated difference between characteristics must be greater than or equal to 1.645 times the standard error of the difference.

The Census Bureau uses 90-percent confidence intervals and 0.10 levels of significance to determine statistical validity. Consult standard statistical textbooks for alternative criteria.

**Estimating Standard Errors.** The Census Bureau uses replication methods to estimate the standard errors of CPS estimates. These methods primarily measure the magnitude of sampling error. However, they do measure some effects of nonsampling error as well. They do not measure systematic biases in the data associated with nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

There are two ways to calculate standard errors for the CPS microdata file on Tobacco Use. They are:

- Direct estimates created from replicate weighting methods;
- Generalized variance estimates created from generalized variance function parameters  $a$  and  $b$ .

While replicate weighting methods provide the most accurate variance estimates and are needed for complex analysis such as regression and analysis of variance (ANOVA), this approach requires more computing resources and more expertise on the part of the user. The Generalized Variance Function (GVF) parameters provide a method of balancing accuracy with resource usage as well as a smoothing effect on standard error estimates across time. For more information on calculating direct estimates, see reference [5], and for downloading the replicate weights, see [http://thedataweb.rm.census.gov/ftp/cps\\_ftp.html#cpssupps](http://thedataweb.rm.census.gov/ftp/cps_ftp.html#cpssupps). For more information on GVF estimates refer to the “Generalized Variance Parameters” section.

**Generalized Variance Parameters.** While it is possible to compute and present an estimate of the standard error based on the survey data for each estimate in a report, there are a number of reasons why this is not done. A presentation of the individual standard errors would be of limited use, since one could not possibly predict all of the combinations of results that may be of interest to data users. Additionally, data users have access to CPS microdata files, and it is impossible to compute in advance the standard error for every estimate one might obtain from those data sets. Moreover, variance estimates are based on sample data and have variances of their own. Therefore, some methods of stabilizing these estimates of variance, for example, by generalizing or averaging over time, may be used to improve their reliability.

Experience has shown that certain groups of estimates have similar relationships between their variances and expected values. Modeling or generalizing may provide more stable variance estimates by taking advantage of these similarities. The GVF is a simple model that expresses the variance as a function of the expected value of the survey estimate. The parameters of the

GVF are estimated using direct replicate variances. These GVF parameters provide a relatively easy method to obtain approximate standard errors for numerous characteristics. In this source and accuracy statement, Table 3 provides the GVF parameters for labor force estimates, Tables 4 and 5 provide GVF parameters for TUS nonresponse data and TUS self-response data. Tables 6 and 7 provide factors and population controls to derive U.S. state and regional parameters.

The basic CPS questionnaire records the race and ethnicity of each respondent. With respect to race, a respondent can be White, Black, Asian, American Indian and Alaskan Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI), or combinations of two or more of the preceding. A respondent’s ethnicity can be Hispanic or non-Hispanic, regardless of race.

The GVF parameters to use in computing standard errors are dependent upon the race/ethnicity group of interest. The following table summarizes the relationship between the race/ethnicity group of interest and the GVF parameters to use in standard error calculations.

<b>Table 2. Estimation Groups of Interest and Generalized Variance Parameters</b>	
<b>Race/ethnicity group of interest</b>	<b>GVF parameters to use in standard error calculations</b>
Total population	Total or White
White alone, White AOIC, or White non-Hispanic population	Total or White
Black alone, Black AOIC, or Black non-Hispanic population	Black
Asian alone, Asian AOIC, or Asian non-Hispanic population	Asian, AIAN, NHOPI
AIAN alone, AIAN AOIC, or AIAN non-Hispanic population	
NHOPI alone, NHOPI AOIC, or NHOPI non-Hispanic population	
Populations from other race groups	Asian, AIAN, NHOPI
Hispanic population	Hispanic
Two or more races – employment/unemployment and educational attainment characteristics	Black
Two or more races – all other characteristics	Asian, AIAN, NHOPI

- Notes: (1) AIAN is American Indian and Alaska Native and NHOPI is Native Hawaiian and Other Pacific Islander.  
 (2) AOIC is an abbreviation for alone or in combination. The AOIC population for a race group of interest includes people reporting only the race group of interest (alone) and people reporting multiple race categories including the race group of interest (in combination).  
 (3) Hispanics may be any race.  
 (4) Two or more races refers to the group of cases self-classified as having two or more races.

**Standard Errors of Estimated Numbers.** The approximate standard error,  $s_x$ , of an estimated number from this microdata file can be obtained by using the formula:

$$s_x = \sqrt{ax^2 + bx} \tag{1}$$

Here  $x$  is the size of the estimate, and  $a$  and  $b$  are the parameters in Table 3, 4, or 5 associated with the particular type of characteristic. When calculating standard errors from cross-tabulations involving different characteristics, use the set of parameters for the characteristic that will give the largest standard error.

**Illustration 1**

Suppose there were 5,190,000 unemployed men ages 18 and up in the civilian labor force in January 2015. Use the appropriate parameters from Table 3 and Formula (1) to get

<b>Illustration 1</b>	
Number of unemployed males in the civilian labor force ( $x$ )	5,190,000
a-parameter ( $a$ )	-0.000031
b-parameter ( $b$ )	2,947
Standard error	120,000
90-percent confidence interval	4,993,000 to 5,387,000

The standard error is calculated as

$$s_x = \sqrt{-0.000031 \times 5,190,000^2 + 2,947 \times 5,190,000} = 120,000$$

The 90-percent confidence interval is calculated as  $5,190,000 \pm 1.645 \times 120,000$ .

