

# CURRENT POPULATION SURVEY, JANUARY 2007 TOBACCO USE SUPPLEMENT FILE

## TECHNICAL DOCUMENTATION CPS—07

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### NOTE

Questions about accompanying **documentation** should be directed to Administrative and Customer Services Division, Electronic Products Development Branch, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-8004.

Questions about the **CD-ROM** should be directed to Marketing Services Office, 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 Dennis Clark, Demographic Surveys Division, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-3806

# ATTACHMENT 1

## ABSTRACT

*Current Population Survey, May 2006, August 2006, and January 2007: Tobacco Use Supplement [machine-readable data file] conducted by the U.S. Census Bureau for the Bureau of Labor Statistics. - Washington: U.S. Census Bureau [producer and distributor], 2008.*

### **Type of File:**

Microdata; unit of observation is person.

### **Universe Description:**

The universe changed each month due to cost considerations and some overlap of the sample. For May and August 2006 the universe consisted of all persons aged 15 and above in the civilian noninstitutional population of the United States. August used 6 of 8 rotations and interviewing was discontinued for persons age 15 to 17. January 2007 had a universe age of 18 and older. The probability sample selected to represent the universe consisted of 163,085 households. These include: May 2006 – 54,534; August 2006 – 55,128; and January 2007 – 53,423

The Tobacco Use Supplement universe is person level for all persons age 15 and older (or 18 as specified above) who completed the labor force interview. August differed from May and January because August used 6 months in sample (MIS) but May and January used all 8 MIS. August used MIS 1, 2, 3, 5, 6, or 7.

*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 smoked 100 cigarettes, is a self-respondent and currently smoking everyday
- Section C questions were asked if the person smoked 100 cigarettes, is a self-respondent and currently smoking some days.
- Section D asked questions about quit smoking attempts of the past 12 months.
- Section E asked about methods used to quit during the past 12 months.
- Section F asked about Doctor and Dentist advice to stop smoking.
- Section G asked about the person's likelihood to quit within the next 6 months.
- Section H questions were asked if the person smoked 100 cigarettes, is a self-respondent and currently not smoking at all.
- Section J asked all respondents about use of other tobacco products.
- Section JJ asked about use of pending tobacco products with claims of fewer harmful chemicals.
- Section K asked about banning of smoking at home and in the workplace.
- The Supplement Universe was:
  - (HRINTSTA = 1 AND
  - PRTAGE greater than or equal to 15 AND
  - HRMIS in 1, 2, 3, 4, 5, 6, 7, 8)
  - except as noted above that August did not use MIS 4 or 8 and January had PRTAGE greater than or equal to 18.*

**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, marital status, veteran status, household relationship, educational background, and Hispanic origin.

The Tobacco Use questions were asked of any person age 15 years or older in the household in May 2006. They were asked of persons age 18 years or older in January 2007.

**Geographic Coverage:**

Geography data is provided to the State level.

**Technical Description:**

**File Structure:** Rectangular.

**File Size:**

|              | <u>Record<br/>Number</u> | <u>Record<br/>Size</u> |
|--------------|--------------------------|------------------------|
| May 2006     | 153,344                  | 1,315 characters       |
| August 2006  | 154,149                  | 1,315 characters       |
| January 2007 | <u>152,318</u>           | 1,315 characters       |
| Total        | <u>459,811</u>           | 1,315 characters       |

There are 287,991 total supplement eligible records derived from:

|              |         |
|--------------|---------|
| May 2006     | 107,034 |
| August 2006  | 81,123  |
| January 2007 | 99,834  |

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

**Reference Materials:**

*Current Population Survey, January 2007: Tobacco Use Supplement Technical Documentation.*

Documentation contains this abstract, questionnaire facsimiles, and record layouts of the file. One copy accompanies each file order. Additional copies are available from Marketing Services Office, Customer Services Center, U.S. Bureau of the Census, Washington, DC 20233.

Bureau of the Census. *The Current Population Survey Design and Methodology* (Technical Paper 63RV) 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.

For information about the Current Population Survey and other Census Bureau data products, be sure to visit our online Question & Answer Center on the Census Bureau's home page at <http://www.census.gov/> where you can search our knowledge base and submit questions.

**File Availability:**

You can order the file on disc from the Customer Services Center at (301) 763-INFO (4636) or through our online sales catalog (click "Catalog" on the Census Bureau's home page).

## 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 57,000 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 5 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 112,000 persons 15 years old and over, approximately 31,000 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<br>Noninstitutional<br>Population | Civilian<br>Labor<br>Force | Employed | Unemployed | Not in<br>Labor<br>Force |
|--|--|----------------------------|----------|------------|--------------------------|
| -----                                      |  |                            |          |            |                          |
| January 1993<br>Data (000's)               |  |                            |          |            |                          |
| Final Weights                              | 192,644                                    | 126,115                    | 116,113  | 10,002     | 66,529                   |
| Composited<br>(Not Seasonally<br>Adjusted) | 192,644                                    | 126,034                    | 116,123  | 9,911      | 66,610                   |
| Composited<br>(Seasonally<br>Adjusted)     | 192,644                                    | 127,083                    | 118,071  | 9,013      | 65,561                   |
| -----                                      |  |                            |          |            |                          |
| July 1993<br>Data (000's)                  |  |                            |          |            |                          |
| Final Weights                              | 193,633                                    | 130,399                    | 121,450  | 8,949      | 63,234                   |
| Composited<br>(Not Seasonally<br>Adjusted) | 193,633                                    | 130,324                    | 121,323  | 9,002      | 63,309                   |
| Composited<br>(Seasonally<br>Adjusted)     | 193,633                                    | 128,070                    | 119,301  | 8,769      | 65,563                   |
| -----                                      |  |                            |          |            |                          |

## ATTACHMENT 3

### OVERVIEW

#### May 2006, August 2006 and January 2007 Tobacco Use Survey

##### General

Census Bureau staff conducted a Tobacco Use Supplement (TUS) to the Current Population Survey (CPS) in conjunction with the May 2006, August 2006 and January 2007 CPS. The National Cancer Institute (NCI) and the Centers for Disease Control and Prevention (CDC) co-sponsored the supplement. 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 2006-2007 TUS questions.

Census Bureau staff collected the series of NCI sponsored Tobacco Use Supplements to the CPS in September 1992, January 1993, and May 1993; in September 1995, January 1996, and May 1996; in September 1998, January 1999, and May 1999; and again in June 2001, November 2001 and February 2002. We conducted an abbreviated TUS in January 2000 and May 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. Prior to this 2006-2007 cycle, the most recent series of TUS, the 2003 Tobacco Use Special Cessation Supplement (TUSCS), had a special detailed set of cessation questions not on the standard TUS-CPS series Supplements. This 2003 Supplement was conducted in February, June and November 2003. 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). See <http://riskfactor.cancer.gov/studies/tus-cps> for details on this cohort data.

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 that all three files be purchased when analyzing state level data. This is especially important when trying to replicate analysis done by the NCI, 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., May 2006, August 2006 or January 2007); and its corresponding CPS data.

For the 2006-2007 waves of tobacco use supplements, the citation is: U.S. Department of Commerce, Census Bureau 2008, National Cancer Institute and Centers for Disease Control and Prevention co-sponsored Tobacco Use Supplement to the Current Population Survey 2006-2007.

<http://riskfactor.cancer.gov/studies/tus-cps>

<http://www.census.gov/apspd/techdoc/cps/cps-main.html>.

For more information about past, current and future NCI TUS and data reports and publications utilizing supplement data see the NCI website: <http://riskfactor.cancer.gov/studies/tus-cps/>

## **Race/Ethnicity 2003 Changes Relevant to the 2006-2007 TUS and Subsequent Trend Analyses**

This section is relevant for those wishing to make smoking estimates by race and/or ethnicity. Due to a directive from the Office of Management and Budget (OMB), the Current Population Survey (CPS) changed its race/ethnicity questions in January 2003. CPS respondents since then may now select more than one race when answering the survey. The change in wording does not impact smoking estimates and trends made for the Nation from the 2003 TUSCS and 2006-07 TUS-CPS, but it potentially impacts smoking estimates and trends by race/ethnicity for those who report multiple races.

When a change is made in question wording on a continuing survey, it is standard to ask the two different forms of the question to a random sample of survey respondents -- the "overlap sample". Using this sample of responses, a model can be constructed that allows the prediction of responses from one set of questions given a particular response to the other question. This model can be used to obtain estimates of what would have been obtained using the old question when the new question is used exclusively. The overlap sample and modeling process provides a bridge from the new estimates to the old estimates.

In May 2002, the Bureau of Labor Statistics (BLS) sponsored a CPS supplement that asked the new race/ethnicity questions of all sample people. The Census Bureau provided cross-tabular information on race/ethnicity responses from the old (pre-2003) and new (post-2003) questions. Using this information, NCI analysts developed a method to make valid TUSCS-CPS smoking estimates by race/ethnicity using multiple imputation. For information about this method, see the NCI website: <http://riskfactor.cancer.gov/studies/tus-cps/>.

The multiple imputation approach has the potential to make the greatest difference in the estimates for races where a high proportion of the respondents report multiple races. In the May 2002 CPS supplement, less than 2% of the respondents reported multiple races. However, over 50% of the American Indian and Alaskan Native (AIAN) respondents reported multiple races. The NCI, as part of the Department of Health and Human Services (DHHS), is committed to reducing health disparities for the underserved populations -- such as the AIAN. Thus, it was important to the NCI to develop this race bridging methodology to allow comparison of smoking estimates by race/ethnicity.

### **Data Collection**

**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., May 2006, August 2006, or January 2007) 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 include other topics in analysis from Internet Use, Time Use, Veterans, Food Security, and other CPS Supplements. The American Time Use Supplement 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 2006-07 TUS –CPS files can be located at <http://riskfactor.cancer.gov/studies/tus-cps> ..

**Respondents are included in the 2006-07 TUS-CPS sample only once.** Panels #4 and #8 for August 2006 which were interviewed as panels #1 and #5 in May 2006 were not given the TUS in August -- eliminating any possibility of those individuals being in the sample twice with-in the 2006-07 data files.

**The 2006-07 Tobacco Use Supplement Items.** The Supplement consisted of Items PEA1 through SINTTP. All CPS household members age 15 years and older who had completed CPS Core items were eligible for these items in May 2006. Beginning in August 2006, 15-17 year old respondents were phased out of the TUS and they were entirely omitted from the January 2007 sample due to Census Bureau budget constraints.

*Items for Both Proxy and Self-Respondents.* Self-respondents were eligible for the entire supplement, whereas proxy respondents were only eligible for certain items. We only collected information from proxies on topics such as smoking status (Items PEA1 – PEA3) and the use of other tobacco products- pipes, cigars, chewing tobacco, and snuff (Items PEJ1a@1-4 and PEJ2a@1-4).

*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 every day, 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 – PEH10b, and PEJ2b – J7b). This included those asked generally on all the TUS-CP series such as attempts to quit smoking (Items PEDa – PED8).
- Also included were some *special questions first asked in the 2003 TUS series* such as type of cigarettes smoked - menthol cigarettes (Items PEB2, PEC2, PEH7a), a measure of addiction - “time after awakening smoking first cigarette/using other tobacco product (Items PEB5a, PEC5a, PEH8a, PEJ3a-PEJ3d), and attempts to quit other forms of tobacco use (Items PEJ4, PEJ7b). Another important feature is the assessment of price of last pack/carton of cigarettes purchased and state of purchase (BA6a – B6d2, and CA6a – C6d2).
- Questions *which hadn’t ever appeared before in previous TUS-CPS series* regarding amount of cigarettes smoked about 12 months ago (Items PEB9 – B10b, PEC9-C10b, and PEH6A-H6C), asking about purchase of individual cigarettes (“loosies”- Items B6e1-B6e32 and C6e1-C6e32), the state in which the respondent works (Item K1c ), awareness of 1-800-QUIT NOW (Item KQTNW), encouraged a friend or family member to quit smoking (Item KOTHQT), and attitudes towards smoking policies at - indoor concerts, and outdoor children’s playgrounds and sports fields (Items K6@5,6).

- In addition, we asked current smokers questions, such as whether the medical and dental community had advised them to quit smoking (Items PEF1a – PEF2d), or if they were planning to quit in the near future (Items PEG1 – PEG4). Similar questions (Items H6.1a-H6.2d) on health professional advice to quit smoking were asked of *former smokers, a novel approach for national surveys*.
- Questions such as those asked also in 2003 were included to examine use of *new tobacco products that are claimed to have fewer harmful chemicals* (Items PEJJ1@1 – PEJJ1@8).
- We also asked all self-respondents questions asked on previous TUS about smoking policies in their work place (Items PEK1 – PEK3d), smoking rules in the home (Item PEK4) and their opinions about smoking in various public places (Items PEK6@1-4).

**Special Administrative Items.** We also collected some special questions, such as who the proxy respondents were, 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.

Another *generally unique feature of the 2003 TUSCS-CPS and the 2006-07 TUS-CPS* is asking *former smokers* questions on their previous level of addiction, use of quitlines, and advice from health professionals. This feature enables elegant comparisons between characteristics of former smokers—“successful quitters” and current smokers attempting to quit.

**Data Processing**

The data processing involved editing the May 2006, August 2006 and January 2007 Supplement data. This process is described on the next page.

**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. Items with missing entries were assigned values (allocations), if appropriate. The remaining items were not allocated.

*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 (located in positions 1272-1273) 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" (located in positions 1278-1279), where Code 1 is an interview and Code 2 is a non-interview. The smoking status recode is identified by the variable "SMOKSTAT" (located in positions 1282-1283) where Code 1 is a "never smoker," Code 2 is an "every day smoker," Code 3 is a "some days smoker," Code 4 is a "former smoker," and Code -9 is "indeterminate (unknown) smoking status."

The values and universes for each variable are defined 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 (located in positions 613-622) 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-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-Response Weights.* Use the supplement non-response adjustment weight PWNRWGT (located in positions 1294-1303) for tallying the supplement items. When you are interested in self-response analysis (especially for those items requiring self-response only), use the supplement self-response adjustment weight PWSRWGT (in positions 1304-1313) 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 (May 2006, August 2006, and January 2007). **To use the weights when combining the three files, divide each weight by three.** Note – if you are interested in respondents who are ages 15-17 years old, only two months of data can be combined (May and August 2006) since January 2007 does not include data for those below 18 years of age. Thus for this age group to use the weights when combining the two files, divide each weight by two. The Source and Accuracy Statement found in Attachment 16, contains a detailed description on how to use the TUS-CPS special parameters to make standard error estimates for single and combined files and the need for special replicate weight files for complex analysis such as regression.

## May 2006, August 2006, and January 2007 NCI and CDC Co-Sponsored TUS-CPS Files

**CPS Labor Force Data.** The May 2006 CPS file contains 153,344 records. The August 2006 CPS file contains 154,149 records and the January 2007 CPS file contains 152,318 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.

The variable PRPERTYP (located in positions 161-162 on the CPS Basic Items Record Layout) determines the type of person 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)

The variable HRINTSTA (located in positions 57-58 on the CPS Basic Items Record Layout) determines the interview status of the household.

### HRINTSTA

- 1 = Interview
- 2 = Type A Noninterview (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 Noninterview (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 Noninterview (These records represent sample addresses determined to be ineligible for CPS by virtue of a permanent change such as demolished, condemned, etc. These addresses will not be visited again for CPS interviews.)

The total number of records is determined by combining the values of PRPERTYP (1-3) and HRINTSTA (2-4).

The values of PRPERTYP are:

|                           | <u>Unweighted Counts</u> |            |            |
|---------------------------|--------------------------|------------|------------|
| 1 = (Child)               | 28,373                   | 28,193     | 27,515     |
| 2 = (Adult Civilian, 15+) | 107,296                  | 108,816    | 106,172    |
| 3 = (Adult, Armed Forces) | <u>440</u>               | <u>410</u> | <u>407</u> |
| Total                     | 136,109                  | 137,419    | 134,094    |

The values of HRINTSTA are:

|                         |            |            |            |
|-------------------------|------------|------------|------------|
| 1 = Interview           | 136,109    | 137,419    | 134,094    |
| 2 = Type A Noninterview | 5,108      | 4,558      | 5,386      |
| 3 = Type B Noninterview | 11,676     | 11,769     | 12,367     |
| 4 = Type C Noninterview | <u>451</u> | <u>403</u> | <u>471</u> |
| Total                   | 153,344    | 154,149    | 152,318    |

For supplement non-response and supplement self-response rates, see the Source and Accuracy Statement in Attachment 16.

The total number of TUS-CPS Interviewed Adults 15+ (INTRVIEW=1) are:

| May 2006 | August 2006 | January 2007 |
|----------|-------------|--------------|
| 86,093   | 66,009      | 85,097       |



## 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 ask "(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 and eat 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 rooming houses, 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 820,000 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 three groups on the basis of race: White, Black, and Other races. The last category includes Indians, Japanese, Chinese, and any other race except White and Black. In most of the published tables, "Other Races" are shown in total population.