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

**Standard Errors of Estimated Percentages.** The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the percentage and its base. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the parameter from Table 3, 4, or 5 as indicated by the numerator.

The approximate standard error,  $s_{y,p}$ , of an estimated percentage can be obtained by using the formula:

$$s_{y,p} = \sqrt{\frac{b}{y} p(100 - p)} \tag{2}$$

Here  $y$  is the total number of people, families, households, or unrelated individuals in the base or denominator of the percentage,  $p$  is the percentage  $100 \times x/y$  ( $0 \leq p \leq 100$ ), and  $b$  is the parameter in Table 3, 4, or 5 associated with the characteristic in the numerator of the percentage.

### Illustration 2

Suppose there were 82,347,000<sup>5</sup> people aged 45 to 64 in January 2015, of which 12.4 percent were every-day smokers. Use the appropriate parameter from Table 4 and Formula (2) to get

<b>Illustration 2</b>	
Percentage of people aged 45-64 who were everyday smokers ( <i>p</i> )	12.4
Base ( <i>y</i> )	82,347,000
b-parameter ( <i>b</i> )	4,429
Standard error	0.24
90-percent confidence interval	12.0 to 12.8

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{4,429}{82,347,000} \times 12.4 \times (100.0 - 12.4)} = 0.24$$

The 90-percent confidence interval for the estimated percentage of people aged 45 to 64 who are every-day smokers is calculated as  $12.4 \pm 1.645 \times 0.24$ .

### Illustration 3

Of all adults (ages 18 and up) in January 2015, suppose the number of former smokers was 42,054,000 and the number of ever (current and former) smokers was 72,955,000<sup>6</sup>. The percentage of former smokers out of ever smokers (known as the “quit ratio”) would be 57.6 percent. Use the appropriate parameter from Table 4 and Formula (2) to get

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<sup>5</sup> Some respondents who gave an age in the 45-64 range did not respond to question PEA3 (“do you now smoke cigarettes every day, some days, or not at all?”). As a result, using the estimate (82,997,000) from PRTAGE=45-64 as a base would result in the estimated percentage of 45-64 year olds who were every-day smokers, some-day smokers, and former smokers summing to less than 100 percent of 45-64 year olds. Accordingly, we have used the weights of the PRTAGE=45-64 respondents who also responded to PEA3 as the base in this estimate, even though the sum of the weights of the PRTAGE=45-64 respondents is our actual estimate of the number of persons in the 45-64 age range.

<sup>6</sup> Some persons who responded in the affirmative to question PEA1 (“have you smoked at least 100 cigarettes in your entire life?”) did not respond to question PEA3 (“do you now smoke cigarettes every day, some days, or not at all?”). As a result, using the estimate (73,679,000) from PEA1 as a base would result in the estimated percentages of every-day smokers, some-day smokers, and former smokers summing to less than 100 percent of the persons who had ever smoked. Accordingly, we have used the weighted responses to PEA3 as the base in this estimate, even though the estimate from PEA1 is our actual estimate of the number of ever smokers.

An alternative to using PEA3 is to use SMOKSTAT. SMOKSTAT = 2-4 represents “Ever” smokers. The base number for “Ever smokers” using SMOKSTAT is the same as the number obtained from using PEA3.

<b>Illustration 3</b>	
Percentage of adult ever smokers who don't smoke anymore ( <i>p</i> )	57.6
Base ( <i>y</i> )	72,955,000
b-parameter ( <i>b</i> )	4,429
Standard error	0.39
90-percent confidence interval	57.0 to 58.2

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{4,429}{72,955,000} \times 57.6 \times (100 - 57.6)} = 0.39$$

and the 90-percent confidence interval is calculated as  $57.6 \pm 1.645 \times 0.39$ .

**Standard Errors of Estimated Differences.** The standard error of the difference between two sample estimates is approximately equal to

$$s_{x_1 - x_2} = \sqrt{s_{x_1}^2 + s_{x_2}^2} \quad (3)$$

where  $s_{x_1}$  and  $s_{x_2}$  are the standard errors of the estimates,  $x_1$  and  $x_2$ . The estimates can be numbers, percentages, ratios, etc. This will result in accurate estimates of the standard error of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. However, if there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

#### Illustration 4

In January 2015, suppose that for self-respondents, of the 4,328,000<sup>7</sup> non-Hispanic Blacks 18 to 24 years of age, 6.5 percent were every-day smokers, and of the 16,065,000 non-Hispanic Whites 18 to 24 years of age, 12.9 percent were every-day smokers. Use the appropriate parameters from Table 5 and Formulas (2) and (3) to get

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<sup>7</sup> Some respondents who indicated that they were non-Hispanic Blacks between 18 and 24 years of age did not respond to question PEA3 ("do you now smoke cigarettes every day, some days, or not at all?"). As a result, using the estimate (4,296,000) from PEHSPNON=2 AND PTDTRACE=2 AND PRTAGE=18-24 as a base would result in the estimated percentages of every-day smokers, some-day smokers, and former smokers among non-Hispanic Blacks between 18 and 24 years of age summing to less than 100 percent. Accordingly, we have used the weighted responses to PEHSPNON=2 AND PTDTRACE=2 AND PRTAGE=18-24 AND PEA3=1,2,3 as the base in this estimate, even though the estimate from PEHSPNON=2 AND PTDTRACE=2 AND PRTAGE=18-24 is our actual estimate of the number of ever smokers.

An analogous statement applies to non-Hispanic Whites between 18 and 24 years of age, with 16,363,000 instead of 4,296,000 and PTDTRACE=1 instead of PTDTRACE=2.



Illustration 4			
	Non-Hispanic Black ( $x_1$ )	Non-Hispanic White ( $x_2$ )	Difference
Percentage of people aged 18-24 who were every-day smokers ( $p$ )	6.5	12.9	6.4
Base ( $y$ )	4,328,000	16,065,000	-
b-parameter ( $b$ )	7,188	5,835	-
Standard error	1.00	0.64	1.19
90-percent confidence interval	4.9 to 8.1	11.8 to 14.0	4.4 to 8.4

The standard error of the difference is calculated as

$$s_{x_1-x_2} = \sqrt{1.00^2 + 0.64^2} = 1.19$$

The 90-percent confidence interval around the difference is calculated as  $6.4 \pm 1.645 \times 1.19$ . Since this interval does not include zero, we can conclude with 90 percent confidence that the percentage of non-Hispanic Black every-day smokers between 18 and 24 years of age is significantly different than the percentage of non-Hispanic White every-day smokers between 18 and 24 years of age.

**Standard Errors of Estimated Ratios.** Certain estimates may be calculated as the ratio of two numbers. Compute the standard error of a ratio,  $x/y$ , using

$$s_{x/y} = \frac{x}{y} \sqrt{\left(\frac{s_x}{x}\right)^2 + \left(\frac{s_y}{y}\right)^2 - 2r \frac{s_x s_y}{xy}} \quad (4)$$

The standard error of the numerator,  $s_x$ , and that of the denominator,  $s_y$ , may be calculated using formulas described earlier. In Formula (4),  $r$  represents the correlation between the numerator and the denominator of the estimate.

For one type of ratio, the denominator is a count of families or households and the numerator is a count of people in those families or households with a certain characteristic. If there is at least one person with the characteristic in every family or household, use 0.7 as an estimate of  $r$ . An example of this type is the average number of children per family with children.

For another type of ratio, the population estimated by the numerator ( $x$ ) is a subset of the population estimated by the denominator ( $y$ ). In that case,

$$r = \frac{x \cdot s_y}{y \cdot s_x} \quad (5)$$

For all other types of ratios,  $r$  is assumed to be zero. Examples are the average number of children per family and the family poverty rate. If  $r$  is actually positive (negative), then this procedure will provide an overestimate (underestimate) of the standard error of the ratio.

NOTE: For estimates expressed as the ratio of  $x$  per 100  $y$  or  $x$  per 1,000  $y$ , multiply Formula (4) by 100 or 1,000, respectively, to obtain the standard error.

**Illustration 5**

In January 2015, suppose the number of adults who were self-reported as every-day smokers was 24,519,000<sup>8</sup> and the number of adults who were self-reported as some-day smokers was 6,856,000<sup>9</sup>. The ratio of every-day smokers to some-day smokers would be 3.6. Use Formulas (1) and (4) and the appropriate parameters from Table 5, since the data is from self-respondents, with  $r = 0$  to get

<b>Illustration 5</b>			
	Every-day ( $x$ )	Some-day ( $y$ )	Ratio
Number of smokers	24,519,000	6,856,000	3.6
a-parameter ( $a$ )	-0.000029	-0.000029	-
b-parameter ( $b$ )	7,188	7,188	-
Standard error	399,000	219,000	0.13
90-percent confidence interval	23,863,000 to 25,175,000	6,496,000 to 7,216,000	3.4 to 3.8

The standard error of the ratio is calculated as

$$s_{x/y} = \frac{24,519,000}{6,856,000} \sqrt{\left(\frac{399,000}{24,519,000}\right)^2 + \left(\frac{219,000}{6,856,000}\right)^2} = 0.13$$

and the 90-percent confidence interval is calculated as  $3.6 \pm 1.645 \times 0.13$ .

**Accuracy of State Estimates.** The redesign of the CPS following the 1980 census provided an opportunity to increase efficiency and accuracy of state data. All strata are now defined within state boundaries. The sample is allocated among the states to produce state and national estimates with the required accuracy while keeping total sample size to a minimum. Improved accuracy of state data was achieved with about the same sample size as in the 1970 design.

Since the CPS is designed to produce both state and national estimates, the proportion of the total population sampled and the sampling rates differ among the states. In general, the smaller the population of the state the larger the sampling proportion. For example, in Vermont, approximately 1 in every 250 households is sampled each month. In New York, the sample is about 1 in every 2,000 households. Nevertheless, the size of the sample in New York is four times larger than in Vermont because New York has a larger population.

<sup>8</sup> Computed in the same manner as in Illustration 8a to preserve consistency of estimates throughout this Source and Accuracy Statement. See footnote 9 to Illustration 8a.

<sup>9</sup> Computed in the same manner as in Illustration 8b to preserve consistency of estimates throughout this Source and Accuracy Statement. See footnote 10 to Illustration 8b.