**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**-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 CAPI instrument, either collected during the interview or created by the CAPI 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 16 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 2007        \*

\*\*\*\*\*

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

|  |
|--|
| Additional valid entries for unedited items:<br>-1 (blank), -2 (don't know), -3 (refused). |
|--|

|        |    |                               |        |
|--------|----|-------------------------------|--------|
| 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

VALID ENTRIES

|    |           |
|----|-----------|
| 01 | MIN VALUE |
| 12 | MAX VALUE |

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
| HRYEAR4  | 4    | YEAR OF INTERVIEW<br><br>EDITED UNIVERSE:<br>ALL HHLDs IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>1998 MIN VALUE<br>2999 MAX VALUE   | 18 - 21  |
| HURESPLI | 2    | LINE NUMBER OF THE CURRENT RESPONDENT<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>99 MAX VALUE   | 22 - 23  |
| HUFINAL  | 3    | FINAL OUTCOME CODE<br><br>OUTCOME CODES BETWEEN 001 AND 200<br>ARE FOR CATI.<br>ALL OTHER OUTCOME CODES ARE FOR CAPI.<br><br><u>VALID ENTRIES</u><br><br>200 NEW INTERVIEW - NOT CONTACTED<br>201 FULLY COMPLETE CATI INTERVIEW<br>202 PARTIALLY COMPLETED CATI INTERVIEW<br>205 LABOR FORCE COMPLETE, SUPPLEMENT<br>INCOMPLETE - CATI<br>204 HH OCCUPIED ENTIRELY BY ARMED FORCES<br>MEMBERS<br>115 PARTIAL INTERVIEW WITH CALLBACK<br>PLANNED - CATI<br>200 NEW INTERVIEW - CONTACTED<br>201 CAPI COMPLETE<br>202 CALLBACK NEEDED<br>203 SUFFICIENT PARTIAL - PRECLOSEOUT<br>204 SUFFICIENT PARTIAL - AT CLOSEOUT<br>205 LABOR FORCE COMPLETE, - SUPPL.<br>INCOMPLETE - CAPI<br>210 CAPI COMPLETE REINTERVIEW<br>216 NO ONE HOME<br>217 TEMPORARILY ABSENT<br>218 REFUSED<br>219 OTHER OCCUPIED - SPECIFY<br>224 ARMED FORCES OCCUPIED OR UNDER AGE 14 | 24 - 26  |

| NAME     | SIZE | DESCRIPTION   | LOCATION |
|----------|------|---|----------|
|          |      | 225 TEMP. OCCUPIED W/PERSONS WITH URE   |          |
|          |      | 226 VACANT REGULAR  |          |
|          |      | 227 VACANT - STORAGE OF HHLD FURNITURE  |          |
|          |      | 228 UNFIT, TO BE DEMOLISHED   |          |
|          |      | 229 UNDER CONSTRUCTION, NOT READY   |          |
|          |      | 230 CONVERTED TO TEMP BUSINESS OR STORAGE   |          |
|          |      | 231 UNOCCUPIED TENT OR TRAILER SITE   |          |
|          |      | 232 PERMIT GRANTED - CONSTRUCTION NOT STARTED   |          |
|          |      | 233 OTHER - SPECIFY   |          |
|          |      | 240 DEMOLISHED  |          |
|          |      | 241 HOUSE OR TRAILER MOVED  |          |
|          |      | 242 OUTSIDE SEGMENT   |          |
|          |      | 243 CONVERTED TO PERM. BUSINESS OR STORAGE  |          |
|          |      | 244 MERGED  |          |
|          |      | 245 CONDEMNED   |          |
|          |      | 246 BUILT AFTER APRIL 1, 1980   |          |
|          |      | 247 UNUSED SERIAL NO./LISTING SHEET LINE  |          |
|          |      | 248 OTHER - SPECIFY   |          |
| HUSPNISH | 2    | IS SPANISH THE ONLY LANGUAGE SPOKEN BY ALL MEMBERS OF THIS HOUSEHOLD WHO ARE 15 YEARS OF AGE OR OLDER?                  | 27 - 28  |
|          |      | <u>VALID ENTRIES</u>  |          |
|          |      | 1 SPANISH ONLY LANGUAGE SPOKEN  |          |
| HETENURE | 2    | ARE YOUR LIVING QUARTERS... (READ ANSWER CATEGORIES)  | 29 - 30  |
|          |      | EDITED UNIVERSE:<br>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. |          |

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
| HEHOUSUT | 2    | <p>TYPE OF HOUSING UNIT</p> <p>EDITED UNIVERSE: ALL HHLDS IN SAMPLE</p> <p><u>VALID ENTRIES</u></p> <p>0 OTHER UNIT</p> <p>1 HOUSE, APARTMENT, FLAT</p> <p>2 HU IN NONTRANSIENT HOTEL, MOTEL, ETC.</p> <p>3 HU PERMANENT IN TRANSIENT HOTEL, MOTEL</p> <p>4 HU IN ROOMING HOUSE</p> <p>5 MOBILE HOME OR TRAILER W/NO PERM. ROOM ADDED</p> <p>6 MOBILE HOME OR TRAILER W/1 OR MORE PERM. ROOMS ADDED</p> <p>7 HU NOT SPECIFIED ABOVE</p> <p>8 QUARTERS NOT HU IN ROOMING OR BRDING HS</p> <p>9 UNIT NOT PERM. IN TRANSIENT HOTL, MOTL</p> <p>10 UNOCCUPIED TENT SITE OR TRLR SITE</p> <p>11 STUDENT QUARTERS IN COLLEGE DORM</p> <p>12 OTHER UNIT NOT SPECIFIED ABOVE</p> | 31 - 32  |
| HETELHHD | 2    | <p>IS THERE A TELEPHONE IN THIS HOUSE/APARTMENT?</p> <p>EDITED UNIVERSE:<br/>HPRINTSTA = 1</p> <p><u>VALID ENTRIES</u></p> <p>1 YES</p> <p>2 NO</p>  | 33 - 34  |
| HETELAVL | 2    | <p>IS THERE A TELEPHONE ELSEWHERE ON WHICH PEOPLE IN THIS HOUSEHOLD CAN BE CONTACTED?</p> <p>EDITED UNIVERSE:<br/>HETELHHD = 2</p> <p><u>VALID ENTRIES</u></p> <p>1 YES</p> <p>2 NO</p>  | 35 - 36  |

| NAME     | SIZE | DESCRIPTION   | LOCATION |
|----------|------|---|----------|
| HEPHONEO | 2    | IS A TELEPHONE INTERVIEW ACCEPTABLE?<br><br>EDITED UNIVERSE:<br>HETELHHD = 1 OR HETELAVL = 1<br><br><u>VALID ENTRIES</u><br><br>1      YES<br>2      NO   | 37 - 38  |
| HUFAMINC | 2    | FAMILY INCOME<br>(COMBINED INCOME OF ALL FAMILY MEMBERS DURING THE LAST 12 MONTHS. INCLUDES MONEY FROM JOBS, NET INCOME FROM BUSINESS, FARM OR RENT, PENSIONS, DIVIDENDS, INTEREST, SOCIAL SECURITY PAYMENTS AND ANY OTHER MONEY INCOME RECEIVED BY FAMILY MEMBERS WHO ARE 15 YEARS OF AGE OR OLDER.)<br><br><u>VALID ENTRIES</u><br><br>1      LESS THAN \$5,000<br>2      5,000 TO 7,499<br>3      7,500 TO 9,999<br>4      10,000 TO 12,499<br>5      12,500 TO 14,999<br>6      15,000 TO 19,999<br>7      20,000 TO 24,999<br>8      25,000 TO 29,999<br>9      30,000 TO 34,999<br>10     35,000 TO 39,999<br>11     40,000 TO 49,999<br>12     50,000 TO 59,999<br>13     60,000 TO 74,999<br>14     75,000 TO 99,999<br>15     100,000 TO 149,999<br>16     150,000 OR MORE | 39 - 40  |
| HUTYPEA  | 2    | TYPE A NONINTERVIEW REASON<br><br><u>VALID ENTRIES</u><br><br>1      NO ONE HOME (NOH)<br>2      TEMPORARILY ABSENT (TA)<br>3      REFUSED (REF)<br>4      OTHER OCCUPIED - SPECIFY   | 41 - 42  |

| NAME    | SIZE | DESCRIPTION  | LOCATION |
|---------|------|--|----------|
| HUTYPB  | 2    | TYPE B NON-INTERVIEW REASON  | 43 - 44  |
|         |      | <u>VALID ENTRIES</u>   |          |
|         |      | 1 VACANT REGULAR   |          |
|         |      | 2 TEMPORARILY OCCUPIED BY PERSONS<br>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<br>STORAGE   |          |
|         |      | 7 UNOCCUPIED TENT SITE OR T<br>RAILER SITE   |          |
|         |      | 8 PERMIT GRANTED CONSTRUCTION<br>NOT STARTED   |          |
|         |      | 9 OTHER TYPE B - SPECIFY   |          |
| HUTYPC  | 2    | TYPE C NON-INTERVIEW REASON  | 45 - 46  |
|         |      | <u>VALID ENTRIES</u>   |          |
|         |      | 1 DEMOLISHED   |          |
|         |      | 2 HOUSE OR TRAILER MOVED   |          |
|         |      | 3 OUTSIDE SEGMENT  |          |
|         |      | 4 CONVERTED TO PERM. BUSINESS<br>OR STORAGE  |          |
|         |      | 5 MERGED   |          |
|         |      | 6 CONDEMNED  |          |
|         |      | 8 UNUSED LINE OF LISTING SHEET   |          |
|         |      | 9 OTHER - SPECIFY  |          |
| HWHHWGT | 10   | HOUSEHOLD WEIGHT<br>(4 IMPLIED DECIMAL PLACES)<br>USED FOR TALLYING HOUSEHOLD<br>CHARACTERISTICS | 47 - 56  |
|         |      | EDITED UNIVERSE:<br>HPRINTSTA = 1  |          |

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
| HRINTSTA | 2    | INTERVIEW STATUS<br><br>EDITED UNIVERSE:<br>ALL HHLDS IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>1 INTERVIEW<br>2 TYPE A NON-INTERVIEW<br>3 TYPE B NON-INTERVIEW<br>4 TYPE C NON-INTERVIEW   | 57 - 58  |
| HRNUMHOU | 2    | TOTAL NUMBER OF PERSONS LIVING<br>IN THE HOUSEHOLD (HOUSEHOLD MEMBERS).<br><br>EDITED UNIVERSE:<br>ALL HHLDS IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>16 MAX VALUE  | 59 - 60  |
| HRHTYPE  | 2    | HOUSEHOLD TYPE<br><br>EDITED UNIVERSE:<br>ALL HHLDS IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>0 NON-INTERVIEW HOUSEHOLD<br>1 HUSBAND/WIFE PRIMARY FAMILY (NEITHER AF)<br>2 HUSB/WIFE PRIM. FAMILY (EITHER/BOTH AF)<br>3 UNMARRIED CIVILIAN MALE-PRIM. FAM HHLDER<br>4 UNMARRIED CIV. FEMALE-PRIM FAM HHLDER<br>5 PRIMARY FAMILY HHLDER-RP IN AF, UNMAR.<br>6 CIVILIAN MALE PRIMARY INDIVIDUAL<br>7 CIVILIAN FEMALE PRIMARY INDIVIDUAL<br>8 PRIMARY INDIVIDUAL HHLD-RP IN AF<br>9 GROUP QUARTERS WITH FAMILY<br>10 GROUP QUARTERS WITHOUT FAMILY | 61 - 62  |



| NAME     | SIZE | DESCRIPTION   | LOCATION |
|----------|------|---|----------|
| HRMIS    | 2    | MONTH-IN-SAMPLE<br><br>EDITED UNIVERSE:<br>ALL HHLDs IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>1      MIN VALUE<br>8      MAX VALUE  | 63 - 64  |
| HUINTTYP | 2    | TYPE OF INTERVIEW<br><br><u>VALID ENTRIES</u><br><br>0      NONINTERVIEW/INDETERMINATE<br>1      PERSONAL<br>2      TELEPHONE   | 65 - 66  |
| HUPRSCNT | 2    | NUMBER OF ACTUAL AND<br>ATTEMPTED PERSONAL CONTACTS<br><br><u>VALID ENTRIES</u><br><br>1      MIN VALUE<br>9      MAX VALUE   | 67 - 68  |
| HRLONGLK | 2    | LONGITUDINAL LINK INDICATOR<br>EDITED UNIVERSE:<br>ALL HHLDs IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>0      MIS 1 OR REPLACEMENT HH (NO LINK)<br>2      MIS 2-4 OR MIS 6-8<br>3      MIS 5 | 69 - 70  |

| NAME    | SIZE | DESCRIPTION  | LOCATION |
|---------|------|--|----------|
| HRHHID2 | 5    | HOUSEHOLD IDENTIFIER (part 2)<br><br>EDITED UNIVERSE:<br>ALL HHL'D's IN SAMPLE<br><br>Part 1 of this number is found in columns 1-15<br>of the record.<br>Concatenate this item with Part 1 for matching<br>forward in time.<br><br>The component parts of this number are as follows:<br><br>71-72 Numeric component of the sample number<br>(HRSAMPLE)<br>73-74 Serial suffix-converted to numerics<br>(HRSERSUF)<br>75 Household Number (HUHHNUM) | 71 - 75  |
| FILLER  | 3    | Filler   | 76 - 78  |
| HUBUS   | 2    | DOES ANYONE IN THIS HOUSEHOLD<br>HAVE A BUSINESS OR A FARM?<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO   | 79 - 80  |
| HUBUSL1 | 2    | ENTER LINE NUMBER<br>FOR HUBUS = 1<br><br><u>VALID ENTRIES</u><br><br>01 MIN VALUE<br>99 MAX VALUE   | 81 - 82  |
| HUBUSL2 | 2    | See BUSL1<br><br><u>VALID ENTRIES</u><br><br>1 MIN VALUE<br>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         |          |

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

A2. GEOGRAPHIC INFORMATION

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

EDITED UNIVERSE:  
ALL HHLD's IN SAMPLE

VALID ENTRIES

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

|         |   |                   |         |
|---------|---|-------------------|---------|
| GESTCEN | 2 | CENSUS STATE CODE | 91 - 92 |
|---------|---|-------------------|---------|

EDITED UNIVERSE:  
ALL HHLD's IN SAMPLE

VALID ENTRIES

|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 11 | ME | 51 | DE | 85 | NM |
| 12 | NH | 52 | MD | 86 | AZ |
| 13 | VT | 53 | DC | 87 | UT |
| 14 | MA | 54 | VA | 88 | NV |
| 15 | RI | 55 | WV | 91 | WA |
| 16 | CT | 56 | NC | 92 | OR |
| 21 | NY | 57 | SC | 93 | CA |
| 22 | NJ | 58 | GA | 94 | AK |
| 23 | PA | 59 | FL | 95 | HI |
| 31 | OH | 61 | KY |    |    |
| 32 | IN | 62 | TN |    |    |
| 33 | IL | 63 | AL |    |    |
| 34 | MI | 64 | MS |    |    |
| 35 | WI | 71 | AR |    |    |
| 41 | MN | 72 | LA |    |    |
| 42 | IA | 73 | OK |    |    |
| 43 | MO | 74 | TX |    |    |
| 44 | ND | 81 | MT |    |    |
| 45 | SD | 82 | ID |    |    |
| 46 | NE | 83 | WY |    |    |
| 47 | KS | 84 | CO |    |    |

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

EDITED UNIVERSE:  
ALL HHL'D'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 | Filler | 95 - 95 |
|--------|---|--------|---------|

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| GTCBSA   | 5    | Metropolitan CBSA FIPS CODE<br><br>EDITED UNIVERSE:<br>ALL HHLD's IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>00000 NOT IDENTIFIED OR NONMETROPOLITAN<br>00460 MIN VALUE<br>79600 MAX VALUE<br><br>SPECIFIC METROPOLITAN CBSA CODE<br>(SEE GEOGRAPHIC ATTACHMENT)   | 96 - 100  |
| GTCO     | 3    | FIPS COUNTY CODE<br><br>EDITED UNIVERSE:<br>ALL HHLD's IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>000 NOT IDENTIFIED<br>001-810 SPECIFIC COUNTY CODE<br>(SEE ATTACHMENT 13)<br>NOTE: THIS CODE MUST BE USED<br>IN COMBINATION WITH A STATE<br>CODE (GESTFIPS or GESTCEN) IN<br>ORDER TO UNIQUELY IDENTIFY<br>A COUNTY. ALSO, MOST<br>COUNTIES ARE <u>NOT</u> IDENTIFIED. | 101 - 103 |
| GTCBSAST | 1    | PRINCIPAL CITY/BALANCE STATUS<br><br>EDITED UNIVERSE:<br>ALL HHLD's IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>1 = PRINCIPAL CITY<br>2 = BALANCE<br>3 = NONMETROPOLITAN<br>4 = NOT IDENTIFIED  | 104 - 104 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| GTMETSTA | 1    | METROPOLITAN STATUS  | 105 - 105 |
|          |      | EDITED UNIVERSE:<br>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:<br>ALL HHLD's IN SAMPLE   |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 0 NOT IDENTIFIED, NONMETROPOLITAN,<br>or NOT A CENTRAL CITY  |           |
|          |      | 1-7 SPECIFIC PRINCIPAL CITY CODE<br>(SEE GEOGRAPHIC ATTACHMENT )<br>NOTE: WHENEVER POSSIBLE THIS<br>CODE IDENTIFIES SPECIFIC PRINCIPAL<br>CITIES IN A METROPOLITAN AREA THAT<br>HAS MULTIPLE PRINCIPAL CITIES. THIS<br>CODE MUST BE USED IN COMBINATION<br>WITH THE CBSA FIPS CODE (GTCBSA)<br>IN ORDER TO UNIQUELY IDENTIFY A<br>SPECIFIC CITY. |           |
| GTCBSASZ | 1    | Metropolitan Area (CBSA) SIZE  | 107 - 107 |
|          |      | EDITED UNIVERSE:<br>ALL HHLD's IN SAMPLE   |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 0 = NOT IDENTIFIED OR<br>NONMETROPOLITAN   |           |
|          |      | 2 = 100,000 - 249,999  |           |
|          |      | 3 = 250,000 - 499,999  |           |

| NAME   | SIZE | DESCRIPTION                                      | LOCATION  |
|--------|------|--|-----------|
|        |      | 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    | 108-110   |
|        |      | EDITED UNIVERSE:<br>ALL HHLD's IN SAMPLE         |           |
|        |      | <u>VALID ENTRIES</u>                             |           |
|        |      | 000 NOT IDENTIFIED OR<br>NONMETROPOLITAN         |           |
|        |      | 118 MIN VALUE                                    |           |
|        |      | 720 MAX VALUE                                    |           |
|        |      | SPECIFIC CSA CODE<br>(SEE GEOGRAPHIC ATTACHMENT) |           |
| FILLER | 3    | Filler   | 111 - 113 |



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

A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS

|          |   |   |           |
|----------|---|---|-----------|
| PROLDRRP | 2 | RELATIONSHIP TO REFERENCE<br>PERSON (RECODE) Eliminated February 2005 | 114 - 115 |
|----------|---|---|-----------|

EDITED UNIVERSE:  
PRPERTYP = 1, 2, OR 3

VALID ENTRIES

- 01 REF PERS WITH OTHER RELATIVES  
IN HH
- 02 REF PERS WITH NO OTHER RELATIVES  
IN HH
- 03 SPOUSE
- 04 CHILD
- 05 GRANDCHILD
- 06 PARENT
- 07 BROTHER/SISTER
- 08 OTHER RELATIVE
- 09 FOSTER CHILD
- 10 NON-REL OF REF PER W/OWN RELS  
IN HH
- 11 PARTNER/ROOMMATE
- 12 NON-REL OF REF PER W/NO OWN RELS  
IN HH  
SEE LOCATION 118 - 119 FOR  
AN UNCOLLAPSED VERSION

\*\*\*\*\*  
\* Starting February 2005 \*  
\*\*\*\*\*

|        |   |        |           |
|--------|---|--------|-----------|
| FILLER | 2 | Filler | 114 - 115 |
|--------|---|--------|-----------|

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PUPELIG | 2    | INTERVIEW STATUS OF EACH PERSON<br>IN THE HOUSEHOLD | 116 - 117 |

VALID ENTRIES

- 1 ELIGIBLE FOR INTERVIEW
- 2 LABOR FORCE FULLY COMPLETE
- 3 MISSING LABOR FORCE DATA FOR PERSON
- 4 (NOT USED)
- 5 ASSIGNED IF AGE IS BLANK
- 6 ARMED FORCES MEMBER
- 7 UNDER 15 YEARS OLD
- 8 NOT A HH MEMBER
- 9 DELETED
- 10 DECEASED
- 11 END OF LIST
- 12 AFTER END OF LIST

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

EDITED UNIVERSE:  
PRPERTYP = 1, 2, OR 3

VALID ENTRIES

EXPANDED RELATIONSHIP CATEGORIES

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

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 15 HOUSEMATE/ROOMMATE W/RELS.<br>16 HOUSEMATE/ROOMMATE W/OUT RELS.<br>17 ROOMER/BOARDER W/RELS.<br>18 ROOMER/BOARDER W/OUT RELS.<br>SEE LOCATION 114 - 115 FOR THE<br>COLLAPSED VERSION      |           |
| PEPARENT | 2    | LINE NUMBER OF PARENT<br><br>EDITED UNIVERSE:<br>EVERY PERSON<br><br><u>VALID ENTRIES</u><br><br>-1 NO PARENT<br>01 MIN VALUE<br>99 MAX VALUE  | 120 - 121 |
| PEAGE    | 2    | PERSONS AGE AS OF THE<br>END OF SURVEY WEEK<br><br>EDITED UNIVERSE:<br>PRPERTYP = 1, 2, OR 3<br><br><u>VALID ENTRIES</u><br><br>00-79 Age in Years<br>80 80-84 Years Old<br>85 85+ Years Old | 122 - 123 |
| PRTFAGE  | 1    | TOP CODE FLAG FOR AGE<br><br><u>VALID ENTRIES</u><br><br>0 NO TOP CODE<br>1 TOP CODED VALUE FOR AGE  | 124 - 124 |

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

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

\*\*\*\*\*  
 \* Starting August 2005 \*  
 \*\*\*\*\*

|         |   |                                 |           |
|---------|---|---------------------------------|-----------|
| FILLER  | 2 | Filler                          | 133 - 134 |
| PEAFNOW | 2 | ARE YOU NOW IN THE ARMED FORCES | 135 - 136 |

EDITED UNIVERSE:  
 PRPERTYP = 2 or 3

VALID ENTRIES

1 YES  
 2 NO

|         |   |   |           |
|---------|---|---|-----------|
| PEEDUCA | 2 | HIGHEST LEVEL OF SCHOOL COMPLETED OR DEGREE RECEIVED<br>EDITED UNIVERSE:<br>PRPERTYP = 2 OR 3 | 137 - 138 |
|---------|---|---|-----------|

VALID ENTRIES

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)

| NAME     | SIZE | DESCRIPTION | LOCATION  |
|----------|------|-------------|-----------|
| PTDTRACE | 2    | RACE        | 139 - 140 |

EDITED UNIVERSE:  
 PRPERTYP = 1, 2, OR 3

VALID ENTRIES

- 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-Hawaiian
- 10 Black-AI
- 11 Black-Asian
- 12 Black-HP
- 13 AI-Asian
- 14 Asian-HP
- 15 W-B-AI
- 16 W-B-A
- 17 W-AI-A
- 18 W-A-HP
- 19 W-B-AI-A
- 20 2 or 3 Races
- 21 4 or 5 Races

|         |   |                                   |           |
|---------|---|-----------------------------------|-----------|
| PRDTHSP | 2 | DETAILED HISPANIC<br>ORIGIN GROUP | 141 - 142 |
|---------|---|-----------------------------------|-----------|

EDITED UNIVERSE:  
 PEHSPNON = 1

VALID ENTRIES

- 1 Mexican
- 2 Puerto Rican
- 3 Cuban
- 4 Central/South American
- 5 Other Spanish

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

VALID ENTRIES

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

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

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

VALID ENTRIES

- 01 MIN VALUE
- 99 MAX VALUE

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

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

EDITED UNIVERSE:  
PRPERTYP = 1, 2, OR 3

VALID ENTRIES

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

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 11 SUBFAMILY NO. 11 MEMBER<br>12 SUBFAMILY NO. 12 MEMBER<br>13 SUBFAMILY NO. 13 MEMBER<br>14 SUBFAMILY NO. 14 MEMBER<br>15 SUBFAMILY NO. 15 MEMBER<br>16 SUBFAMILY NO. 16 MEMBER<br>17 SUBFAMILY NO. 17 MEMBER<br>18 SUBFAMILY NO. 18 MEMBER<br>19 SUBFAMILY NO. 19 MEMBER |           |
| PRFAMREL | 2    | FAMILY RELATIONSHIP RECODE   | 153 - 154 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, OR 3  |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 0 NOT A FAMILY MEMBER<br>1 REFERENCE PERSON<br>2 SPOUSE<br>3 CHILD<br>4 OTHER RELATIVE (PRIMARY FAMILY & UNREL)  |           |
| PRFAMTYP | 2    | FAMILY TYPE RECODE   | 155 - 156 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, OR 3  |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 PRIMARY FAMILY<br>2 PRIMARY INDIVIDUAL<br>3 RELATED SUBFAMILY<br>4 UNRELATED SUBFAMILY<br>5 SECONDARY INDIVIDUAL   |           |
| PEHSPNON | 2    | HISPANIC OR NON-HISPANIC   | 157 - 158 |
|          |      | EDITED UNIVERSE:<br>PRPERTYP = 1, 2, OR 3  |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 HISPANIC<br>2 NON-HISPANIC   |           |



| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PRMARSTA | 2    | MARITAL STATUS BASED ON<br>ARMED FORCES PARTICIPATION<br><br>EDITED UNIVERSE:<br>PRPERTYP = 2 OR 3<br><br><u>VALID ENTRIES</u><br><br>1 MARRIED, CIVILIAN SPOUSE PRESENT<br>2 MARRIED, ARMED FORCES SPOUSE<br>PRESENT<br>3 MARRIED, SPOUSE ABSENT (EXC.<br>SEPARATED)<br>4 WIDOWED<br>5 DIVORCED<br>6 SEPARATED<br>7 NEVER MARRIED | 159 - 160 |
| PRPERTYP | 2    | TYPE OF PERSON RECORD RECODE<br><br>EDITED UNIVERSE:<br>ALL HOUSEHOLD MEMBERS<br><br><u>VALID ENTRIES</u><br><br>1 CHILD HOUSEHOLD MEMBER<br>2 ADULT CIVILIAN HOUSEHOLD MEMBER<br>3 ADULT ARMED FORCES HOUSEHOLD<br>MEMBER   | 161 - 162 |
| PENATVTY | 3    | COUNTRY OF BIRTH<br><br>EDITED UNIVERSE:<br>PRPERTYP = 1, 2, OR 3<br><br><u>VALID ENTRIES</u><br><br>057 = UNITED STATES<br>066 = GUAM<br>073 = PUERTO RICO<br>078 = U.S. VIRGIN ISLANDS<br>096 = OTHER U.S. ISLAND AREA<br>100-554 = FOREIGN COUNTRY (SEE APPENDIX)<br>555 = ELSEWHERE  | 163 - 165 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEMNTVTY | 3    | <p>MOTHER'S COUNTRY OF BIRTH<br/>           EDITED UNIVERSE:<br/>           PRPERTYP = 1, 2, OR 3</p> <p><u>VALID ENTRIES</u></p> <p>057 = UNITED STATES<br/>           066 = GUAM<br/>           073 = PUERTO RICO<br/>           078 = U.S. VIRGIN ISLANDS<br/>           096 = OTHER U.S. ISLAND AREA<br/>           100-554 = FOREIGN COUNTRY (SEE APPENDIX)<br/>           555 = ELSEWHERE</p>   | 166 - 168 |
| PEFNTVTY | 3    | <p>FATHER'S COUNTRY OF BIRTH</p> <p>EDITED UNIVERSE:<br/>           PRPERTYP = 1, 2, OR 3</p> <p><u>VALID ENTRIES</u></p> <p>057 = UNITED STATES<br/>           066 = GUAM<br/>           073 = PUERTO RICO<br/>           078 = U.S. VIRGIN ISLANDS<br/>           096 = OTHER U.S. ISLAND AREA<br/>           100-554 = FOREIGN COUNTRY (SEE APPENDIX)<br/>           555 = ELSEWHERE</p>   | 169 - 171 |
| PRCITSHP | 2    | <p>CITIZENSHIP STATUS</p> <p>EDITED UNIVERSE:<br/>           PRPERTYP = 1, 2, OR 3</p> <p><u>VALID ENTRIES</u></p> <p>1 = NATIVE, BORN IN THE UNITED STATES<br/>           2 = NATIVE, BORN IN PUERTO RICO OR<br/>               OTHER U.S. ISLAND AREA<br/>           3 = NATIVE, BORN ABROAD OF AMERICAN<br/>               PARENT OR PARENTS<br/>           4 = FOREIGN BORN, U.S. CITIZEN BY<br/>               NATURALIZATION<br/>           5 = FOREIGN BORN, NOT A CITIZEN OF THE<br/>               UNITED STATES</p> | 172 - 173 |

| NAME     | SIZE | DESCRIPTION                 | LOCATION  |
|----------|------|-----------------------------|-----------|
| PRCITFLG | 2    | CITIZENSHIP ALLOCATION FLAG | 174 - 175 |

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 |
|----------|---|---------------------------|-----------|

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 = 2002-2004

\*\*\*\*\*

\* STARTING JANUARY 2005 \*

\*\*\*\*\*

18 = 2002-2005

NAME        SIZE    DESCRIPTION

LOCATION

\*\*\*\*\*  
\*    STARTING JANUARY 2006        \*  
\*\*\*\*\*

18 = 2002-2003  
19 = 2004-2006

\*\*\*\*\*  
\*    STARTING JANUARY 2007        \*  
\*\*\*\*\*

19 = 2004-2007

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

A4. PERSONS INFORMATION LABOR FORCE ITEMS

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

VALID ENTRIES

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

|       |   |   |           |
|-------|---|---|-----------|
| PEMLR | 2 | MONTHLY LABOR FORCE RECODE EDITED UNIVERSE:<br>PRPERTYP = 2 | 180 - 181 |
|-------|---|---|-----------|

VALID ENTRIES

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

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

VALID ENTRIES

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

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PUBUS1   | 2    | LAST WEEK, DID YOU DO ANY UNPAID WORK IN THE FAMILY BUSINESS OR FARM?<br><br><u>VALID ENTRIES</u><br><br>1      YES<br>2      NO                        | 184 - 185 |
| PUBUS2OT | 2    | DO YOU RECEIVE ANY PAYMENTS OR PROFITS FROM THE BUSINESS?<br><br><u>VALID ENTRIES</u><br><br>1      YES<br>2      NO                                    | 186 - 187 |
| PUBUSCK1 | 2    | CHECK ITEM 1<br>FILTER FOR QUESTIONS ON UNPAID WORK<br><br><u>VALID ENTRIES</u><br><br>1      GOTO PUBUS1<br>2      GOTO PURETCK1                       | 188 - 189 |
| PUBUSCK2 | 2    | CHECK ITEM 2<br>SKIPS OWNERS OF FAMILY BUSINES WHO DID NOT WORK LAST WEEK<br><br><u>VALID ENTRIES</u><br><br>1      GOTO PUHRUSL1<br>2      GOTO PUBUS2 | 190 - 191 |
| PUBUSCK3 | 2    | CHECK ITEM 3<br><br><u>VALID ENTRIES</u><br><br>1      GOTO PUABSRSN<br>2      GOTO PULAY   | 192 - 193 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PUBUSCK4 | 2    | CHECK ITEM 4<br><u>VALID ENTRIES</u><br><br>1 GOTO PUHRUSL1<br>2 GOTO PUABSPD   | 194 - 195 |
| PURETOT  | 2    | RETIREMENT STATUS<br>(LAST MONTH YOU WERE REPORTED TO BE<br>RETIRED, ARE YOU STILL RETIRED THIS MONTH?)<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO<br>3 WAS NOT RETIRED LAST MONTH  | 196 - 197 |
| PUDIS    | 2    | DISABILITY STATUS<br>(LAST MONTH YOU WERE REPORTED TO<br>HAVE A DISABILITY.) DOES YOUR DISABILITY<br>CONTINUE TO PREVENT YOU FROM DOING<br>ANY KIND OF WORK FOR THE NEXT 6 MONTHS?<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO<br>3 DID NOT HAVE DISABILITY LAST MONTH           | 198 - 199 |
| PERET1   | 2    | DO YOU CURRENTLY WANT A JOB, EITHER<br>FULL OR PART-TIME?<br><br>EDITED UNIVERSE:<br>PEMLR = 5 AND (PURETOT = 1 OR<br>(PUWK = 3 AND PEAGE >= 50) OR<br>(PUABS = 3 AND PEAGE >= 50) OR<br>(PULAY = 3 AND PEAGE >= 50))<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO<br>3 HAS A JOB | 200 - 201 |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PUDIS1  | 2    | DOES YOUR DISABILITY PREVENT YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS?           | 202 - 203 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 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 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 YES  |           |
|         |      | 2 NO   |           |
| PUABSOT | 2    | LAST WEEK DID YOU HAVE A JOB EITHER FULL OR PART-TIME?   | 206 - 207 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 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 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 YES  |           |
|         |      | 2 NO   |           |
|         |      | 3 RETIRED  |           |
|         |      | 4 DISABLED   |           |
|         |      | 5 UNABLE TO WORK   |           |



| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEABSRSN | 2    | <p>WHAT IS THE MAIN REASON YOU WERE ABSENT FROM WORK LAST WEEK?</p> <p>EDITED UNIVERSE:<br/>PEMLR = 2</p> <p><u>VALID ENTRIES</u></p> <p>1 ON LAYOFF<br/>2 SLACK WORK/BUSINESS CONDITIONS<br/>3 WAITING FOR A NEW JOB TO BEGIN<br/>4 VACATION/PERSONAL DAYS<br/>5 OWN ILLNESS/INJURY/MEDICAL PROBLEMS<br/>6 CHILD CARE PROBLEMS<br/>7 OTHER FAMILY/PERSONAL OBLIGATION<br/>8 MATERNITY/PATERNITY LEAVE<br/>9 LABOR DISPUTE<br/>10 WEATHER AFFECTED JOB<br/>11 SCHOOL/TRAINING<br/>12 CIVIC/MILITARY DUTY<br/>13 DOES NOT WORK IN THE BUSINESS<br/>14 OTHER (SPECIFY)</p> | 210 - 211 |
| PEABSPDO | 2    | <p>ARE YOU BEING PAID BY YOUR EMPLOYER FOR ANY OF THE TIME OFF LAST WEEK?</p> <p>EDITED UNIVERSE:<br/>PEABSRSN = 4-12, 14</p> <p><u>VALID ENTRIES</u></p> <p>1 YES<br/>2 NO</p>  | 212 - 213 |
| PEMJOT   | 2    | <p>DO YOU HAVE MORE THAN ONE JOB?</p> <p>EDITED UNIVERSE:<br/>PEMLR = 1, 2</p> <p><u>VALID ENTRIES</u></p> <p>1 YES<br/>2 NO</p>   | 214 - 215 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEMJNUM  | 2    | ALTOGETHER, HOW MANY JOBS DID YOU HAVE?<br><br>EDITED UNIVERSE:<br>PEMJOT = 1<br><br><u>VALID ENTRIES</u><br><br>2      2 JOBS<br>3      3 JOBS<br>4      4 OR MORE JOBS  | 216 - 217 |
| PEHRUSL1 | 2    | HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR MAIN JOB?<br><br>EDITED UNIVERSE:<br>PEMJOT = 1 OR 2 AND PEMLR = 1 OR 2<br><br><u>VALID ENTRIES</u><br><br>-4     HOURS VARY<br>0     MIN VALUE<br>99    MAX VALUE    | 218 - 219 |
| PEHRUSL2 | 2    | HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR OTHER (JOB/JOBS)?<br><br>EDITED UNIVERSE:<br>PEMJOT = 1 AND PEMLR = 1 OR 2<br><br><u>VALID ENTRIES</u><br><br>-4     HOURS VARY<br>0     MIN VALUE<br>99    MAX VALUE | 220 - 221 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEHRFTPT | 2    | DO YOU USUALLY WORK 35 HOURS OR MORE PER WEEK?<br><br>EDITED UNIVERSE:<br>PEHRUSL1 = -4 OR PEHRUSL2 = -4<br><br><u>VALID ENTRIES</u><br><br>1      YES<br>2      NO<br>3      HOURS VARY  | 222 - 223 |
| PEHRUSLT | 3    | SUM OF HRUSL1 AND HRUSL2.<br><br>EDITED UNIVERSE:<br>PEMLR = 1 OR 2<br><br><u>VALID ENTRIES</u><br><br>-4     VARIES<br>0     MIN VALUE<br>198   MAX VALUE  | 224 - 226 |
| PEHRWANT | 2    | DO YOU WANT TO WORK A FULL-TIME WORKWEEK OF 35 HOURS OR MORE PER WEEK?<br><br>EDITED UNIVERSE:<br>PEMLR = 1 AND<br>(PEHRUSLT = 0-34<br>PEHRFTPT = 2)<br><br><u>VALID ENTRIES</u><br><br>1      YES<br>2      NO<br>3      REGULAR HOURS ARE FULL-TIME | 227 - 228 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEHRRSN1 | 2    | <p>WHAT IS YOUR MAIN REASON FOR WORKING PART-TIME?</p> <p>EDITED UNIVERSE:<br/>PEHRWANT = 1 (PEMLR = 1 AND PEHRUSLT &lt; 35)<br/><u>VALID ENTRIES</u></p> <p>1 SLACK WORK/BUSINESS CONDITIONS<br/>2 COULD ONLY FIND PART-TIME WORK<br/>3 SEASONAL WORK<br/>4 CHILD CARE PROBLEMS<br/>5 OTHER FAMILY/PERSONAL OBLIGATIONS<br/>6 HEALTH/MEDICAL LIMITATIONS<br/>7 SCHOOL/TRAINING<br/>8 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS<br/>9 FULL-TIME WORKWEEK IS LESS THAN 35 HRS<br/>10 OTHER - SPECIFY</p> | 229 - 230 |
| PEHRRSN2 | 2    | <p>WHAT IS THE MAIN REASON YOU DO NOT WANT TO WORK FULL-TIME?</p> <p>EDITED UNIVERSE:<br/>PEHRWANT = 2 (PEMLR = 1 AND PEHRUSLT &lt; 35)<br/><u>VALID ENTRIES</u></p> <p>1 CHILD CARE PROBLEMS<br/>2 OTHER FAMILY/PERSONAL OBLIGATIONS<br/>3 HEALTH/MEDICAL LIMITATIONS<br/>4 SCHOOL/TRAINING<br/>5 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS<br/>6 FULL-TIME WORKWEEK LESS THAN 35 HOURS<br/>7 OTHER - SPECIFY</p>  | 231 - 232 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEHRRSN3 | 2    | <p>WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK?</p> <p>EDITED UNIVERSE:<br/> PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2<br/> (PEMLR = 1 AND PEHRUSLT = 35+)</p> <p><u>VALID ENTRIES</u></p> <p>1 SLACK WORK/BUSINESS CONDITIONS<br/> 2 SEASONAL WORK<br/> 3 JOB STARTED OR ENDED DURING WEEK<br/> 4 VACATION/PERSONAL DAY<br/> 5 OWN ILLNESS/INJURY/MEDICAL APPOINTMENT<br/> 6 HOLIDAY (LEGAL OR RELIGIOUS)<br/> 7 CHILD CARE PROBLEMS<br/> 8 OTHER FAMILY/PERSONAL OBLIGATIONS<br/> 9 LABOR DISPUTE<br/> 10 WEATHER AFFECTED JOB<br/> 11 SCHOOL/TRAINING<br/> 12 CIVIC/MILITARY DUTY<br/> 13 OTHER REASON</p> | 233 - 234 |
| PUHROFF1 | 2    | <p>LAST WEEK, DID YOU LOSE OR TAKE OFF ANY HOURS FROM YOUR JOB, FOR ANY REASON SUCH AS ILLNESS, SLACK WORK, VACATION, OR HOLIDAY?</p> <p><u>VALID ENTRIES</u></p> <p>1 YES<br/> 2 NO</p>  | 235 - 236 |
| PUHROFF2 | 2    | <p>HOW MANY HOURS DID YOU TAKE OFF?</p> <p><u>VALID ENTRIES</u></p> <p>0 MIN VALUE<br/> 99 MAX VALUE</p>  | 237 - 238 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PUHROT1  | 2    | LAST WEEK, DID YOU WORK ANY OVERTIME OR EXTRA HOURS (AT YOUR MAIN JOB) THAT YOU DO NOT USUALLY WORK?<br><br><u>VALID ENTRIES</u><br><br>1      YES<br>2      NO                                      | 239 - 240 |
| PUHROT2  | 2    | HOW MANY ADDITIONAL HOURS DID YOU WORK?<br><br><u>VALID ENTRIES</u><br><br>0      MIN VALUE<br>99     MAX VALUE  | 241 - 242 |
| PEHRACT1 | 2    | LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR JOB?<br><br>EDITED UNIVERSE:<br>PEMLR = 1<br><br><u>VALID ENTRIES</u><br><br>0      MIN VALUE<br>99     MAX VALUE                            | 243 - 244 |
| PEHRACT2 | 2    | LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR OTHER (JOB/JOBS)<br><br>EDITED UNIVERSE:<br>PEMLR = 1 AND PEMJOT = 1<br><br><u>VALID ENTRIES</u><br><br>0      MIN VALUE<br>99     MAX VALUE | 245 - 246 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEHRACTT | 3    | SUM OF PEHRACT1 AND PEHRACT2.<br><br>EDITED UNIVERSE:<br>PEMLR = 1<br><br><u>VALID ENTRIES</u><br><br>0      MIN VALUE<br>198    MAX VALUE  | 247 - 249 |
| PEHRAVL  | 2    | LAST WEEK, COULD YOU HAVE WORKED<br>FULL-TIME IF THE HOURS HAD BEEN<br>AVAILABLE?<br><br>EDITED UNIVERSE:<br>PEHRACTT = 1-34 (PEMLR = 1 AND<br>PEHRUSLT < 35 AND PEHRRSN1 = 1, 2, 3)<br><br><u>VALID ENTRIES</u><br><br>1      YES<br>2      NO | 250 - 251 |
| FILLER   | 5    | Filler  | 252 - 256 |
| PUHRCK1  | 2    | CHECK ITEM 1<br><br><u>VALID ENTRIES</u><br><br>1      GOTO PUHRUSL2<br>2      GOTO PUHRUSLT  | 257 - 258 |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PUHRCK2 | 2    | CHECK ITEM 2<br>SKIPS PERSONS RESPONDING YES TO<br>HRFTPT OUT OF PT SERIES | 259 - 260 |