**Standard Errors of State Estimates.** The standard error for a state may be obtained by determining new state-level a- and b-parameters and then using these adjusted parameters in the standard error formulas mentioned previously. To determine a new state-level b-parameter ( $b_{state}$ ), multiply the b-parameter from Table 3, 4, or 5 by the state factor from Table 6. To determine a new state-level a-parameter ( $a_{state}$ ), use the following:

- (1) If the a-parameter from Table 3, 4, or 5 is positive, multiply the a-parameter by the state factor from Table 6.
- (2) If the a-parameter in Table 3, 4, or 5 is negative, calculate the new state-level a-parameter as follows:

$$a_{state} = \frac{-b_{state}}{POP_{state}} \quad (6)$$

where  $POP_{state}$  is the state population found in Table 6.

**Illustration 6**

Suppose there were 1,406,000 adults living in Florida in January 2015 who were every-day smokers. Use the appropriate parameters, factor, and population from Tables 4 and 6 and Formulas (1) and (6) to get

<b>Illustration 6</b>	
Number of every-day smokers in Florida ( $x$ )	1,406,000
b-parameter ( $b$ )	4,429
Florida state factor	1.12
State population	19,714,601
State a-parameter ( $a_{state}$ )	-0.000252
State b-parameter ( $b_{state}$ )	4,960
Standard error	80,000
90-percent confidence interval	1,274,000 to 1,538,000

Obtain the state-level b-parameter by multiplying the b-parameter, 4,429, by the state factor, 1.12. This gives  $b_{state} = 4,429 \times 1.12 = 4,960$ . Obtain the needed state-level a-parameter by

$$a_{state} = \frac{-4,960}{19,714,601} = -0.000252$$

The standard error of the estimate of the number of adults in Florida who were every-day smokers can then be found by using Formula (1) and the new state-level a- and b-parameters, -0.000252 and 4,960, respectively. The standard error is given by

$$s_x = \sqrt{(-0.000252 \times 1,406,000^2) + (4,960 \times 1,406,000)} = 80,000$$

and the 90-percent confidence interval is calculated as  $1,406,000 \pm 1.645 \times 80,000$ .

**Standard Errors of Regional Estimates.** To compute standard errors for regional estimates, follow the steps for computing standard errors for state estimates found in “Standard Errors of State Estimates” using the regional factors and populations found in Table 7.

**Standard Errors of Groups of States.** The standard error calculation for a group of states is similar to the standard error calculation for a single state. First, calculate a new state group factor for the group of states. Then, determine new state group a- and b-parameters. Finally, use these adjusted parameters in the standard error formulas mentioned previously.

Use the following formula to determine a new state group factor:

$$state\ group\ factor = \frac{\sum_{i=1}^n POP_i \times factor_i}{\sum_{i=1}^n POP_i} \quad (7)$$

where  $POP_i$  and  $factor_i$  are the population and factor for state  $i$  from Table 6.

To obtain a new state group b-parameter ( $b_{state\ group}$ ), multiply the b-parameter from Table 3, 4, or 5 by the state group factor obtained by Formula (7). To determine a new state group a-parameter ( $a_{state\ group}$ ), use the following:

- (1) If the a-parameter from Table 3, 4, or 5 is positive, multiply the a-parameter by the state group factor determined by Formula (7).
- (2) If the a-parameter in Table 3, 4, or 5 is negative, calculate the new state group a-parameter as follows:

$$a_{state\ group} = \frac{-b_{state\ group}}{\sum_{i=1}^n POP_i} \quad (8)$$

**Illustration 7**

Suppose the state group factor for the state group Illinois-Indiana-Michigan was required. Use Formula (7) and the appropriate factors and populations from Table 6 to get

$$state\ group\ factor = \frac{(12,697,268 \times 1.16) + (6,513,556 \times 1.14) + (9,809,125 \times 1.15)}{12,697,268 + 6,513,556 + 9,809,125} = 1.15$$

**Standard Errors of Averages for Grouped Data.** The formula used to estimate the standard error of an average for grouped data is

$$s_{\bar{x}} = \sqrt{\frac{b}{y}(S^2)} \quad (9)$$

In this formula,  $y$  is the size of the base of the distribution and  $b$  is the parameter from Table 3, 4, or 5. The variance,  $S^2$ , is given by the following formula:

$$S^2 = \sum_{i=1}^c p_i \bar{x}_i^2 - \bar{x}^2 \quad (10)$$

where  $\bar{x}$ , the average of the distribution, is estimated by

$$\bar{x} = \sum_{i=1}^c p_i \bar{x}_i \quad (11)$$

and

$c$  = the number of groups;  $i$  indicates a specific group, thus taking on values 1 through  $c$ .

$p_i$  = estimated proportion of people, families, households, or unrelated individuals whose values, for the characteristic ( $x$ -values) being considered, fall in group  $i$ .

$\bar{x}_i$  =  $(L_i + U_i)/2$  where  $L_i$  and  $U_i$  are the lower and upper interval boundaries, respectively, for group  $i$ .  $\bar{x}_i$  is assumed to be the most representative value for the characteristic for people, families, households, or unrelated individuals in group  $i$ . If group  $c$  is open-ended, i.e., no upper interval boundary exists, use a group approximate average value of

$$\bar{x}_c = \frac{3}{2} L_c \quad (12)$$

NOTES: 1) For continuous data, i.e., income, time, etc., the upper bound of the  $i$ th interval and lower bound of the next interval are essentially the same. 2) Estimates for number of cigarettes smoked 'per some day' (as in Illustration 8b) must first be converted into estimates for number of cigarettes smoked 'per day' by multiplying by the average number of days smoked in the last 30 days, and dividing by 30 for each group  $i$ .