VALID ENTRIES

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

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

VALID ENTRIES

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



| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PUHRCK4 | 2    | CHECK ITEM 4  | 263 - 264 |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1) IF ENTRY OF 1, D, R OR V<br>IN HRFTPT THEN GOTO HRACT1   |           |
|         |      | 2) IF ENTRY OF 2, D OR R IN BUS2 THEN<br>GOTO HROFF1  |           |
|         |      | 3) IF HRUSLT IS 0-34 THEN GOTO HRWANT   |           |
|         |      | 4) IF ENTRY OF 2 IN HRFTPT THEN GOTO<br>HRWANT  |           |
|         |      | 5) ALL OTHERS GOTO HRACT1   |           |
| PUHRCK5 | 2    | CHECK ITEM 5  | 265 - 266 |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1) IF ENTRY OF 1 IN MJOT GOTO HRACT2  |           |
|         |      | 2) ALL OTHERS GOTO HRCK6-C  |           |
| PUHRCK6 | 2    | CHECK ITEM 6  | 267 - 268 |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1) IF HRACT1 AND HRACT2 EQ 0 AND<br>ENTRY OF 2, D, R IN BUS2 THEN GOTO LK   |           |
|         |      | 2) IF HRACT1 AND HRACT2 EQ 0 THEN<br>STORE 1 IN ABSOT AND GOTO ABSRSN   |           |
|         |      | 3) ALL OTHERS GOTO HRACTT-C   |           |
| PUHRCK7 | 2    | CHECK ITEM 7  | 269 - 270 |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1) (IF ENTRY OF 2, D OR R IN BUS2) AND<br>(HRACT1 LESS THAN 15 OR D) GOTO HRCK8   |           |
|         |      | 2) (IF ENTRY OF 2, D OR R IN BUS2) AND<br>(HRACT1 IS 15+) GOTO HRCK8  |           |
|         |      | 3) (IF HRUSLT IS 35+ OR IF ENTRY OF 1 IN<br>HRFTPT) AND (HRACTT < 35) AND ENTRY<br>IN HRACT1 OR HRACT2<br>ISN'T D OR R THEN GOTO HRRSN3 |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 4) IF ENTRY OF 1 IN HRWANT AND<br>HRACTT < 35 AND (ENTRY OF<br>1, 2, 3 IN HRRSN1) GOTO HRAVL<br>5) ALL OTHERS GOTO HRCK8 |           |
| PUHRCK12 | 2    | CHECK ITEM 12  | 271 - 272 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1) IF ENTRY OF 2, D OR R IN BUS2<br>AND HRACTT IS LESS THAN 15<br>OR D GOTO LK<br>2) ALL OTHERS GOTO IOCK1               |           |
| PULAYDT  | 2    | HAS YOUR EMPLOYER GIVEN YOU A DATE<br>TO RETURN TO WORK?   | 273 - 274 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES<br>2 NO  |           |
| PULAY6M  | 2    | HAVE YOU BEEN GIVEN ANY INDICATION<br>THAT YOU WILL BE RECALLED TO<br>WORK WITHIN THE NEXT 6 MONTHS?                     | 275 - 276 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES<br>2 NO  |           |
| PELAYAVL | 2    | COULD YOU HAVE RETURNED TO WORK<br>LAST WEEK IF YOU HAD BEEN RECALLED?   | 277 - 278 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 3  |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES<br>2 NO  |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PULAYAVR | 2    | WHY IS THAT?   | 279 - 280 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 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 |
|          |      | EDITED UNIVERSE:<br>PELAYAVL= 1, 2   |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PELAYDUR | 3    | DURATION OF LAYOFF   | 283 - 285 |
|          |      | EDITED UNIVERSE:<br>PELAYLK = 1, 2   |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 MIN VALUE  |           |
|          |      | 260 MAX VALUE  |           |
| PELAYFTO | 2    | FT/PT STATUS OF JOB FROM WHICH SAMPLE PERSON WAS ON LAYOFF FROM  | 286 - 287 |
|          |      | EDITED UNIVERSE:<br>PELAYDUR = 0-120   |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| 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<br>SCREEN FOR DEPENDENT LAYOFF                           | 290 - 291 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 GOTO PULAYDR3   |           |
|          |      | 2 GOTO PULAYFT  |           |
| PULAYCK3 | 2    | CHECK ITEM 3<br>FILTER FOR DEPENDENT I & O                            | 292 - 293 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 MISCK = 5 GOTO IO1INT   |           |
|          |      | 2 I-ICR = 1 OR I-OCR = 1, GOTO IO1INT                                 |           |
|          |      | 3 ALL OTHERS GOTO SCHCK   |           |
| PULK     | 2    | HAVE YOU BEEN DOING ANYTHING TO FIND<br>WORK DURING THE LAST 4 WEEKS? | 294 - 295 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |
|          |      | 3 RETIRED   |           |
|          |      | 4 DISABLED  |           |
|          |      | 5 UNABLE TO WORK  |           |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PELKM1 | 2    | WHAT ARE ALL OF THE THINGS YOU HAVE DONE TO FIND WORK DURING THE LAST 4 WEEKS? (FIRST METHOD) | 296 - 297 |

EDITED UNIVERSE:  
PEMLR = 4

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

|        |   |                                |           |
|--------|---|--------------------------------|-----------|
| PULKM2 | 2 | ANYTHING ELSE? (SECOND METHOD) | 298 - 299 |
|--------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
- 2 CONTACTED PULBIC EMPLOYMENT AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER

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

- 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 |
|--------|---|-------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW
- 2 CONTACTED PULBIC 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 |
|--------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW
- 2 CONTACTED PULBIC EMPLOYMENT AGENCY

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

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

VALID ENTRIES

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

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

VALID ENTRIES

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

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

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/  
INTERVIEW
- 2 CONTACTED PULBIC 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/<br>COURSES |           |
|         |      | 12 NOTHING                                    |           |
|         |      | 13 OTHER PASSIVE                              |           |
| PULKDK2 | 2    | ANYTHING ELSE? (SECOND METHOD)                | 310 - 311 |

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/  
INTERVIEW
- 2 CONTACTED PULBIC 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 |
|---------|---|--------------------------------|-----------|

VALID ENTRIES

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

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

PULKDK4      2      SAME AS PULKDK2 (FOURTH METHOD)      314 - 315

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW
- 2 CONTACTED PULBIC 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

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW
- 2 CONTACTED PULBIC EMPLOYMENT AGENCY

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

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

VALID ENTRIES

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

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

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/  
INTERVIEW
- 2 CONTACTED PULBIC 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 |
|---------|---|--------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/  
INTERVIEW
- 2 CONTACTED PULBIC 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/<br>COURSES |           |
|         |      | 13 OTHER PASSIVE                              |           |
| PULKPS3 | 2    | SAME AS PULKPS2 (THIRD METHOD)                | 324 - 325 |

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/  
INTERVIEW
- 2 CONTACTED PULBIC 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 |
|---------|---|---------------------------------|-----------|

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/  
INTERVIEW
- 2 CONTACTED PULBIC EMPLOYMENT  
AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT  
AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL  
CENTER

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

- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

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

VALID ENTRIES

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

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

VALID ENTRIES

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

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 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 |
|          |      | EDITED UNIVERSE:<br>PELKM1 = 1 - 13  |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PULKAVR  | 2    | WHY IS THAT?   | 334 - 335 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 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 |
|          |      | EDITED UNIVERSE:<br>PELKAVL = 1-2  |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 WORKING  |           |
|          |      | 2 SCHOOL   |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 3 LEFT MILITARY SERVICE<br>4 SOMETHING ELSE  |           |
| PELKLL20 | 2    | DID YOU LOSE OR QUIT THAT JOB, OR WAS IT A TEMPORARY JOB THAT ENDED?<br><br>EDITED UNIVERSE:<br>PELKLL10 = 1 OR 3<br><br><u>VALID ENTRIES</u><br><br>1 LOST JOB<br>2 QUIT JOB<br>3 TEMPORARY JOB ENDED | 338 - 339 |
| PELKLWO  | 2    | WHEN LAST WORKED<br>EDITED UNIVERSE:<br>PELKLL10 = 1 - 4<br><br><u>VALID ENTRIES</u><br><br>1 WITHIN THE LAST 12 MONTHS<br>2 MORE THAN 12 MONTHS AGO<br>3 NEVER WORKED                                 | 340 - 341 |
| PELKDUR  | 3    | DURATION OF JOB SEEKING<br><br>EDITED UNIVERSE:<br>PELKLWO = 1 - 3<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>999 MAX VALUE   | 342 - 344 |
| PELKFTO  | 2    | FT/PT STATUS OF JOBSEEKER<br><br>EDITED UNIVERSE:<br>PELKDUR = 0-120<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO<br>3 DOESN'T MATTER  | 345 - 346 |



| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEDWWNTO | 2    | DO YOU CURRENTLY WANT A JOB,<br>EITHER FULL OR PART TIME? | 347 - 348 |

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<br>LOOKING FOR WORK DURING THE<br>LAST 4 WEEKS? | 349 - 350 |
|---------|---|--|-----------|

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

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEDWLKO  | 2    | DID YOU LOOK FOR WORK AT ANY TIME<br>IN THE LAST 12 MONTHS<br><br>EDITED UNIVERSE:<br>(PUDWCK4 = 1-3) or (PEDWRSN = 1-11)<br><br><u>VALID ENTRIES</u><br><br>1      YES<br>2      NO | 351 - 352 |
| PEDWWK   | 2    | DID YOU ACTUALLY WORK AT A JOB OR<br>BUSINESS DURING THE LAST 12 MONTHS?<br><br>EDITED UNIVERSE:<br>PEDWLKO = 1<br><br><u>VALID ENTRIES</u><br><br>1      YES<br>2      NO           | 353 - 354 |
| PEDW4WK  | 2    | DID YOU DO ANY OF THIS WORK DURING<br>THE LAST 4 WEEKS?<br><br>EDITED UNIVERSE:<br>PEDWWK = 1<br><br><u>VALID ENTRIES</u><br><br>1      YES<br>2      NO                             | 355 - 356 |
| PEDWLKWK | 2    | SINCE YOU LEFT THAT JOB OR<br>BUSINESS HAVE YOU LOOKED FOR WORK?<br><br>EDITED UNIVERSE:<br>PEDW4WK = 2<br><br><u>VALID ENTRIES</u><br><br>1      YES<br>2      NO                   | 357 - 358 |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PEDWAVL | 2    | <p>LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED?</p> <p>EDITED UNIVERSE:<br/>(PEDWWK = 2) or (PEDWLKWK = 1)</p> <p><u>VALID ENTRIES</u></p> <p>1      YES<br/>2      NO</p>  | 359 - 360 |
| PEDWAVR | 2    | <p>WHY IS THAT?</p> <p>EDITED UNIVERSE:<br/>PEDWAVL = 2</p> <p><u>VALID ENTRIES</u></p> <p>1      OWN TEMPORARY ILLNESS<br/>2      GOING TO SCHOOL<br/>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<br/>2)     IF ENTRY OF 3 ON ABSRSN GOTO PUNLFCK1<br/>3)     IF ENTRY OF 1 IN RET1, STORE 1 IN DWWNTO AND GOTO PUDWCK4<br/>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<br/>2)     IF ENTRY OF 4 IN DWWNT GOTO PUDIS1<br/>3)     IF ENTRY OF 5 IN DWWNT GOTO PUDIS2<br/>4)     ALL OTHERS GOTO PUDWCK4</p>                                 | 365 - 366 |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PUDWCK3 | 2    | FILTER FOR RETIRED  | 367 - 368 |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1) IF AGERNG EQUALS 1-4 OR 9 GOTO PUDWCK4                                   |           |
|         |      | 2) ALL OTHERS GOTO PUNLFCK2   |           |
| PUDWCK4 | 2    | FILTER FOR PASSIVE JOB SEEKERS  | 369 - 370 |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1) IF ENTRY OF 10 AND/OR 11 AND/OR 13 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:<br>HRMIS = 4 or 8 AND PEMLR = 5, 6, AND 7                  |           |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1 YES   |           |
|         |      | 2 NO  |           |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| 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:<br>PEJHWKO = 1                           |           |
|          |      | <u>VALID ENTRIES</u>                                      |           |
|          |      | 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 |
|          |      | EDITED UNIVERSE:<br>(PEJHWKO = 2) or (PEJHRSN = 1-8)      |           |
|          |      | <u>VALID ENTRIES</u>                                      |           |
|          |      | 1 YES, OR IT DEPENDS                                      |           |
|          |      | 2 NO  |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PUJHCK1  | 2    | FILTER FOR OUTGOING ROTATIONS  | 381 - 382 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1) PURET1 = 1, -2, OR -3<br>THEN GOTO NLFCK2   |           |
|          |      | 2) IF MISCK EQUALS 4 OR 8<br>THEN GOTO PUJHCK2   |           |
|          |      | 3) ALL OTHERS GOTO PUNLFCK1  |           |
| PUJHCK2  | 2    | FILTER FOR PERSONS GOING THROUGH THE<br>I AND O SERIES   | 383 - 384 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1) IF ENTRY OF 1 IN DWWK AND I-MLR= 3, 4<br>THEN STORE 1 IN JHWKO, STORE<br>DW4WK IN JHDP1O AND GOTO PUJHRSN |           |
|          |      | 2) IF ENTRY OF 2, D OR R IN DWWK THEN<br>STORE DWWK IN JHWKO AND GOTO<br>PUJHWANT                            |           |
|          |      | 3) ALL OTHERS GOTO PUJHWK  |           |
| PRABSREA | 2    | REASON NOT AT WORK AND PAY STATUS  | 385 - 386 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 2  |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 FT PAID-VACATION   |           |
|          |      | 2 FT PAID-OWN ILLNESS  |           |
|          |      | 3 FT PAID-CHILD CARE PROBLEMS  |           |
|          |      | 4 FT PAID-OTHER FAMILY/<br>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   |           |

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

|         |   |   |           |
|---------|---|---|-----------|
| PRCIVLF | 2 | CIVILIAN LABOR FORCE<br>EDITED UNIVERSE:<br>PEMLR = 1-7 | 387 - 388 |
|---------|---|---|-----------|

VALID ENTRIES

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

| NAME     | SIZE | DESCRIPTION                                   | LOCATION  |
|----------|------|---|-----------|
| PRDISC   | 2    | DISCOURAGED WORKER RECODE                     | 389 - 390 |
|          |      | EDITED UNIVERSE:<br>PRJOBSEA = 1-4            |           |
|          |      | <u>VALID ENTRIES</u>                          |           |
|          |      | 1 DISCOURAGED WORKER                          |           |
|          |      | 2 CONDITIONALLY INTERESTED                    |           |
|          |      | 3 NOT AVAILABLE                               |           |
| PREMPHRS | 2    | REASON NOT AT WORK OR HOURS AT WORK           | 391 - 392 |
|          |      | EDITED UNIVERSE:<br>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<br>AFFECTED JOB  |           |
|          |      | 4 W/JOB, NOT AT WORK-LABOR DISPUTE            |           |
|          |      | 5 W/JOB, NOT AT WORK-CHILD CARE<br>PROBLEMS   |           |
|          |      | 6 W/JOB, NOT AT WORK-FAM/PERS<br>OBLIGATION   |           |
|          |      | 7 W/JOB, NOT AT WORK-MATERNITY/<br>PATERNITY  |           |
|          |      | 8 W/JOB, NOT AT WORK-SCHOOL/<br>TRAINING      |           |
|          |      | 9 W/JOB, NOT AT WORK-CIVIC/MILITARY<br>DUTY   |           |
|          |      | 10 W/JOB, NOT AT WORK-DOES NOT WORK<br>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                         |           |



| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 18 AT WORK- 40 HRS<br>19 AT WORK- 41-47 HRS<br>20 AT WORK- 48 HRS<br>21 AT WORK- 49-59 HRS<br>22 AT WORK- 60 HRS OR MORE   |           |
| PREMPNOT | 2    | MLR - EMPLOYED, UNEMPLOYED, OR NILF<br><br>EDITED UNIVERSE:<br>PEMLR = 1-7<br><br><u>VALID ENTRIES</u><br><br>1 EMPLOYED<br>2 UNEMPLOYED<br>3 NOT IN LABOR FORCE (NILF)-discouraged<br>4 NOT IN LABOR FORCE (NILF)-other | 393 - 394 |
| PREXPLF  | 2    | EXPERIENCED LABOR FORCE EMPLOYMENT<br><br>EDITED UNIVERSE:<br>PEMLR = 1-4 AND<br>PELKLWO ne 3<br><br><u>VALID ENTRIES</u><br><br>1 EMPLOYED<br>2 UNEMPLOYED  | 395 - 396 |
| PRFTLF   | 2    | FULL TIME LABOR FORCE<br><br>EDITED UNIVERSE:<br>PEMLR = 1-4<br><br><u>VALID ENTRIES</u><br><br>1 FULL TIME LABOR FORCE<br>2 PART TIME LABOR FORCE   | 397 - 398 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PRHRUSL  | 2    | USUAL HOURS WORKED WEEKLY                                 | 399 - 400 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1-2                           |           |
|          |      | <u>VALID ENTRIES</u>                                      |           |
|          |      | 1 0-20 HRS  |           |
|          |      | 2 21-34 HRS   |           |
|          |      | 3 35-39 HRS   |           |
|          |      | 4 40 HRS  |           |
|          |      | 5 41-49 HRS   |           |
|          |      | 6 50 OR MORE HRS  |           |
|          |      | 7 VARIES-FULL TIME  |           |
|          |      | 8 VARIES-PART TIME  |           |
| PRJOBSEA | 2    | JOB SEARCH RECODE   | 401 - 402 |
|          |      | EDITED UNIVERSE:<br>PRWNTJOB = 1                          |           |
|          |      | <u>VALID ENTRIES</u>                                      |           |
|          |      | 1 LOOKED LAST 12 MONTHS, SINCE<br>COMPLETING PREVIOUS JOB |           |
|          |      | 2 LOOKED AND WORKED IN THE<br>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:<br>PEMLR = 1 AND<br>PEHRACTT = 1-34      |           |
|          |      | <u>VALID ENTRIES</u>                                      |           |
|          |      | 0 USUALY FT, PT FOR NONECONOMIC<br>REASONS                |           |
|          |      | 1 USU.FT, PT ECON REASONS; 1-4 HRS                        |           |
|          |      | 2 USU.FT, PT ECON REASONS; 5-14 HRS                       |           |
|          |      | 3 USU.FT, PT ECON REASONS; 15-29 HRS                      |           |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
|         |      | 4 USU.FT, PT ECON REASONS; 30-34 HRS  |           |
|         |      | 5 USU.PT, ECON REASONS; 1-4 HRS   |           |
|         |      | 6 USU.PT, ECON REASONS; 5-14 HRS  |           |
|         |      | 7 USU.PT, ECON REASONS; 15-29 HRS   |           |
|         |      | 8 USU.PT, ECON REASONS; 30-34 HRS   |           |
|         |      | 9 USU.PT, NON-ECON REASONS; 1-4 HRS   |           |
|         |      | 10 USU.PT, NON-ECON REASONS; 5-14 HRS   |           |
|         |      | 11 USU.PT, NON-ECON REASONS; 15-29 HRS  |           |
|         |      | 12 USU.PT, NON-ECON REASONS; 30-34 HRS  |           |
| PRPTREA | 2    | DETAILED REASON FOR PART-TIME   | 405 - 406 |
|         |      | EDITED UNIVERSE:<br>PEMLR = 1 AND<br>(PEHRUSLT = 0-34 OR PEHRACTT = 1-34)<br><u>VALID ENTRIES</u> |           |
|         |      | 1 USU. FT-SLACK WORK/BUSINESS<br>CONDITIONS   |           |
|         |      | 2 USU. FT-SEASONAL WORK   |           |
|         |      | 3 USU. FT-JOB STARTED/ENDED DURING<br>WEEK  |           |
|         |      | 4 USU. FT-VACATION/PERSONAL DAY   |           |
|         |      | 5 USU. FT-OWN ILLNESS/INJURY/MEDICAL<br>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<br>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   |           |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PRUNEDUR | 3    | DURATION OF UNEMPLOYMENT FOR LAYOFF AND LOOKING RECORDS | 407 - 409 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 3-4                         |           |
|          |      | <u>VALID ENTRIES</u>                                    |           |
|          |      | 0 MIN VALUE   |           |
|          |      | 999 MAX VALUE   |           |
| FILLER   | 2    | Filler  | 410 - 411 |
| PRUNTYPE | 2    | REASON FOR UNEMPLOYMENT                                 | 412 - 413 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 3-4                         |           |
|          |      | <u>VALID ENTRIES</u>                                    |           |
|          |      | 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 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1 - 7                       |           |
|          |      | <u>VALID ENTRIES</u>                                    |           |
|          |      | 0 NOT IN LABOR FORCE                                    |           |
|          |      | 1 AT WORK   |           |
|          |      | 2 WITH JOB, NOT AT WORK                                 |           |
|          |      | 3 UNEMPLOYED, SEEKS FT                                  |           |
|          |      | 4 UNEMPLOYED, SEEKS PT                                  |           |

| NAME     | SIZE | DESCRIPTION                | LOCATION  |
|----------|------|----------------------------|-----------|
| PRWKSTAT | 2    | FULL/PART-TIME WORK STATUS | 416 - 417 |

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 |
|----------|---|--|-----------|

EDITED UNIVERSE:  
PEMLR = 5-7

VALID ENTRIES

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

|         |   |                        |           |
|---------|---|------------------------|-----------|
| PUJHCK3 | 2 | JOB HISTORY CHECK ITEM | 420 - 421 |
|---------|---|------------------------|-----------|

VALID ENTRIES

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

| NAME    | SIZE | DESCRIPTION               | LOCATION  |
|---------|------|---------------------------|-----------|
| PUJHCK4 | 2    | SCREEN FOR DEPENDENT NILF | 422 - 423 |

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 PUJHRSN THEN GOTO PUJHCK5
- 4) IF ENTRY IN PUJHRSN THEN GOTO PUIO1INT
- 5) ALL OTHERS GOTO PUNLFCK1

|         |   |                           |           |
|---------|---|---------------------------|-----------|
| PUJHCK5 | 2 | SCREEN FOR DEPENDENT NILF | 424 - 425 |
|---------|---|---------------------------|-----------|

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 |
|---------|---|--|-----------|

VALID ENTRIES

- 1 YES
- 2 NO

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

VALID ENTRIES

- 1 YES
- 2 NO

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

VALID ENTRIES

- 1 YES
- 2 NO

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

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

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

VALID ENTRIES

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

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

VALID ENTRIES

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

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

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

EDITED UNIVERSE:  
PEMJOT = 1 AND (HRMIS = 4,8 OR  
PEIO1COW = 7,8)

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
- 9 UNKNOWN
- 10 GOVERNMENT, LEVEL UNKNOWN
- 11 SELF-EMPLOYED, INCORP. STATUS  
UNKNOWN



| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PUIO2MFG | 2    | IS THIS BUSINESS OR ORGANIZATION MAINLY<br>MANUFACTURING, RETAIL TRADE,<br>WHOLESALE TRADE, OR SOMETHING ELSE?                                | 444 - 445 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 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 |
| PUIOCK1  | 2    | I & O CHECK ITEM 1<br>SCREEN FOR DEPENDENT I AND O  | 452 - 453 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1)     IF {MISCK EQ 1 OR 5)<br>OR MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7)<br>AND ENTRY OF 1 IN ABS} THEN GOTO<br>PUIO1INT                         |           |
|          |      | 2)     IF (MISCK EQ 1 OR 5)<br>OR {(MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7)<br>AND ( ENTRY OF 1 IN WK OR HRCK7-C IS<br>BLANK, 1-3)} GOTO PUIO1INT |           |
|          |      | 3)     IF I-IO1NAM IS D, R OR BLANK THEN<br>GOTO PUIO1INT   |           |
|          |      | 4)     ALL OTHERS GOTO PUIODP1  |           |
| PUIOCK2  | 2    | I & O CHECK ITEM 2<br>SCREEN FOR PREVIOUS MONTHS I AND O CASES  | 454 - 455 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1)     IF I-IO1ICR EQ 1 THEN GOTO PUIO1IND  |           |
|          |      | 2)     IF I-IO1OCR EQ 1 THEN GOTO PUIO1OCC  |           |
|          |      | 3)     ALL OTHERS GOTO PUIODP2  |           |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PUIOCK3 | 2    | I & O CHECK ITEM 3  | 456 - 457 |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1) IF I-IO1OCC EQUALS D, R OR BLANK<br>THEN GOTO PUIO1OCC   |           |
|         |      | 2) IF I-IO1DT1 IS D, R OR BLANK THEN<br>GOTO PUIO1OCC   |           |
|         |      | 3) ALL OTHERS GOTO PUIODP3  |           |
| PRIOELG | 2    | INDUSTRY AND OCCUPATION<br>ELIGIBILITY FLAG   | 458 - 459 |
|         |      | EDITED UNIVERSE:<br>PEMLR = 1-3,<br>OR (PEMLR = 4 AND PELKLWO = 1 OR 2)<br>OR (PEMLR = 5 AND<br>(PEJHWKO = 1 OR PENLFJH=1),<br>OR (PEMLR = 6 AND PENLFJH = 1),<br>OR PEMLR = 7 AND PEJHWKO = 1) |           |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 0 NOT ELIGIBLE FOR EDIT   |           |
|         |      | 1 ELIGIBLE FOR EDIT   |           |
| PRAGNA  | 2    | AGRICULTURE/<br>NON-AGRICULTURE INDUSTRY  | 460 - 461 |
|         |      | EDITED UNIVERSE:<br>PRIOELG = 1   |           |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1 AGRICULTURAL  |           |
|         |      | 2 NON-AGRICULTURAL  |           |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PRCOW1  | 2    | CLASS OF WORKER<br>RECODE - JOB 1<br><br>EDITED UNIVERSE:<br>PRIOELG = 1<br><br><u>VALID ENTRIES</u><br><br>1 FEDERAL GOVT<br>2 STATE GOVT<br>3 LOCAL GOVT<br>4 PRIVATE (INCL. SELF-EMPLOYED<br>INCORP.)<br>5 SELF-EMPLOYED, UNINCORP.<br>6 WITHOUT PAY                                    | 462 - 463 |
| PRCOW2  | 2    | CLASS OF WORKER<br>RRECODE - JOB 2<br><br>EDITED UNIVERSE:<br>PRIOELG = 1 AND PEMJOT = 1 AND<br>HRMIS = 4 OR 8<br><br><u>VALID ENTRIES</u><br><br>1 FEDERAL GOVT<br>2 STATE GOVT<br>3 LOCAL GOVT<br>4 PRIVATE (INCL. SELF-EMPLOYED INCORP.)<br>5 SELF-EMPLOYED, UNINCORP.<br>6 WITHOUT PAY | 464 - 465 |
| PRCOWPG | 2    | COW - PRIVATE OR GOVERNMENT<br><br>EDITED UNIVERSE:<br>PEIO1COW = 1 - 5<br><br><u>VALID ENTRIES</u><br><br>1 PRIVATE<br>2 GOVERNMENT   | 466 - 467 |

| NAME     | SIZE | DESCRIPTION                             | LOCATION  |
|----------|------|---|-----------|
| PRDTCOW1 | 2    | DETAILED CLASS OF WORKER RECODE - JOB 1 | 468 - 469 |

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 |
|----------|---|---|-----------|

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

| NAME     | SIZE | DESCRIPTION                      | LOCATION  |
|----------|------|----------------------------------|-----------|
| PRDTIND1 | 2    | DETAILED INDUSTRY RECODE - JOB 1 | 472 - 473 |

EDITED UNIVERSE:  
PRIOELG = 1

VALID ENTRIES

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

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

PRDTIND2      2      DETAILED INDUSTRY RECODE - JOB 2      474 - 475

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

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

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

| NAME     | SIZE | DESCRIPTION                        | LOCATION  |
|----------|------|------------------------------------|-----------|
| PRDTOCC1 | 2    | DETAILED OCCUPATION RECODE - JOB 1 | 476 - 477 |

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
- 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 | 478 - 479 |
|----------|---|----------------------------|-----------|

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

VALID ENTRIES

- 1 Management occupations
- 2 Business and financial operations occupations
- 3 Computer and mathematical science occupations



| NAME  | SIZE | DESCRIPTION  | LOCATION  |
|-------|------|--|-----------|
|       |      | 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                                       |           |
|       |      | 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 HHL) RECODE                   | 480 - 481 |
|       |      | EDITED UNIVERSE:<br>PEMLR = 1 OR 2<br>AND PEIO1OCD ne 403-407, 473-484 |           |
|       |      | <u>VALID ENTRY</u>   |           |
|       |      | 1 EMPLOYED PERSONS (EXC. FARM & PRIV HH)                               |           |

| NAME     | SIZE | DESCRIPTION                   | LOCATION  |
|----------|------|-------------------------------|-----------|
| PRMJIND1 | 2    | MAJOR INDUSTRY RECODE - JOB 1 | 482 - 483 |

EDITED UNIVERSE:  
PRDTIND1 = 1-51

VALID ENTRIES

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

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

EDITED UNIVERSE:  
PRDTIND2 = 1-51

VALID ENTRIES

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

| NAME    | SIZE | DESCRIPTION                     | LOCATION  |
|---------|------|---------------------------------|-----------|
| PRMJOC1 | 2    | MAJOR OCCUPATION RECODE - JOB 1 | 486 - 487 |

EDITED UNIVERSE:  
PRDTOCC1 = 1-46

VALID ENTRIES

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

|         |   |                                 |           |
|---------|---|---------------------------------|-----------|
| PRMJOC2 | 2 | MAJOR OCCUPATION RECODE - JOB 2 | 488 - 489 |
|---------|---|---------------------------------|-----------|

EDITED UNIVERSE:  
PRDTOCC2 = 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

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 9 Production occupations   |           |
|          |      | 10 Transportation and material moving occupations                            |           |
|          |      | 11 Armed Forces  |           |
| PRMJOCGR | 2    | MAJOR OCCUPATION CATEGORIES  | 490 - 491 |
|          |      | EDITED UNIVERSE:<br>PRMJOC = 1-11  |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 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 |
|          |      | EDITED UNIVERSE:<br>PRCOW1 = 1 AND PEIO1ICD ne 0170 - 0890                   |           |
|          |      | <u>VALID ENTRY</u>   |           |
|          |      | 1 NON-AG PRIV WAGE & SALARY  |           |
| PRNAGWS  | 2    | NON-AGRICULTURE WAGE AND SALARY WORKERS RECODE                               | 494 - 495 |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1-4<br>AND PRCOW = 1-4 AND PEIO1ICD ne 0170-0290 |           |
|          |      | <u>VALID ENTRY</u>   |           |
|          |      | 1 NON-AG WAGE AND SALARY WORKERS   |           |

| NAME     | SIZE | DESCRIPTION   | LOCATION    |
|----------|------|---|-------------|
| PRSJMJ   | 2    | SINGLE/MULTIPLE JOBHOLDER   | 496 - 497   |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1 OR 2  |             |
|          |      | <u>VALID ENTRIES</u>  |             |
|          |      | 1 SINGLE JOBHOLDER  |             |
|          |      | 2 MULTIPLE JOBHOLDER  |             |
| PRERELG  | 2    | EARNINGS ELIGIBILITY FLAG   | (498 - 499) |
|          |      | EDITED UNIVERSE:<br>PEMLR = 1-2 AND HRMIS = 4 OR 8                        |             |
|          |      | <u>VALID ENTRIES</u>  |             |
|          |      | 0 NOT ELIGIBLE FOR EDIT   |             |
|          |      | 1 ELIGIBLE FOR EDIT   |             |
| PEERNUOT | 2    | DO YOU USUALLY RECEIVE OVERTIME PAY,<br>TIPS, OR COMMISSIONS AT YOUR JOB? | 500 - 501   |
|          |      | EDITED UNIVERSE:<br>PRERELG = 1   |             |
|          |      | <u>VALID ENTRIES</u>  |             |
|          |      | 1 YES   |             |
|          |      | 2 NO  |             |
| PEERNPER | 2    | PERIODICITY 502 - 503   |             |
|          |      | EDITED UNIVERSE:<br>PRERELG = 1   |             |
|          |      | <u>VALID ENTRIES</u>  |             |
|          |      | 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?<br><br>EDITED UNIVERSE:<br>PEERNPER = 2-7<br><br><u>VALID ENTRIES</u><br><br>1      YES<br>2      NO  | 504 - 505 |
| PEERNHRY | 2    | HOURLY/NONHOURLY STATUS<br><br>EDITED UNIVERSE:<br>PRERELG = 1<br><br><u>VALID ENTRIES</u><br><br>1      HOURLY WORKER<br>2      NONHOURLY WORKER  | 506 - 507 |
| PUERNH1C | 4    | WHAT IS YOUR HOURLY RATE OF PAY ON THIS JOB, EXCLUDING OVERTIME PAY, TIPS OR COMMISSION?<br>DOLLAR AMOUNT - 2 IMPLIED DECIMALS<br><br><u>VALID ENTRIES</u><br><br>0      MIN VALUE<br>9999    MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PUERNH1C < or = 2884.61) | 508 - 511 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEERNH2  | 4    | (EXCLUDING OVERTIME PAY, TIPS AND COMMISSIONS) WHAT IS YOUR HOURLY RATE OF PAY ON YOUR (MAIN/THIS) JOB?<br>DOLLAR AMOUNT - 2 IMPLIED DECIMALS<br>EDITED UNIVERSE:<br>PEERNRT = 1<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>9999 MAX VALUE ( Subject to topcoding based on the in PEERNHRO such that<br>PEERNHRO x PEERNH2 < or = 2884.61) | 512 - 515 |
| PEERNH10 | 4    | OUT VARIABLE FOR HOURLY RATE OF PAY (2 IMPLIED DECIMALS)<br><br>EDITED UNIVERSE:<br>PEERNPER = 1<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)  | 516 - 519 |
| PRERNHLY | 4    | RECODE FOR HOURLY RATE<br>2 IMPLIED DECIMALS<br><br>EDITED UNIVERSE:<br>PEERNPER = 1 OR PEERNRT = 1<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)   | 520 - 523 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PTHR     | 1    | HOURLY PAY - TOP CODE                                   | 524 - 524 |
|          |      | <u>VALID ENTRIES</u>                                    |           |
|          |      | 0 NOT TOPCODED  |           |
|          |      | 1 TOPCODED  |           |
| PEERNHRO | 2    | USUAL HOURS   | 525 - 526 |
|          |      | EDITED UNIVERSE:<br>PEERNH10 = ENTRY                    |           |
|          |      | <u>VALID ENTRIES</u>                                    |           |
|          |      | 0 MIN VALUE   |           |
|          |      | 99 MAX VALUE  |           |
| PRERNWA  | 8    | WEEKLY EARNINGS RECODE<br>2 IMPLIED DECIMALS            | 527 - 534 |
|          |      | EDITED UNIVERSE:<br>PRERELG = 1                         |           |
|          |      | <u>VALID ENTRIES</u>                                    |           |
|          |      | 0 MIN VALUE   |           |
|          |      | 288461 MAX VALUE  |           |
| PTWK     | 1    | WEEKLY EARNINGS - TOP CODE                              | 535 - 535 |
|          |      | 0 NOT TOPCODED  |           |
|          |      | 1 TOPCODED  |           |
| FILLER   | 4    | Filler  | 536 - 539 |
| PEERN    | 8    | CALCULATED WEEKLY OVERTIME AMOUNT<br>2 IMPLIED DECIMALS | 540 - 547 |
|          |      | EDITED UNIVERSE:<br>PEERNUOT = 1 AND PEERNPER = 1       |           |
|          |      | <u>VALID ENTRIES</u>                                    |           |
|          |      | 0 MIN VALUE   |           |
|          |      | 288461 MAX VALUE  |           |



| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PUERN2   | 8    | CALCULATED WEEKLY<br>OVERTIME AMOUNT<br>2 IMPLIED DECIMALS<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>288461 MAX VALUE   | 548 - 555 |
| PTOT     | 1    | WEEKLY OVERTIME AMOUNT - TOP CODE<br><br><u>VALID ENTRIES</u><br><br>0 NOT TOPCODED<br>1 TOPCODED   | 556 - 556 |
| FILLER   | 2    | Filler  | 557 - 558 |
| PEERNWKP | 2    | HOW MANY WEEKS A YEAR DO YOU<br>GET PAID FOR?<br><br>EDITED UNIVERSE:<br>PEERNPER = 6<br><br><u>VALID ENTRIES</u><br><br>01 MIN VALUE<br>52 MAX VALUE   | 559 - 560 |
| PEERNLAB | 2    | ON THIS JOB, ARE YOU A MEMBER OF A<br>LABOR UNION OR OF AN EMPLOYEE<br>ASSOCIATION SIMILAR TO A UNION?<br><br>EDITED UNIVERSE:<br>(PEIO1COW = 1-5 AND PEMLR = 1-2<br>AND HRMIS = 4, 8)<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO | 561 - 562 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEERNCOV | 2    | <p>ON THIS JOB ARE YOU COVERED BY A UNION OR EMPLOYEE ASSOCIATION CONTRACT?</p> <p>EDITED UNIVERSE:<br/>(PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8)</p> <p><u>VALID ENTRIES</u></p> <p>1      YES<br/>2      NO</p>                     | 563 - 564 |
| PENLFJH  | 2    | <p>WHEN DID YOU LAST WORK AT A JOB OR BUSINESS?</p> <p>EDITED UNIVERSE:<br/>HRMIS = 4 OR 8 AND PEMLR = 3-7</p> <p><u>VALID ENTRIES</u></p> <p>1      WITHIN THE LAST 12 MONTHS<br/>2      MORE THAN 12 MONTHS AGO<br/>3      NEVER WORKED</p> | 565 - 566 |
| PENLFRET | 2    | <p>ARE YOU RETIRED FROM A JOB OR BUSINESS?</p> <p>EDITED UNIVERSE:<br/>PEAGE = 50+ AND PEMLR = 3-7</p> <p><u>VALID ENTRIES</u></p> <p>1      YES<br/>2      NO</p>  | 567 - 568 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PENLFACT | 2    | <p>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?</p> <p>EDITED UNIVERSE:<br/>(PEAGE = 14-49) or (PENLFRET = 2)</p> <p><u>VALID ENTRIES</u></p> <p>1      DISABLED<br/>2      ILL<br/>3      IN SCHOOL<br/>4      TAKING CARE OF HOUSE OR FAMILY<br/>5      IN RETIREMENT<br/>6      SOMETHING ELSE/OTHER</p> | 569 - 570 |
| PUNLFCK1 | 2    | <p>NOT IN LABOR FORCE<br/>CHECK ITEM - 1</p> <p><u>VALID ENTRIES</u></p> <p>1)      IF AGERNG EQUALS 1-4 OR 9<br/>          THEN GOTO NLFACT<br/>2)      ALL OTHERS GOT NLFRET</p>  | 571 - 572 |
| PUNLFCK2 | 2    | <p>NOT IN LABOR FORCE<br/>CHECK ITEM - 2</p> <p><u>VALID ENTRIES</u></p> <p>1)      IF MISCK EQUALS 4 OR 8 THEN GOTO<br/>          NLFJH<br/>2)      ALL OTHERS GOTO LBFR-END</p>   | 573 - 574 |
| PESCHENR | 2    | <p>LAST WEEK, WERE YOU ENROLLED IN A HIGH SCHOOL, COLLEGE, OR UNIVERSITY?</p> <p>EDITED UNIVERSE:<br/>PRPERTYP = 2 and PEAGE = 16-24</p> <p><u>VALID ENTRIES</u></p> <p>1      YES<br/>2      NO</p>  | 575 - 576 |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PESCHFT | 2    | ARE YOU ENROLLED IN SCHOOL AS A FULL-TIME OR PART-TIME STUDENT? | 577 - 578 |

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 |
|----------|---|--|-----------|

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 |
|----------|---|---|-----------|

EDITED UNIVERSE:  
PENLFACT = -1 OR 1-6 AND PEAGE = 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 |
|---------|----|---|-----------|

EDITED UNIVERSE:  
PRPERTYP = 1-3

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

| NAME   | SIZE | DESCRIPTION   | LOCATION |
|--------|------|---|----------|
| PRCHLD | 2    | Presence of own children <18 years of age by selected age group | 633-634  |

EDITED UNIVERSE:  
PRFAMREL = 1 or 2

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

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

EDITED UNIVERSE:  
PRFAMREL = 1 or 2

VALID ENTRIES

- 1 NIU (Not a parent)
- 0:99 Number of own children under 18 years of age

| NAME                           | SIZE | DESCRIPTION  | LOCATION  |
|--------------------------------|------|--|-----------|
| FILLER                         | 2    | Filler   | 637 - 638 |
| <b><u>ALLOCATION FLAGS</u></b> |      |  |           |
| PRWERNAL                       | 2    | ALLOCATION FLAG<br>WEEKLY EARNINGS RECODE (PRERNWA)<br>ALLOCATION FLAG<br><br>EDITED UNIVERSE:<br>PRERELG = 1<br><br>00 NO ALLOCATION<br>01 ONE OR MORE COMPONENTS OF THE<br>RECODE ARE ALLOCATED      | 639 - 640 |
| PRHERNAL                       | 2    | ALLOCATION FLAG<br><br>HOURLY EARNINGS RECODE (PRERNHLY)<br>ALLOCATION FLAG<br><br>EDITED UNIVERSE:<br>PRERNHRY = 1<br><br>00 NO ALLOCATION<br>01 ONE OR MORE COMPONENT OF THE<br>RECODE ARE ALLOCATED | 641 - 642 |
| HXTENURE                       | 2    | ALLOCATION FLAG<br>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 |
| FILLER   | 2    | Filler          | 681 - 682 |
| PXHSPNON | 2    | ALLOCATION FLAG | 683 - 684 |
| PXMLR    | 2    | ALLOCATION FLAG | 685 - 686 |
| PXRET1   | 2    | ALLOCATION FLAG | 687 - 688 |
| PXABSRSN | 2    | ALLOCATION FLAG | 689 - 690 |
| PXABSPDO | 2    | ALLOCATION FLAG | 691 - 692 |
| PXMJOT   | 2    | ALLOCATION FLAG | 693 - 694 |
| PXMJNUM  | 2    | ALLOCATION FLAG | 695 - 696 |
| PXHRUSL1 | 2    | ALLOCATION FLAG | 697 - 698 |
| PXHRUSL2 | 2    | ALLOCATION FLAG | 699 - 700 |
| PXHRFTPT | 2    | ALLOCATION FLAG | 701 - 702 |



| NAME     | SIZE | DESCRIPTION     | LOCATION  |
|----------|------|-----------------|-----------|
| PXHRUSLT | 2    | ALLOCATION FLAG | 703 - 704 |
| 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 |

| NAME     | SIZE | DESCRIPTION     | LOCATION  |
|----------|------|-----------------|-----------|
| PXDWLKO  | 2    | ALLOCATION FLAG | 747 - 748 |
| PXDWWK   | 2    | ALLOCATION FLAG | 749 - 750 |
| 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 |
| FILLER   | 4    | Filler          | 787 - 790 |
| PXERNWKP | 2    | ALLOCATION FLAG | 791 - 792 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PXERNRT  | 2    | ALLOCATION FLAG  | 793 - 794 |
| PXERNHRY | 2    | ALLOCATION FLAG  | 795 - 796 |
| 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?                             | 822 - 823 |

EDITED UNIVERSE = PEEDUCA = 39

VALID ENTRIES

- 1 = Not in universe
- 1 = Graduation from high school
- 2 = GED or other equivalent

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEHGCOMP |      | <p>What was the highest grade of regular school...completed before receiving...s GED?</p> <p>EDITED UNIVERSE = PEDIPGED = 2</p> <p><u>VALID ENTRIES</u></p> <p>-1 =Not in universe<br/> 1 = Less than 1st grade<br/> 2 = 1st, 2nd, 3rd, or 4th grade<br/> 3 = 5th or 6th grade<br/> 4 = 7th or 8th grade<br/> 5 = 9th grade<br/> 6 = 10th grade<br/> 7 = 11th grade<br/> 8 = 12th grade (no diploma)</p> | 824 - 825 |
| PECYC    | 2    | <p>How many years of college credit has...completed?</p> <p>EDITED UNIVERSE:<br/> PEEDUCA =40-42</p> <p><u>VALID ENTRIES</u></p> <p>-1 = Not in universe<br/> 1 = Less than 1 year (includes 0 years completed)<br/> 2 = The first or Freshman year<br/> 3 = The second or Sophomore year<br/> 4 = The third or Junior year<br/> 5 = Four or more years</p>  | 826 - 827 |
| PEGRPROF | 2    | <p>Since completing...bachelor's degree, have you taken any graduate or professional school courses for credit?</p> <p>EDITED UNIVERSE:<br/> PEEDUCA = 43</p> <p><u>VALID ENTRIES</u></p> <p>-1 = Not in universe<br/> 1 = Yes<br/> 2 = No</p>   | 828 - 829 |

| NAME      | SIZE | DESCRIPTION  | LOCATION  |
|-----------|------|--|-----------|
| PEGR6COR  | 2    | Did...complete 6 or more graduate or professional school courses?<br><br>EDITED UNIVERSE:<br>PEGRPROF = 1<br><br><u>VALID ENTRIES</u><br><br>-1 = Not in universe<br>1 = Yes<br>2 = No   | 830 - 831 |
| PEMS123   | 2    | Was ... master's degree program a 1 year, 2 year, or 3 year program?<br><br>EDITED UNIVERSE:<br>PEEDUCA = 44<br><br><u>VALID ENTRIES</u><br><br>-1 = Not in universe<br>1 = 1 year program<br>2 = 2 year program<br>3 = 3 year program | 832 - 833 |
| PXDIPGED  | 2    | ALLOCATION FLAG  | 834 - 835 |
| PXHGCCOMP | 2    | ALLOCATION FLAG  | 836 - 837 |
| PXCYC     | 2    | ALLOCATION FLAG  | 838 - 839 |
| PXGRPROF  | 2    | ALLOCATION FLAG  | 840 - 841 |
| PXGR6COR  | 2    | ALLOCATION FLAG  | 842 - 843 |
| PXMS123   | 2    | ALLOCATION FLAG  | 844 - 845 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PWCMPWGT | 10   | Composited Final Weight. Used to create BLS's published labor force statistics (4 implied decimal places)<br><br>EDITED UNIVERSE:<br>PRPERTYP = 2 AND<br>PEAGE = 16+  | 846 - 855 |
| PEIO1ICD | 4    | INDUSTRY CODE FOR PRIMARY JOB<br><br>EDITED UNIVERSE:<br>(PEMLR = 1-3)<br>OR (PEMLR = 4 AND PELKLWO = 1-2)<br>OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1))<br>OR (PEMLR = 6 AND PENLFJH = 1)<br>OR (PEMLR = 7 AND PEJHWKO=1)<br><br><u>VALID ENTRIES</u><br><br>0      MIN VALUE<br>9999    MAX VALUE      | 856 - 859 |
| PEIO1OCD | 4    | OCCUPATION CODE FOR PRIMARY JOB.<br><br>EDITED UNIVERSE:<br>(PEMLR = 1-3)<br>OR (PEMLR = 4 AND PELKLWO = 1-2)<br>OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1))<br>OR (PEMLR = 6 AND PENLFJH = 1)<br>OR (PEMLR = 7 AND PEJHWKO = 1)<br><br><u>VALID ENTRIES</u><br><br>0      MIN VALUE<br>9999    MAX VALUE | 860 - 863 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEIO2ICD | 4    | INDUSTRY CODE FOR SECOND JOB.<br><br>EDITED UNIVERSE:<br>PEMJOT = 1 AND HRMIS = 4 OR 8<br><br><u>VALID ENTRIES</u><br><br>0      MIN VALUE<br>9999   MAX VALUE  | 864 - 867 |
| PEIO2OCD | 4    | OCCUPATION CODE FOR SECOND JOB.<br><br>EDITED UNIVERSE:<br>PEMJOT = 1 AND HRMIS = 4 OR 8<br><br><u>VALID ENTRIES</u><br><br>0      MIN VALUE<br>9999   MAX VALUE  | 868 - 871 |
| PRIMIND1 | 2    | INTERMEDIATE INDUSTRY RECODE (JOB 1)<br><br>EDITED UNIVERSE:<br>PRIOELG = 1<br><br><u>VALID ENTRIES</u><br><br>1      AGRICULTURE, FORESTRY, FISHING,<br>and HUNTING<br>2      MINING<br>3      CONSTRUCTION<br>4      MANUFACTURING - DURABLE GOODS<br>5      MANUFACTURING - NON-DURABLE GOODS<br>6      WHOLESALE TRADE<br>7      RETAIL TRADE<br>8      TRANSPORTATION AND WAREHOUSING<br>9      UTILITIES<br>10     INFORMATION<br>11     FINANCE AND INSURANCE<br>12     REAL ESTATE AND RENTAL AND LEASING<br>13     PROFESSIONAL AND TECHNICAL SERVICES<br>14     MANAGEMENT, ADMINISTRATIVE AND<br>WASTE MANAGEMENT SERVICES | 872 - 873 |

| NAME | SIZE | DESCRIPTION                                  | LOCATION |
|------|------|--|----------|
|      |      | 15 EDUCATIONAL SERVICES                      |          |
|      |      | 16 HEALTH CARE AND SOCIAL SERVICES           |          |
|      |      | 17 ARTS, ENTERTAINMENT, AND RECREATION       |          |
|      |      | 18 ACCOMMODATION AND FOOD SERVICES           |          |
|      |      | 19 PRIVATE HOUSEHOLDS                        |          |
|      |      | 20 OTHER SERVICES, EXCEPT PRIVATE HOUSEHOLDS |          |
|      |      | 21 PUBLIC ADMINISTRATION                     |          |
|      |      | 22 ARMED FORCES                              |          |

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

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

VALID ENTRIES

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



| NAME     | SIZE | DESCRIPTION         | LOCATION  |
|----------|------|---------------------|-----------|
| PEAFWHN1 | 2    | WHEN DID YOU SERVE? | 876 - 877 |

EDITED UNIVERSE:  
PEAFEVER = 1

VALID ENTRIES

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

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

EDITED UNIVERSE:  
PEAFEVER = 1

VALID ENTRIES

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

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEAFWHN3 | 2    | <p>WHEN DID YOU SERVE?</p> <p>EDITED UNIVERSE:<br/>PEAFEVER = 1</p> <p><u>VALID ENTRIES</u></p> <p>1      SEPTEMBER 2001 OR LATER<br/> 2      AUGUST 1990 TO AUGUST 2001<br/> 3      MAY 1975 TO JULY 1990<br/> 4      VIETNAM ERA (AUGUST 1964 TO<br/> APRIL 1975)<br/> 5      FEBRUARY 1955 TO JULY 1964<br/> 6      KOREAN WAR (JULY 1950 TO<br/> JANUARY 1955)<br/> 7      JANUARY 1947 TO JUNE 1950<br/> 8      WORLD WAR II (DECEMBER 1941 TO<br/> DECEMBER 1946)<br/> 9      NOVEMBER 1941 OR EARLIER</p> | 880 - 881 |
| PEAFWHN4 | 2    | <p>WHEN DID YOU SERVE?</p> <p>EDITED UNIVERSE:<br/>PEAFEVER = 1</p> <p><u>VALID ENTRIES</u></p> <p>1      SEPTEMBER 2001 OR LATER<br/> 2      AUGUST 1990 TO AUGUST 2001<br/> 3      MAY 1975 TO JULY 1990<br/> 4      VIETNAM ERA (AUGUST 1964 TO<br/> APRIL 1975)<br/> 5      FEBRUARY 1955 TO JULY 1964<br/> 6      KOREAN WAR (JULY 1950 TO<br/> JANUARY 1955)<br/> 7      JANUARY 1947 TO JUNE 1950<br/> 8      WORLD WAR II (DECEMBER 1941 TO<br/> DECEMBER 1946)<br/> 9      NOVEMBER 1941 OR EARLIER</p> | 882 - 883 |
| PXAFEVER | 2    | ALLOCATION FLAG  | 884 - 885 |

| NAME     | SIZE | DESCRIPTION             | LOCATION  |
|----------|------|-------------------------|-----------|
| PELNADAD | 2    | LINE NUMBER OF FATHER   | 886 - 887 |
|          |      | EDITED UNIVERSE:<br>ALL |           |
|          |      | <u>VALID ENTRIES</u>    |           |
|          |      | -1 NO FATHER PRESENT    |           |
|          |      | 01 MIN VALUE            |           |
|          |      | 16 MAX VALUE            |           |
| PELNMOM  | 2    | LINE NUMBER OF MOTHER   | 888 - 889 |
|          |      | EDITED UNIVERSE:<br>ALL |           |
|          |      | <u>VALID ENTRIES</u>    |           |
|          |      | -1 NO MOTHER PRESENT    |           |
|          |      | 01 MIN VALUE            |           |
|          |      | 16 MAX VALUE            |           |
| PEDADTYP | 2    | TYPE OF FATHER          | 890 - 891 |
|          |      | EDITED UNIVERSE:<br>ALL |           |
|          |      | <u>VALID ENTRIES</u>    |           |
|          |      | -1 NO FATHER PRESENT    |           |
|          |      | 01 BIOLOGICAL           |           |
|          |      | 02 STEP                 |           |
|          |      | 03 ADOPTED              |           |
| PEMOMTYP | 2    | TYPE OF MOTHER          | 892 - 893 |
|          |      | EDITED UNIVERSE:<br>ALL |           |
|          |      | <u>VALID ENTRIES</u>    |           |
|          |      | -1 NO MOTHER PRESENT    |           |
|          |      | 01 BIOLOGICAL           |           |
|          |      | 02 STEP                 |           |
|          |      | 03 ADOPTED              |           |

| NAME     | SIZE | DESCRIPTION                       | LOCATION  |
|----------|------|-----------------------------------|-----------|
| PECOHAB  | 2    | LINE NUMBER OF COHABITING PARTNER | 894 - 895 |
|          |      | EDITED UNIVERSE:<br>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 |
| PXMOMTYP | 2    | ALLOCATION FLAG                   | 902 - 903 |
| PXCOHAB  | 2    | ALLOCATION FLAG                   | 904 - 905 |
| FILLER   | 45   | FILLER                            | 906 - 950 |