Illustration 8a

Suppose there were 24,519,000<sup>10</sup> adult every-day smokers among self-respondents in January 2015, and the distribution of the average number of cigarettes consumed per day was

Cigarettes per day	Percent of smokers	$\bar{x}_i$
1 – 10	49.3	(1+10)/2 = 5.5
11 – 20	41.7	(11+20)/2 = 15.5
21 – 30	5.8	(21+30)/2 = 25.5
31+	3.2	3/2(31) = 46.5

Using Formula (11),

$$\bar{x} = (0.493 \times 5.5) + (0.417 \times 15.5) + (0.058 \times 25.5) + (0.032 \times 46.5) = 12.14$$

and Formula (10),

$$S^2 = (0.493 \times 5.5^2) + (0.417 \times 15.5^2) + (0.058 \times 25.5^2) + (0.032 \times 46.5^2) - 12.14^2 = 74.62$$

Because this data is from self-respondents, use the appropriate parameter from Table 5 and Formula (9) to get

Illustration 8a	
Average amount of cigarettes smoked per day for every-day smokers ( $\bar{x}$ )	12.14
Variance ( $S^2$ )	74.62
Base ( $y$ )	24,519,000
b-parameter ( $b$ )	7,188
Standard error	0.148
90-percent confidence interval	11.90 to 12.38

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{7,188}{24,519,000}(74.62)} = 0.148$$

and the 90-percent confidence interval is calculated as  $12.14 \pm 1.645 \times 0.148$ .

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<sup>10</sup> Some persons who responded as every-day smokers to question PEA3 (“Do you now smoke cigarettes every day, some days, or not at all?”) did not respond to PTB1 (“On the average, about how many cigarettes do you now smoke each day?”) with answers greater than zero. As a result, using the estimate (24,945,000) from PEA3 as a base would result in the estimated percentages of every-day smokers who smoke 1-10, 11-20, 21-30, and 31 or more cigarettes per day summing to well under 100 percent. Accordingly, we have used the weighted self-responses of those who answered both PTB1 with answers greater than zero as the base in this estimate, even though the estimate from PEA3 is our actual estimate of the number of every-day smokers.

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

**Illustration 8b**

Suppose there were 6,856,000<sup>11</sup> adult some-day smokers among self-respondents in January 2015, and the distribution of the average number of cigarettes consumed per some day and per every day was

Cigarettes per some day	Percent of smokers	$\bar{x}_i$	Avg # of days smoked in the last 30 days ( $d_i$ )	Cigarettes per day ( $\bar{x}_i \times d_i / 30$ )
1	15.7	$(1+1)/2 = 1.0$	9.4	$1.0 \times 9.4 / 30 = 0.31$
2	24.5	$(2+2)/2 = 2.0$	12.4	$2.0 \times 12.4 / 30 = 0.83$
3	17.2	$(3+3)/2 = 3.0$	13.9	$3.0 \times 13.9 / 30 = 1.39$
4	9.8	$(4+4)/2 = 4.0$	15.2	$4.0 \times 15.2 / 30 = 2.03$
5+	32.8	$3/2(5) = 7.5$	16.7	$7.5 \times 16.7 / 30 = 4.18$

Using Formula (11),

$$\bar{x} = (0.157 \times 0.31) + (0.245 \times 0.83) + (0.172 \times 1.39) + (0.098 \times 2.03) + (0.328 \times 4.18) = 2.06$$

and Formula (10),

$$S^2 = (0.157 \times 0.31^2) + (0.245 \times 0.83^2) + (0.172 \times 1.39^2) + (0.098 \times 2.03^2) + (0.328 \times 4.18^2) - 2.06^2 = 2.41$$

Because this data is from self-respondents, use the appropriate parameter from Table 5 and Formula (9) to get

<b>Illustration 8b</b>	
Average amount of cigarettes smoked per day for some-day smokers ( $\bar{x}$ )	2.06
Variance ( $S^2$ )	2.41
Base (y)	6,856,000
b-parameter ( $b$ )	7,188
Standard error	0.050
90-percent confidence interval	1.98 to 2.14

The standard error is calculated as

<sup>11</sup> Some persons who responded as some-day smokers to question PEA3 (“Do you now smoke cigarettes every day, some days, or not at all?”) did not respond to both PEC1 (“On how many of the past 30 days did you smoke cigarettes?”) and PTC1a (On the average, on those days, how many cigarettes did you usually smoke each day?) with answers greater than zero. As a result, using the estimate (7,568,000) from PEA3 as a base would result in the estimated percentages of smokers who smoke 1, 2, 3, 4, and 5 or more cigarettes per some day summing to well under 100 percent. Accordingly, we have used the weighted self-responses of those who answered both PEC1 and PTC1a with answers greater than zero as the base in this estimate, even though the estimate from PEA3 is our actual estimate of the number of some-day smokers.

$$s_{\bar{x}} = \sqrt{\frac{7,188}{6,856,000}}(2.41) = 0.050$$

and the 90-percent confidence interval is calculated as  $2.06 \pm 1.645 \times 0.050$ .

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

**Standard Errors of Estimated Aggregates.** Aggregates, such as the total number of cigarettes consumed, are computed by multiplying the average number of cigarettes consumed per smoker,  $\bar{x}$ , by the total number of smokers,  $y$ , in the formula

$$T = \bar{x}y \quad (13)$$

where  $T$  is the aggregate to be computed.