## ATTACHMENT 7

### SUPPLEMENT RECORD LAYOUT

#### January 2007 Tobacco Use Supplement

| NAME     | SIZE | DESCRIPTION   | LOCATION |
|----------|------|---|----------|
| Filler   | 2    |   | 951-952  |
| PENXTPR3 | 2    | Is this a self or proxy response?   | 953-954  |
|          |      | VALID ENTRIES   |          |
|          |      | -1 Not in universe  |          |
|          |      | 1 Self  |          |
| PEA1     | 2    | (Have/Has) (you/ name) smoked at least 100 cigarettes in (your/his/her) entire life?<br>(FR NOTE: 100 CIGARETTES = APPROXIMATELY 5 PACKS) | 955-956  |
|          |      | EDITED UNIVERSE: NXXTPR3 = 1 OR EPROXY = 1.   |          |
|          |      | VALID ENTRIES   |          |
|          |      | 1 Yes   |          |
|          |      | 2 No  |          |
|          |      | -2 Don't know   |          |
|          |      | -3 Refused  |          |
|          |      | -9 No response  |          |
| PEA2     | 2    | How old (were/was) (you/name) when (you/he/she) first started smoking cigarettes FAIRLY REGULARLY?<br>ENTER (X) IF NEVER SMOKED REGULARLY | 957-958  |
|          |      | EDITED UNIVERSE: PEA1 = 1.  |          |
|          |      | VALID ENTRIES   |          |
|          |      | 1 Age   |          |
|          |      | -2 Don't know   |          |
|          |      | -3 Refused  |          |
|          |      | -5 Never smoked regularly   |          |
|          |      | -9 No response  |          |

| NAME  | SIZE | DESCRIPTION  | LOCATION |
|-------|------|--|----------|
| PEA3  | 2    | (Do/Does) (you/name) now smoke cigarettes every day, some days, or not at all?<br><br>EDITED UNIVERSE: PEA2 = (01 - AGE), -2, -3, -9<br><br>VALID ENTRIES<br><br>1 Every day<br>2 Some days<br>3 Not at all<br>-2 Don't know<br>-3 Refused<br>-9 No response   | 959-960  |
| PEB1  | 2    | On the average, about how many cigarettes do you now smoke each day?<br>(ONE PACK USUALLY EQUALS 20 CIGARETTES. IF CONVERTING PACKS TO CIGARETTES, ALWAYS VERIFY CALCULATION WITH RESPONDENT.)<br>ENTER NUMBER OF CIGARETTES PER DAY (1-99)<br><br>EDITED UNIVERSE: Self respondent and PEA3 = 1.<br><br>VALID ENTRIES<br><br>1-99 Number<br>-2 Don't know<br>-3 Refused<br>-9 No response | 961-962  |
| PEB1a | 2    | Would you say that, on average, you now smoke more or less than 20 cigarettes each day?<br><br>EDITED UNIVERSE: PEB1 = -2.<br><br>VALID ENTRIES<br><br>1 MORE<br>2 LESS<br>3 ABOUT 20 (ONE PACK)<br>-2 Don't know<br>-3 Refused<br>-9 No response  | 963-964  |

| NAME     | SIZE | DESCRIPTION   | LOCATION |
|----------|------|---|----------|
| PEB2     | 2    | Is your usual cigarette brand menthol or non-menthol?<br><br>EDITED UNIVERSE: Self respondent and PEA3 = 1.<br><br>VALID ENTRIES<br><br>1 Menthol<br>2 Non-menthol<br>3 NO USUAL TYPE<br>-2 Don't know<br>-3 Refused<br>-9 No response                  | 965-966  |
| PEB5aNUM | 2    | How soon after you wake up do you typically smoke your first cigarette of the day?<br><br>EDITED UNIVERSE: Self respondent and PEA3 = 1.<br><br>VALID ENTRIES<br><br>1-90 Number<br>-2 Don't know<br>-3 Refused<br>-4 Varies<br>-9 No response          | 967-968  |
| PEB5aUNT | 2    | How soon after you wake up do you typically smoke your first cigarette of the day?<br><br>EDITED UNIVERSE: Self respondent and PEA3 = 1.<br><br>VALID ENTRIES<br><br>1 Minutes<br>2 Hours<br>-2 Don't know<br>-3 Refused<br>-5 Varies<br>-9 No response | 969-970  |

| NAME   | SIZE | DESCRIPTION  | LOCATION |
|--------|------|--|----------|
| PEB5b  | 2    | <p>Would you say you smoke your first cigarette of the day within the first 30 minutes?</p> <p>EDITED UNIVERSE: PEB5a = -2, -3, -5.</p> <p>VALID ENTRIES</p> <p>1 Yes<br/> 2 No<br/> 3 Varies<br/> -2 Don't know<br/> -3 Refused<br/> -9 No response</p>                 | 971-972  |
| PEBA6A | 2    | <p>Do you usually buy your own cigarettes?</p> <p>EDITED UNIVERSE: Self respondent and PEA3 = 1.</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/> 2 No<br/> -2 Don't know<br/> -3 Refused<br/> -9 No response</p>   | 973-974  |
| PEB6a  | 2    | <p>Do you USUALLY buy your cigarettes by the pack or by the carton?</p> <p>EDITED UNIVERSE: Self respondent and PEA3 = 1.</p> <p>VALID ENTRIES:</p> <p>1 Pack<br/> 2 Carton<br/> 3 Buy both packs and cartons<br/> -2 Don't know<br/> -3 Refused<br/> -9 No response</p> | 975-976  |



| NAME   | SIZE | DESCRIPTION   | LOCATION |
|--------|------|---|----------|
| PEB6b  | 4    | <p>What price did you pay for the LAST pack of cigarettes you bought? Please report the cost after using discounts or coupons.</p> <p>EDITED UNIVERSE: PEB6a = 1, 3, -2,-3</p> <p>VALID ENTRIES:</p> <p>This is 4 positions with 2 implied decimal places.</p> <p>\$ _____</p> <p>-2 Don't know</p> <p>-3 Refused</p> <p>-9 No response</p>   | 977-980  |
| PEB6c  | 5    | <p>What price did you pay for the LAST carton of cigarettes you bought? Please report the cost after using discounts or coupons.</p> <p>EDITED UNIVERSE: PEB6a = 2.</p> <p>VALID ENTRIES:</p> <p>This is 5 positions with 2 implied decimal places.</p> <p>\$ _____</p> <p>-2 Don't know</p> <p>-3 Refused</p> <p>-9 No response</p>  | 981-985  |
| PEB6D1 | 2    | <p>Did you buy your LAST (pack/carton) of cigarettes in (____ Insert respondent's state of residence) or in some other state?</p> <p>EDITED UNIVERSE: PEB6a = 1, 2, 3.</p> <p>VALID ENTRIES:</p> <p>1 In respondent's state of residence</p> <p>2 In some other state (including DC)</p> <p>-5 Enter (X) FOR BOUGHT SOME OTHER WAY )</p> <p>-2 Don't know</p> <p>-3 Refused</p> <p>-9 No response</p> | 986-987  |

| NAME   | SIZE | DESCRIPTION   | LOCATION |
|--------|------|---|----------|
| PEB6d2 | 2    | In what other state did you buy your<br>LAST (pack/carton) of cigarettes?<br>ENTER STATE ABBREVIATION<br><br>EDITED UNIVERSE: PEB6d = 2.<br><br>VALID ENTRIES:<br><br>State Abbreviation<br>-2 Don't know<br>-3 Refused<br>-9 No response   | 988-989  |
| PEB6e1 | 2    | In the LAST 2 months, have you bought<br>any SINGLE or INDIVIDUAL cigarettes?<br>[FR: Respondent may refer to it as a<br>"loosie" or "loose out of the pack"]<br><br>EDITED UNIVERSE: PEB6D1 = 1,2,-2,-3,-5,-9<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response      | 990-991  |
| PEB6e2 | 3    | What price did you pay for the LAST<br>"single or individual" cigarette you bought<br>(FR: price per individual cigarette)<br><br>EDITED UNIVERSE: PEB6e1 = 1<br><br>VALID ENTRIES:<br><br>This is 3 positions with 2 implied decimal places.<br>\$ __ . __ __<br>-2 Don't know<br>-3 Refused<br>-9 No response | 992-994  |

| NAME    | SIZE | DESCRIPTION   | LOCATION |
|---------|------|---|----------|
| PEB6e31 | 2    | <p>Did you buy your LAST SINGLE or INDIVIDUAL cigarette in [fill respondent's state of residence] or in some other state?</p> <p>EDITED UNIVERSE: PEB6e2 = all entries</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 In respondent's state of residence</li> <li>2 In some other state (including DC)</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-5 Bought some other way (Internet, other country, ...)</li> <li>-9 No response</li> </ul> | 995-996  |
| PEB6e32 | 2    | <p>In what OTHER state did you buy your LAST SINGLE OR INDIVIDUAL cigarette?</p> <p>EDITED UNIVERSE: PEB6e31 = 2.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>State Abbreviation</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 997-998  |
| PEB7    | 2    | <p>What is the total number of years you have smoked EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer. ENTER (X) FOR NONE OR LESS THAN 1 YEAR ENTER NUMBER OF YEARS</p> <p>EDITED UNIVERSE: Self respondent and PEA3 = 1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-Age</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-5 None or less than 1 year</li> <li>-9 No response</li> </ul>                    | 999-1000 |

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PEB8   | 2    | <p>Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?</p> <p>EDITED UNIVERSE: PEB7 &lt; (AGE -[FILL ENTRY A2])<br/>(This should be PEA3=1 and self respondent)</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Every day</li> <li>2 Some days</li> <li>3 Not at all</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1001-1002 |
| PEB9   | 2    | <p>Around this time 12 months ago, on the average about how many cigarettes did you smoke each day?</p> <p>EDITED UNIVERSE: Peb8 = 1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-99 Number of cigarettes per day</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 1003-1004 |
| PEB10a | 2    | <p>Around this time 12 months age, on how many of 30 days in the month did you smoke cigarettes?</p> <p>EDITED UNIVERSE: PEB8 = 2.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-30 Number of days smoked per month</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-5 None</li> <li>-9 No response</li> </ul>  | 1005-1006 |

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PEB10b | 2    | <p>On the average, on those (fill entry B10a) days, how many cigarettes did you usually smoke each day?</p> <p>EDITED UNIVERSE: PEB10a ne -5 or 30</p> <p>VALID ENTRIES:</p> <p>1-99 Number of cigarettes per day<br/> -2 Don't know<br/> -3 Refused<br/> -9 No response</p> | 1007-1008 |
| PEC1   | 2    | <p>On how many of the past 30 days did you smoke cigarettes?</p> <p>EDITED UNIVERSE: pea3=2 and pus78 ne -1</p> <p>VALID ENTRIES:</p> <p>1-30 Number<br/> -9 Missing<br/> -3 Refused<br/> -2 Don't know<br/> -5 None</p>   | 1009-1010 |
| PEC1i  | 2    | <p>Would you say you smoked on at least 12 days in the past 30 days?</p> <p>EDITED UNIVERSE: PEc1 = -2,-3,-9.</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/> 2 No<br/> -2 Don't know<br/> -3 Refused<br/> -9 No response</p>  | 1011-1012 |
| PEC1a  | 2    | <p>On the average, on those [fill entry C1] days, how many cigarettes did you usually smoke each day?</p> <p>EDITED UNIVERSE: PEC1 = 0-30, -2, -3, -9.</p> <p>VALID ENTRIES:</p> <p>1-99 Number<br/> -2 Don't know<br/> -3 Refused<br/> -9 No response</p>                   | 1013-1014 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEC2     | 2    | <p>Is your usual cigarette brand menthol or non-menthol?</p> <p>EDITED UNIVERSE: Self Respondent AND PEA3 = 2.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Menthol</li> <li>2 Non-menthol</li> <li>3 NO USUAL TYPE</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 1015-1016 |
| PEC5aNUM | 2    | <p>On the days that you smoke, how soon after you wake up do you typically smoke your first cigarette of the day?<br/>(IF NECESSARY, FR ASK FOR BEST ANSWER IN MINUTES OR HOURS) ENTER (X) IF RESPONDENT INSISTS IT VARIES<br/>ENTER NUMBER</p> <p>EDITED UNIVERSE: Self Respondent AND PEA3 = 2.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-90 Number</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-5 Varies</li> <li>-9 No response</li> </ul> | 1017-1018 |
| PEC5Aunt | 2    | <p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE:</p> <p>Self Respondent AND PEA3 = 2</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-5 Varies</li> <li>-9 No response</li> <li>1 Minutes</li> <li>2 hours</li> </ul>   | 1019-1020 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEC5b  | 2    | <p>On the days that you smoke, would you say you smoke your first cigarette of the day within the first 30 minutes?</p> <p>EDITED UNIVERSE: PEC5a = -2, -3, -5 .</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>3 Varies<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p> | 1021-1022 |
| PECA6A | 2    | <p>Do you usually buy your own cigarettes?</p> <p>EDITED UNIVERSE: PEc5anum = all values.</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p>   | 1023-1024 |
| PEC6a  | 2    | <p>Do you USUALLY buy your cigarettes by the pack or by the carton?</p> <p>EDITED UNIVERSE: PECA6A = 1.</p> <p>VALID ENTRIES:</p> <p>1 Pack<br/>2 Carton<br/>3 Buy both packs and cartons<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p>                                 | 1025-1026 |

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PEC6b  | 4    | <p>What price did you pay for the LAST pack of cigarettes you bought? Please report the cost after using discounts or coupons.</p> <p>EDITED UNIVERSE: PEC6a = 1, 3, -2, -3 .</p> <p>VALID ENTRIES:</p> <p>This is 4 positions with 2 implied decimal places</p> <p>\$ _____</p> <p>-2 Don't know</p> <p>-3 Refused</p> <p>-9 No response</p>  | 1027-1030 |
| PEC6c  | 5    | <p>What price did you pay for the LAST carton of cigarettes you bought? Please report the cost after using discounts or coupons.</p> <p>EDITED UNIVERSE: PEC6a = 2.</p> <p>VALID ENTRIES:</p> <p>This is 5 positions with 2 implied decimal places</p> <p>\$ _____</p> <p>-2 Don't know</p> <p>-3 Refused</p> <p>-9 No response</p>  | 1031-1035 |
| PEC6d1 | 2    | <p>Did you buy your LAST (pack/carton) of cigarettes in (____ Insert respondent's state of residence) or in some other state? Enter (X) FOR BOUGHT SOME OTHER WAY (Internet, other country, ...)</p> <p>EDITED UNIVERSE: PEC6a = 1, 2, 3, -2, -3, -9 .</p> <p>VALID ENTRIES:</p> <p>1 In respondent's state of residence</p> <p>2 In some other state (including DC)</p> <p>-2 Don't know</p> <p>-3 Refused</p> <p>-5 Some other way</p> <p>-9 No response</p> | 1036-1037 |



| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEC6d2 | 2    | In what other state did you buy your<br>LAST (pack/carton) of cigarettes?<br>ENTER STATE ABBREVIATION<br><br>EDITED UNIVERSE: PEC6d = 2 .<br><br>VALID ENTRIES:<br><br>State Abbreviation<br>-2 Don't know<br>-3 Refused<br>-9 No response  | 1038-1039 |
| PEC6e1 | 2    | In the LAST 2 months, have you bought<br>any SINGLE or INDIVIDUAL cigarettes? [FR:<br>Respondent may refer to it as a "loosie"<br>or "loose out of the pack"]<br><br>EDITED UNIVERSE: PEc6d1 = 1,2,-2,-3,-5,-9<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response      | 1040-1041 |
| PEC6e2 | 4    | What price did you pay for the LAST "single or<br>individual" cigarette you bought<br>( FR: price per individual cigarette)<br><br>EDITED UNIVERSE: PEC6e1 = 1<br><br>VALID ENTRIES:<br><br>This is 3 positions with 2 implied decimal places<br>\$ __ . __ __<br>-2 Don't know<br>-3 Refused<br>-9 No response | 1042-1045 |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PEC6e31 | 2    | <p>Did you buy your LAST SINGLE or INDIVIDUAL cigarette in [fill respondent's state of residence] or in some other state?</p> <p>EDITED UNIVERSE: PEc6e2 = all entries</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 In respondent's state of residence</li> <li>2 In some other state (including DC)</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-5 Bought some other way (Internet, other country, ...)</li> <li>-9 No response</li> </ul> | 1046-1047 |
| PEC6e32 | 2    | <p>In what OTHER state did you buy your LAST SINGLE OR INDIVIDUAL cigarette?</p> <p>EDITED UNIVERSE: PEC6e31 = 2.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>State Abbreviation</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 1048-1049 |
| PEC7a   | 2    | <p>Have you EVER smoked cigarettes EVERY DAY for at least 6 months?</p> <p>EDITED UNIVERSE: Self Respondent AND PEA3 = 2.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>  | 1050-1051 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEC7bNUM | 2    | About how long has it been since you last smoked cigarettes EVERY DAY?<br>ENTER NUMBER  | 1052-1053 |
|          |      | EDITED UNIVERSE: PEC7a = 1.   |           |
|          |      | VALID ENTRIES:  |           |
|          |      | 1 – 99 Number   |           |
|          |      | -2 Don't know   |           |
|          |      | -3 Refused  |           |
|          |      | -9 No response  |           |
| PEC7bUNT | 2    | ENTER UNIT REPORTED   | 1054-1055 |
|          |      | EDITED UNIVERSE: PEC7a = 1.   |           |
|          |      | VALID ENTRIES:  |           |
|          |      | 1 Days  |           |
|          |      | 2 Weeks   |           |
|          |      | 3 Months  |           |
|          |      | 4 Years   |           |
|          |      | -2 Don't know   |           |
|          |      | -3 Refused  |           |
|          |      | -9 No response  |           |
| PEC7c    | 2    | When you last smoked every day, on average how many cigarettes did you smoke each day?<br>ENTER NUMBER OF CIGARETTES EACH DAY | 1056-1057 |
|          |      | EDITED UNIVERSE: PEC7a = 1.   |           |
|          |      | VALID ENTRIES:  |           |
|          |      | 1-99 Number of cigarettes smoked each day   |           |
|          |      | -2 Don't know   |           |
|          |      | -3 Refused  |           |
|          |      | -9 No response  |           |

| NAME  | SIZE | DESCRIPTION  | LOCATION  |
|-------|------|--|-----------|
| PEC7d | 2    | <p>What is the total number of years you smoked EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer. ENTER (X) FOR NONE OR LESS THAN 1 YEAR ENTER NUMBER OF YEARS</p> <p>EDITED UNIVERSE: PEC7a = 1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-AGE</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-4 None or less than one year</li> <li>-9 No response</li> </ul> | 1058-1059 |
| 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: Self Respondent AND PEA3 = 2.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Every day</li> <li>2 Some days</li> <li>3 Not at all</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>  | 1060-1061 |
| PEc9  | 2    | <p>Around this time 12 months ago, on the average about how many cigarettes did you smoke each day?</p> <p>EDITED UNIVERSE: Pec8 = 1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-99 Number of cigarettes per day</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 1062-1063 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEc10a | 2    | <p>Around this time 12 months age, on how many of 30 days in the month did you smoke cigarettes?</p> <p>EDITED UNIVERSE: PEc8 = 2.</p> <p>VALID ENTRIES:</p> <p>1-30 Number of days smoked per month<br/> -2 Don't know<br/> -3 Refused<br/> -5 None<br/> -9 No response</p>  | 1064-1065 |
| PEc10b | 2    | <p>On the average, on those (fill entry c10a) days, how many cigarettes did you usually smoke each day?</p> <p>EDITED UNIVERSE: PEc10a ne -5 or 30</p> <p>VALID ENTRIES:</p> <p>1- 99 Number of cigarettes per day<br/> -2 Don't know<br/> -3 Refused<br/> -9 No response</p> | 1066-1067 |
| PEDa   | 2    | <p>During the PAST 12 MONTHS, have you TRIED to QUIT smoking COMPLETELY?</p> <p>EDITED UNIVERSE: PEC1 &lt; 12 OR PEC1 = -2, -3, -5, -9.</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/> 2 No<br/> -2 Don't know<br/> -3 Refused<br/> -9 No response</p>                               | 1068-1069 |