Both  $\bar{x}$  and  $y$  have a standard error, so the standard error of a product must be computed. Approximate the standard error of an aggregate with the formula

$$s_T = \sqrt{\bar{x}^2 s_y^2 + y^2 s_{\bar{x}}^2} \quad (14)$$

where  $s_{\bar{x}}$  is computed using Formula (9) and  $s_y$  is computed using Formula (1). In the above formula, the correlation between  $\bar{x}$  and  $y$  is assumed to be zero. If it is actually positive (negative), then this formula will underestimate (overestimate) the standard error of the product.

### Illustration 9

Continuing with Illustration 8a, suppose that the estimate for the total number of every-day smokers was 24,519,000<sup>12</sup> adults and that they smoked an average of 12.14 cigarettes per day. They then would consume approximately 297,661,000 cigarettes per day. Use  $s_y$  and  $s_{\bar{x}}$  from Illustrations 5 and 8a, respectively, and Formula (14) to get

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<sup>12</sup> See footnote 10 to Illustration 8a.



<b>Illustration 9</b>	
Average amount of cigarettes smoked per day ( $\bar{x}$ )	12.14
Standard error ( $s_{\bar{x}}$ )	0.148
Number of every-day smokers ( $y$ )	24,519,000
Standard error ( $s_y$ )	399,000
Number of cigarettes consumed ( $T$ )	297,661,000
Standard error ( $s_T$ )	6,052,000
90-percent confidence interval	287,705,000 to 307,617,000

The aggregate  $T$  is calculated as

$$T = 12.14 \times 24,519,000 = 297,661,000$$

and the standard error for  $T$  is calculated as

$$s_T = \sqrt{(12.14^2 \times 399,000^2) + (24,519,000^2 \times 0.148^2)} = 6,052,000$$

The 90-percent confidence interval is calculated as  $297,661,000 \pm 1.645 \times 6,052,000$ .

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

**Standard Errors of Averages for Daily Amount Smoked by Current Smokers.** The formula used to estimate the standard error of the average daily amount smoked by current smokers is

$$s_{\bar{x}} = \sqrt{\left[ \frac{P(C_1 - C_2)}{(E + P)^2} \right]^2 s_E^2 + \left[ \frac{E(C_1 - C_2)}{(E + P)^2} \right]^2 s_P^2 + \left( \frac{E}{E + P} \right)^2 s_{C_1}^2 + \left( \frac{P}{E + P} \right)^2 s_{C_2}^2} \quad (15)$$

where

$E$  = the estimated population of every-day smokers.

$s_E$  = the standard error of the estimated population of every-day smokers.

$P$  = the estimated population of some-day smokers.

$s_P$  = the standard error of the estimated population of some-day smokers.

$C_1$  = the average amount an every-day smoker smokes per day.

$s_{C_1}$  = the standard error of the average amount an every-day smoker smokes per day.

$C_2$  = the average amount a some-day smoker smokes per day.

$s_{C_2}$  = the standard error of the average amount a some-day smoker smokes per day.

Illustration 10

Continuing with Illustrations 8 and 9, suppose there were 24,519,000<sup>13</sup> every-day smokers that smoked an average of 12.14 cigarettes per day. In addition, suppose that 6,856,000<sup>14</sup> some-day smokers smoked an average of 2.06 cigarettes per day. Then, the distribution of the average number of cigarettes consumed per day by all current smokers would be

Cigarettes per day	Percent of smokers
0.31	3.4
0.83	5.3
1.39	3.8
2.03	2.2
4.18	7.2
5.5	38.5
15.5	32.6
25.5	4.5
46.5	2.5

where  $\bar{x}$ , the average amount smoked by all current smokers, is found using Formula (11) as

$$\begin{aligned}\bar{x} &= (0.034 \times 0.31) + (0.053 \times 0.83) + (0.038 \times 1.39) + (0.022 \times 2.03) + (0.072 \times 4.18) \\ &\quad + (0.385 \times 5.5) + (0.326 \times 15.5) + (0.045 \times 25.5) + (0.025 \times 46.5) = 9.93\end{aligned}$$

Use the appropriate parameters from Table 5, since this is self-respondent data,  $s_E$  and  $s_P$  from Illustration 5 and  $s_{C_1}$  and  $s_{C_2}$  from Illustration 8, and Formula (15) to get

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<sup>13</sup> See footnote 10 to Illustration 8a.

<sup>14</sup> See footnote 11 to Illustration 8b.

<b>Illustration 10</b>	
Average amount of cigarettes smoked per day ( $\bar{x}$ )	9.93
Estimated population of every-day smokers ( $E$ )	24,519,000
Standard error ( $s_E$ )	399,000
Estimated population of some-day smokers ( $P$ )	6,856,000
Standard error ( $s_P$ )	219,000
Average amount of cigarettes smoked per day by every-day smokers ( $C_1$ )	12.14
Standard error ( $s_{C_1}$ )	0.148
Average amount of cigarettes smoked per day by some-day smokers ( $C_2$ )	2.06
Standard error ( $s_{C_2}$ )	0.050
Standard error	0.132
90-percent confidence interval	9.71 to 10.15

The standard error for  $\bar{x}$  is calculated as

$$\begin{aligned}
 s_{\bar{x}} = & \left[ \left( \frac{6,856,000(12.14 - 2.06)}{(24,519,000 + 6,856,000)^2} \right)^2 \times 399,000^2 + \left( \frac{24,519,000(12.14 - 2.06)}{(24,519,000 + 6,856,000)^2} \right)^2 \times 219,000^2 \right. \\
 & \left. + \left( \frac{24,519,000}{24,519,000 + 6,856,000} \right)^2 \times 0.148^2 + \left( \frac{6,856,000}{24,519,000 + 6,856,000} \right)^2 \times 0.050^2 \right]^{1/2} \\
 = & 0.132
 \end{aligned}$$

The 90-percent confidence interval is calculated as  $9.93 \pm 1.645 \times 0.132$ .

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

**Standard Errors of Quarterly or Yearly Averages.** For information on calculating standard errors for labor force data from the CPS which involve quarterly or yearly averages, please see the “Explanatory Notes and Estimates of Error: Household Data” section in *Employment and Earnings*, a monthly report published by the U.S. Bureau of Labor Statistics.

**Technical Assistance.** If you require assistance or additional information, please contact the Demographic Statistical Methods Division via e-mail at [dsmd.source.and.accuracy@census.gov](mailto:dsmd.source.and.accuracy@census.gov).

**Table 3. Parameters for Computation of Standard Errors for Labor Force Characteristics: January 2015**

Characteristic	<i>a</i>	<i>b</i>
<b>Total or White</b>		
<i>Civilian labor force, employed</i>	-0.000013	2,481
<i>Unemployed</i>	-0.000017	3,244
<i>Not in labor force</i>	-0.000013	2,432
<i>Civilian labor force, employed, not in labor force, and unemployed</i>		
Men	-0.000031	2,947
Women	-0.000028	2,788
Both sexes, 16 to 19 years	-0.000261	3,244
<b>Black</b>		
<i>Civilian labor force, employed, not in labor force, and unemployed</i>		
Total	-0.000117	3,601
Men	-0.000249	3,465
Women	-0.000191	3,191
Both sexes, 16 to 19 years	-0.001425	3,601
<b>Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander</b>		
<i>Civilian labor force, employed, not in labor force, and unemployed</i>		
Total	-0.000245	3,311
Men	-0.000537	3,397
Women	-0.000399	2,874
Both sexes, 16 to 19 years	-0.004078	3,311
<b>Hispanic, may be of any race</b>		
<i>Civilian labor force, employed, not in labor force, and unemployed</i>		
Total	-0.000087	3,316
Men	-0.000172	3,276
Women	-0.000158	3,001
Both sexes, 16 to 19 years	-0.000909	3,316

- Notes: (1) These parameters are to be applied to basic CPS monthly labor force estimates.  
(2) The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates.  
(3) For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero.  
(4) For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Hispanic, and Asian, AIAN, NHOPI parameters.  
(5) For the groups self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all employment characteristics.

**Table 4. Parameters for Computation of Standard Errors for Tobacco Use Characteristics Using Nonresponse Weights: January 2015**

Characteristic	Total		White Alone		Black Alone		Asian, AIAN, NHOPI		Hispanic	
	<i>a</i>	<i>b</i>	<i>a</i>	<i>b</i>	<i>a</i>	<i>b</i>	<i>a</i>	<i>b</i>	<i>a</i>	<i>b</i>
<b>Tobacco Use January 2015</b>										
Total	-0.000018	4,429	-0.000021	4,028	-0.000153	4,771	-0.000186	4,142	-0.000136	5,311
Male	-0.000034	4,142	-0.000040	3,863	-0.000353	5,006	-0.000393	4,142	-0.000256	5,006
Female	-0.000030	3,863	-0.000036	3,583	-0.000252	4,292	-0.000330	3,863	-0.000243	4,771
<b>Combined Months: July 2014 and January 2015</b>										
Total	-0.000009	2,281	-0.000010	1,979	-0.000078	2,438	-0.000097	2,161	-0.000065	2,548
Male	-0.000018	2,161	-0.000020	1,874	-0.000180	2,548	-0.000205	2,161	-0.000131	2,548
Female	-0.000015	1,979	-0.000018	1,774	-0.000127	2,161	-0.000176	2,063	-0.000116	2,281

- Notes: (1) These parameters are to be applied to the January 2015 Tobacco Use Supplement data, and to combined consecutive supplement months of Tobacco Use Supplement data.
- (2) AIAN is American Indian and Alaska Native and NHOPI is Native Hawaiian and Other Pacific Islander.
- (3) Hispanics may be any race. For a more detailed discussion on the use of parameters for race and ethnicity, please see the “Generalized Variance Parameters” section.
- (4) The Total and Asian, AIAN, NHOPI parameters may be used for both alone and in combination race group estimates.
- (5) For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero.
- (6) For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters.
- (7) For the group self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all characteristics except employment, unemployment, and educational attainment, in which case use Black parameters.

**Table 5. Parameters for Computation of Standard Errors for Tobacco Use Characteristics Using Self-response Weights: January 2015**

Characteristic	Total		White Alone		Black Alone		Asian, AIAN, NHOPI		Hispanic	
	<i>a</i>	<i>b</i>	<i>a</i>	<i>b</i>	<i>a</i>	<i>b</i>	<i>a</i>	<i>b</i>	<i>a</i>	<i>b</i>
<b>Tobacco Use January 2015</b>										
Total	-0.000029	7,188	-0.000030	5,835	-0.000230	7,188	-0.000323	7,188	-0.000223	8,747
Male	-0.000055	6,596	-0.000061	5,835	-0.000572	8,104	-0.000682	7,188	-0.000448	8,747
Female	-0.000043	5,521	-0.000049	4,967	-0.000343	5,835	-0.000564	6,596	-0.000366	7,188
<b>Combined Months: July 2014 and January 2015</b>										
Total	-0.000014	3,477	-0.000015	2,898	-0.000115	3,592	-0.000162	3,592	-0.000106	4,165
Male	-0.000028	3,333	-0.000030	2,898	-0.000282	3,999	-0.000351	3,702	-0.000228	4,446
Female	-0.000022	2,898	-0.000025	2,523	-0.000170	2,898	-0.000297	3,477	-0.000177	3,477

- Notes: (1) These parameters are to be applied to the January 2015 Tobacco Use Supplement data, and to combined consecutive supplement months of Tobacco Use Supplement data.
- (2) AIAN is American Indian and Alaska Native and NHOPI is Native Hawaiian and Other Pacific Islander.
- (3) Hispanics may be any race. For a more detailed discussion on the use of parameters for race and ethnicity, please see the “Generalized Variance Parameters” section.
- (4) The Total and Asian, AIAN, NHOPI parameters may be used for both alone and in combination race group estimates.
- (5) For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero.
- (6) For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters.
- (7) For the group self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all characteristics except employment, unemployment, and educational attainment, in which case use Black parameters.

**Table 6. Factors and Populations for State Standard Errors and Parameters:  
January 2015**

State	Factor	January 2015 Population	State	Factor	January 2015 Population
Alabama	1.13	4,775,190	Montana	0.22	1,011,780
Alaska	0.18	706,425	Nebraska	0.51	1,858,190
Arizona	1.16	6,661,807	Nevada	0.72	2,821,194
Arkansas	0.73	2,917,980	New Hampshire	0.35	1,313,795
California	1.16	38,448,808	New Jersey	1.15	8,852,496
Colorado	1.17	5,296,242	New Mexico	0.44	2,046,673
Connecticut	0.88	3,546,498	New York	1.19	19,540,215
Delaware	0.23	924,618	North Carolina	1.18	9,771,293
District of Columbia	0.18	653,795	North Dakota	0.18	731,855
Florida	1.12	19,714,601	Ohio	1.15	11,438,764
Georgia	1.16	9,934,594	Oklahoma	1.07	3,811,554
Hawaii	0.33	1,365,447	Oregon	1.06	3,949,893
Idaho	0.40	1,622,480	Pennsylvania	1.16	12,599,306
Illinois	1.16	12,697,268	Rhode Island	0.28	1,040,546
Indiana	1.14	6,513,556	South Carolina	1.12	4,754,196
Iowa	0.78	3,073,720	South Dakota	0.23	838,828
Kansas	0.81	2,846,419	Tennessee	1.14	6,470,706
Kentucky	1.16	4,331,826	Texas	1.17	26,671,771
Louisiana	1.06	4,554,044	Utah	0.51	2,935,492
Maine	0.42	1,316,952	Vermont	0.20	620,288
Maryland	1.19	5,901,321	Virginia	1.19	8,140,123
Massachusetts	1.13	6,689,860	Washington	1.17	6,990,016
Michigan	1.15	9,809,125	West Virginia	0.50	1,820,694
Minnesota	1.16	5,416,437	Wisconsin	1.16	5,692,869
Mississippi	0.71	2,925,047	Wyoming	0.16	574,403
Missouri	1.18	5,965,436			

- Notes: (1) The state population counts in this table are for the 0+ population for January 2015.  
(2) For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters.

<b>Table 7. Factors and Populations for Regional Standard Errors and Parameters: January 2015</b>		
Region	Factor	January 2015 population
Northeast	1.08	55,519,956
Midwest	1.09	66,882,467
South	1.11	118,073,353
West	1.03	74,430,660

- Notes: (1) The state population counts in this table are for the 0+ population for January 2015.
- (2) For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters.



## REFERENCES

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- [2] U.S. Census Bureau. 2006. *Current Population Survey: Design and Methodology*. Technical Paper 66. Washington, DC: Government Printing Office. <http://www.census.gov/prod/2006pubs/tp-66.pdf>
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- [4] Brooks, C.A. and Bailar, B.A. 1978. *Statistical Policy Working Paper 3 - An Error Profile: Employment as Measured by the Current Population Survey*. Subcommittee on Nonsampling Errors, Federal Committee on Statistical Methodology, U.S. Department of Commerce, Washington, DC. <https://s3.amazonaws.com/sitesusa/wp-content/uploads/sites/242/2014/04/spwp3.pdf>
- [5] U.S. Census Bureau, July 15, 2009, “Estimating ASEC Variances with Replicate Weights Part I: Instructions for Using the ASEC Public Use Replicate Weight File to Create ASEC Variance Estimates.” [https://usa.ipums.org/usa/resources/repwt/Use\\_of\\_the\\_Public\\_Use\\_Replicate\\_Weight\\_File\\_final\\_PR.doc](https://usa.ipums.org/usa/resources/repwt/Use_of_the_Public_Use_Replicate_Weight_File_final_PR.doc)

All online references accessed August 8, 2017.

## ATTACHMENT 17

### USER NOTES

This section will contain information relevant to the *Current Population Survey, January 2015: Tobacco Use Supplement File* that becomes available after the file is released.