| NAME | SIZE | DESCRIPTION  | LOCATION  |
|------|------|--|-----------|
| PEDb | 2    | <p>Have you EVER TRIED to QUIT smoking COMPLETELY?</p> <p>EDITED UNIVERSE: PEDa ne 1.</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p>  | 1070-1071 |
| PED1 | 2    | <p>Have you EVER stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?</p> <p>EDITED UNIVERSE: (Self Response AND PEA3 = 1) AND PEC1 &gt;= 12 .</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p> | 1072-1073 |
| PED2 | 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: PED1 = 1.</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p>                  | 1074-1075 |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PED3    | 2    | How many TIMES during the past 12 months have you stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?<br><br>EDITED UNIVERSE: PED2 = 1.<br><br>VALID ENTRIES:<br><br>1-69 Number of times<br>-2 Don't know<br>-3 Refused<br>-9 No response                                | 1076-1077 |
| PED3b   | 2    | Would you say that it was more than 3 times?<br><br>EDITED UNIVERSE: PED3 = -2, -3.<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response  | 1078-1079 |
| PED6NUM | 2    | During the PAST 12 MONTHS, what is the LENGTH/ LONGEST length of time you stopped smoking because you were TRYING to quit smoking?<br>ENTER NUMBER<br><br>EDITED UNIVERSE: PED3=1 OR PED5 = 2, -2, -3, -9.<br><br>VALID ENTRIES:<br><br>1-99 Number<br>-2 Don't know<br>-3 Refused<br>-9 No response | 1080-1081 |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PED6UNT | 2    | ENTER UNIT REPORTED<br><br>EDITED UNIVERSE: PED6NUM => 1.<br><br>VALID ENTRIES:<br><br>1 Days<br>2 Weeks<br>3 Months<br>4 Years<br>-2 Don't know<br>-3 Refused<br>-9 No response  | 1082-1083 |
| PED6b   | 2    | Was it more or less than one week?<br><br>EDITED UNIVERSE: PED6NUM AND/OR<br>PED6UNT = -2, -3 .<br><br>VALID ENTRIES:<br><br>1 More<br>2 Less<br>3 One week<br>-2 Don't know<br>-3 Refused<br>-9 No response  | 1084-1085 |
| PED7    | 2    | Have you EVER made a serious attempt to stop smoking because you were TRYING to quit even if you stopped for less than a day?<br><br>EDITED UNIVERSE: PED1 = 2, -2, -3, -9.<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response | 1086-1087 |



| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PED8   | 2    | <p>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?</p> <p>EDITED UNIVERSE: PED2 = 2, -2,-3,-9 OR PED7 = 1.</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p>   | 1088-1089 |
| PEE1b  | 2    | <p>Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months: Did you use a telephone help line or quit line?</p> <p>EDITED UNIVERSE: (PED6NUM &gt; 18 AND PED6UNT = 2) OR (PED6NUM &gt; 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9.</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p> | 1090-1091 |
| PEE1b2 | 2    | <p>Did you call 1-800-QUIT-NOW or some other quit line number?<br/>READ THE THREE CHOICES.</p> <p>EDITED UNIVERSE: PEE1b = 1</p> <p>VALID ENTRIES:</p> <p>1 1-800-QUIT-NOW<br/>2 Some other number<br/>3 Don't remember<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p>  | 1092-1093 |

| NAME  | SIZE | DESCRIPTION   | LOCATION  |
|-------|------|---|-----------|
| PEF1a | 2    | In the PAST 12 MONTHS, have you seen a medical doctor?<br><br>EDITED UNIVERSE: Self response and PEA3 = 1, 2.<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response   | 1094-1095 |
| PEF1b | 2    | During the PAST 12 MONTHS, did any medical doctor ADVISE you to stop smoking?<br><br>EDITED UNIVERSE: PEF1 = 1.<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response   | 1096-1097 |
| PEF1c | 2    | In the PAST 12 MONTHS, when a medical doctor advised you to stop smoking, did the doctor also suggest that you call or use a telephone help line or quit line?<br><br>EDITED UNIVERSE: PEF1b = 1.<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response | 1098-1099 |

| NAME  | SIZE | DESCRIPTION  | LOCATION  |
|-------|------|--|-----------|
| PEF1d | 2    | Has a medical doctor EVER ADVISED you to stop smoking?<br><br>EDITED UNIVERSE: PEF1b ne 1.<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response               | 1100-1101 |
| PEF2a | 2    | In the PAST 12 MONTHS, have you seen a dentist?<br><br>EDITED UNIVERSE: Self response and PEA3 = 1, 2.<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response   | 1102-1103 |
| PEF2b | 2    | During the PAST 12 MONTHS, did any dentist ADVISE you to stop smoking?<br><br>EDITED UNIVERSE: PEF1 = 1.<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response | 1104-1105 |

| NAME  | SIZE | DESCRIPTION   | LOCATION  |
|-------|------|---|-----------|
| PEF2c | 2    | In the PAST 12 MONTHS, when a dentist advised you to stop smoking, did the dentist also suggest that you call or use a telephone help line or quit line?<br><br>EDITED UNIVERSE: PEF1b = 1.<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response | 1106-1107 |
| PEF2d | 2    | Has a dentist EVER ADVISED you to stop smoking?<br><br>EDITED UNIVERSE: PEF1b ne 1.<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response   | 1108-1109 |
| PEG1  | 2    | Are you seriously considering quitting smoking within the next 6 months?<br><br>EDITED UNIVERSE: Self response and PEA3 = 1, 2.<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response   | 1110-1111 |

| NAME | SIZE | DESCRIPTION  | LOCATION  |
|------|------|--|-----------|
| PEG2 | 2    | Are you planning to quit within the next 30 days?<br><br>EDITED UNIVERSE: PEG1 = 1.<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response  | 1112-1113 |
| PEG3 | 2    | Overall, on a scale from 1 to 10 where 1 is NOT AT ALL interested and 10 is EXTREMELY interested, how interested are you in quitting smoking?<br><br>EDITED UNIVERSE: Self response and PEA3 = 1, 2.<br><br>VALID ENTRIES:<br><br>1-10<br>-2 Don't know<br>-3 Refused<br>-9 No response  | 1114-1115 |
| PEG4 | 2    | If you did try to quit smoking altogether in the next 6 months, how LIKELY do you think you would be to succeed -- not at all, a little likely, somewhat likely or very likely?<br><br>EDITED UNIVERSE: PEG3 > 1 OR PEG3 = -2, -3, -9.<br><br>VALID ENTRIES:<br><br>1 Not at all<br>2 A little likely<br>3 Somewhat likely<br>4 Very likely<br>-2 Don't know<br>-3 Refused<br>-9 No response | 1116-1117 |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PEH1NUM | 2    | <p>About how long has it been since you COMPLETELY quit smoking cigarettes? ENTER NUMBER</p> <p>EDITED UNIVERSE: Self respondent and PEA3 = 3</p> <p>VALID ENTRIES:</p> <p>1-99 Number<br/> -2 Don't know<br/> -3 Refused<br/> -9 No response</p> | 1118-1119 |
| PEH1UNT | 2    | <p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEH1NUM =&gt; 1.</p> <p>VALID ENTRIES:</p> <p>1 Days<br/> 2 Weeks<br/> 3 Months<br/> 4 Years<br/> -2 Don't know<br/> -3 Refused<br/> -9 No response</p>  | 1120-1121 |
| PEH2    | 2    | <p>Have you EVER smoked cigarettes EVERY DAY for at least 6 months?</p> <p>EDITED UNIVERSE: Self respondent and PEA3 = 3</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/> 2 No<br/> -2 Don't know<br/> -3 Refused<br/> -9 No response</p>                  | 1122-1123 |
| PEH3NUM | 2    | <p>About how long has it been since you last smoked cigarettes EVERY DAY? ENTER NUMBER</p> <p>EDITED UNIVERSE: PEH2 = 1</p> <p>VALID ENTRIES:</p> <p>1-99 Number<br/> -2 Don't know<br/> -3 Refused<br/> -9 No response</p>                       | 1124-1125 |

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PEH3UNT | 2    | <p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEH3NUM =&gt; 1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Days</li> <li>2 Weeks</li> <li>3 Months</li> <li>4 Years</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>  | 1126-1127 |
| PEH4    | 2    | <p>When you last smoked every day, on average how many cigarettes did you smoke each day?</p> <p>ENTER NUMBER OF CIGARETTES A DAY</p> <p>EDITED UNIVERSE: PEH2 = 1</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-99 Number</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>  | 1128-1129 |
| PEH5    | 2    | <p>Altogether, ABOUT how many years did you smoke EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer.</p> <p>ENTER (X) FOR NONE OR LESS THAN 1 YEAR</p> <p>ENTER NUMBER OF YEARS</p> <p>EDITED UNIVERSE: PEH2 = 1</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-Age</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-5 None</li> <li>-9 No response</li> </ul> | 1130-1131 |

| NAME  | SIZE | DESCRIPTION   | LOCATION  |
|-------|------|---|-----------|
| 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: H1 &lt;= 1 YEAR (12 MONTHS, 52 WEEKS, 365 DAYS) .</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Every day</li> <li>2 Some days</li> <li>3 Not at all</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1132-1133 |
| PEH6A | 2    | <p>Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?</p> <p>EDITED UNIVERSE: PEH6 = 1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-99 Cigarettes per day</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 1134-1135 |
| 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: PEH6 = 2.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-99 Cigarettes per day</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-5 None</li> <li>-9 No response</li> </ul>  | 1136-1137 |



| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PEH6C  | 2    | <p>On the average, on those [fill entry H6B] days, how many cigarettes did you usually smoke each day?</p> <p>EDITED UNIVERSE: (PEH6B = 1 to 29, -2, -3)<br/>or (peh6bv = 1 and H6b = 30)</p> <p>VALID ENTRIES:</p> <p>1-99 Number<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p>   | 1138-1139 |
| PEH61a | 2    | <p>In the 12 MONTHS BEFORE you COMPLETELY quit smoking, did you SEE a medical doctor?</p> <p>EDITED UNIVERSE: (peh6bv=1 and peh6b=0)<br/>or (peh6c le 40) or (peh6c=-2, -3) or (peh6cv=1)<br/>or (peh6av=1) or (peh6a=-2, -3) or (peh6a le 40)<br/>or (peh6 = 3, -2, -3)</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p> | 1140-1141 |
| PEH61b | 2    | <p>During the 12 MONTHS BEFORE you completely quit smoking, did any medical doctor ADVISE you to stop smoking?</p> <p>EDITED UNIVERSE: PEH61a = 1 .</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p>  | 1142-1143 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEH61c | 2    | <p>In the PAST 12 MONTHS BEFORE you quit smoking, when a medical doctor advised you to quit smoking, did the doctor also suggest that you call or use telephone help line or quit line?</p> <p>EDITED UNIVERSE: PEH61b = 1.</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p>   | 1144-1145 |
| PEH61d | 2    | <p>Has a medical doctor EVER ADVISED you to stop smoking?</p> <p>EDITED UNIVERSE: (peh61num or peh61unt = -2, -3) or (peh61b = 2, -2, -3) or (peh61a = 2, -2, -3) or (peh1num = 366-1825 and peh1unt = 1) or (peh1num = 53-260 and peh1unt = 2) or (peh1num = 13-60 and peh1unt = 3) or (peh1num = 2-5 and peh1unt = 4)</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p> | 1146-1147 |
| PEH62a | 2    | <p>In the 12 MONTHS BEFORE you COMPLETELY quit smoking, did you SEE a dentist?</p> <p>EDITED UNIVERSE: (peh61c = 1, 2, -2, -3) or [(peh61d = 1, 2, -2, -3) and ((peh1unt = 1 and peh1num le 365) or (peh1unt =2 and peh1num le 52) or (peh1unt=3 and peh1num le12) or (peh1unt=4 and peh1num =1)</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p>                        | 1148-1149 |

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PEH62b | 2    | <p>During the 12 MONTHS BEFORE you completely quit smoking, did any dentist ADVISE you to stop smoking?</p> <p>EDITED UNIVERSE: PEH62a = 1.</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p>  | 1150-1151 |
| PEH62c | 2    | <p>In the 12 MONTHS BEFORE you quit smoking, when a dentist advised you to quit smoking, did the dentist also suggest that you call or use a telephone help line or quit line?</p> <p>EDITED UNIVERSE: PEH62b = 1.</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p> | 1152-1153 |
| PEH62d | 2    | <p>Has a dentist EVER ADVISED you to stop smoking?</p> <p>EDITED UNIVERSE: (peh62a=2, -2,-3) or (peh62b=2, -2, -3) or (peh61d=1, 2, -2, -3 and peh1num &gt; year</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't know<br/>-3 Refused<br/>-9 No response</p>   | 1154-1155 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PEH7a    | 2    | <p>Still thinking back to the YEAR BEFORE YOU QUIT SMOKING. During that time, was your usual cigarette brand menthol or non-menthol?</p> <p>EDITED UNIVERSE: H1 =&lt; 5 YEARS (60 MONTHS) .</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Menthol</li> <li>2 Non-menthol</li> <li>3 NO USUAL TYPE</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1156-1157 |
| PEH8aNUM | 2    | <p>During the year before you quit smoking, how soon after you woke up did you typically smoke your first cigarette of the day? ENTER NUMBER</p> <p>EDITED UNIVERSE: H1 =&lt; 5 YEARS (60 MONTHS) .</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-90 Number</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-5 Varies</li> <li>-9 No response</li> </ul>                    | 1158-1159 |
| PEH8aUNT | 2    | <p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEH8aNUM =&gt;1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Minutes</li> <li>2 Hours</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-5 Varies</li> <li>-9 No response</li> </ul>   | 1160-1161 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEH8b  | 2    | <p>During the year before you quit smoking, would you say you smoked your first cigarette of the day within the first 30 minutes of awakening?</p> <p>EDITED UNIVERSE: PEH8aNUM = -2, -3, -5 OR PEH8aUNT = -2, -3, -5.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>3 Varies DO NOT READ</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1162-1163 |
| PEH10b | 2    | <p>During the year BEFORE you quit smoking completely did you use a telephone help line or quit line?</p> <p>EDITED UNIVERSE: PEH8aNUM = all values.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 1164-1165 |
| PEJ1a1 | 2    | <p>(Have/Has) (you/name) EVER used a cigar including a small cigar EVEN ONE TIME?</p> <p>EDITED UNIVERSE: Entered for all supplement eligible persons.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 1166-1167 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEJ1a2 | 2    | <p>(Have/Has) (you/name) EVER used a pipe filled with tobacco EVEN ONE TIME?</p> <p>EDITED UNIVERSE: Entered for all supplement eligible persons.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>  | 1168-1169 |
| PEJ1a3 | 2    | <p>(Have/Has) (you/name) EVER used chewing tobacco such as Redman, Levi Garrett, or Beechnut EVEN ONE TIME?</p> <p>FR NOTE: "USED CHEWING TOBACCO" INCLUDES PRODUCTS SUCH AS REDMAN, LEVI GARRETT, OR BEECHNUT AS WELL AS OTHER PRODUCTS.</p> <p>EDITED UNIVERSE: Entered for all supplement eligible persons.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1170-1171 |
| PEJ1a4 | 2    | <p>(Have/Has) (you/name) EVER used snuff such as Skoal Bandits, or Copenhagen EVEN ONE TIME?</p> <p>FR NOTE: "USED SNUFF" INCLUDES PRODUCTS SUCH AS SKOAL, SKOAL BANDITS, OR COPENHAGEN AS WELL AS OTHER PRODUCTS.</p> <p>EDITED UNIVERSE: Entered for all supplement eligible persons.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>                        | 1172-1173 |

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PEJ2A1 | 2    | (Do/Does) (you/name) NOW smoke/use a cigar every day, some days or not at all?<br><br>EDITED UNIVERSE: J1A1 = 1.<br><br>VALID ENTRIES:<br><br>1 Every day<br>2 Some days<br>3 Not at all<br>-2 Don't know<br>-3 Refused<br>-9 No response    | 1174-1175 |
| PEJ2b1 | 2    | On how many of the past 30 days did you smoke/use a cigar?<br><br>EDITED UNIVERSE: Self respondent AND PEJ2a1 = 2<br><br>VALID ENTRIES:<br><br>1-30 Number<br>-1 Not in universe<br>-2 Don't know<br>-3 Refused<br>-5 None<br>-9 No response | 1176-1177 |
| PEJ2A2 | 2    | (Do/Does) (you/name) NOW smoke/use a pipe every day, some days or not at all?<br><br>EDITED UNIVERSE: J1A2 = 1.<br><br>VALID ENTRIES:<br><br>1 Every day<br>2 Some days<br>3 Not at all<br>-2 Don't know<br>-3 Refused<br>-9 No response     | 1178-1179 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEJ2b2 | 2    | <p>On how many of the past 30 days did you smoke/use a pipe?</p> <p>EDITED UNIVERSE: Self respondent AND PEJ2a2 = 2</p> <p>VALID ENTRIES:</p> <p>1-30 Number<br/> -1 Not in universe<br/> -2 Don't know<br/> -3 Refused<br/> -5 None<br/> -9 No response</p>          | 1180-1181 |
| PEJ2A3 | 2    | <p>(Do/Does) (you/name) NOW smoke/use chewing tobacco every day, some days or not at all?</p> <p>EDITED UNIVERSE: J1A3 = 1.</p> <p>VALID ENTRIES:</p> <p>1 Every day<br/> 2 Some days<br/> 3 Not at all<br/> -2 Don't know<br/> -3 Refused<br/> -9 No response</p>    | 1182-1183 |
| PEJ2b3 | 2    | <p>On how many of the past 30 days did you smoke/use chewing tobacco?</p> <p>EDITED UNIVERSE: Self respondent AND PEJ2a3 = 2</p> <p>VALID ENTRIES:</p> <p>1-30 Number<br/> -1 Not in universe<br/> -2 Don't know<br/> -3 Refused<br/> -5 None<br/> -9 No response</p> | 1184-1185 |



| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEJ2A4 | 2    | (Do/Does) (you/name) NOW smoke/use snuff every day, some days or not at all?<br><br>EDITED UNIVERSE: J1A4 = 1.<br><br>VALID ENTRIES:<br><br>1 Every day<br>2 Some days<br>3 Not at all<br>-2 Don't know<br>-3 Refused<br>-9 No response   | 1186-1187 |
| PEJ2b4 | 2    | On how many of the past 30 days did you smoke/use snuff?<br><br>EDITED UNIVERSE: Self respondent AND PEJ2a4 = 2<br><br>VALID ENTRIES:<br><br>1-30 Number<br>-1 Not in universe<br>-2 Don't know<br>-3 Refused<br>-5 None<br>-9 No response  | 1188-1189 |
| PEJ3a1 | 2    | How soon after you wake up do you typically smoke your first cigar? ENTER NUMBER<br><br>EDITED UNIVERSE: Self respondent AND every day smoker of cigars (not a current smoker of cigarettes).<br><br>VALID ENTRIES:<br><br>1-90 Number<br>-2 Don't know<br>-3 Refused<br>-9 No response | 1190-1191 |

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PEJ3a2 | 2    | <p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEJ3A1 =&gt;1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Minutes</li> <li>2 Hours</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>  | 1192-1193 |
| PEJ3a3 | 2    | <p>Would you say you smoke your first cigar of the day within the first 30 minutes of awakening?</p> <p>EDITED UNIVERSE: PEJ3A1 = -2, -3, -5, -9.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>3 Varies DO NOT READ</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1194-1195 |
| PEJ3b1 | 2    | <p>How soon after you wake up do you typically FIRST smoke a pipe? ENTER NUMBER</p> <p>EDITED UNIVERSE: Self respondent AND every day pipe smoker (not a current smoker of cigarettes).</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-90 Number</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1196-1197 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEJ3b2 | 2    | <p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEJ3b1 =&gt;1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Minutes</li> <li>2 Hours</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 1198-1199 |
| PEJ3b3 | 2    | <p>Would you say you smoke your first pipe of the day within the first 30 minutes of awakening?</p> <p>EDITED UNIVERSE: PEJ3b1 = -2, -3, -5, -9.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>3 Varies</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>                                 | 1200-1201 |
| PEJ3c1 | 2    | <p>How soon after you wake up do you typically FIRST use chewing tobacco? ENTER NUMBER</p> <p>EDITED UNIVERSE: Self respondent AND every day user of chewing tobacco (not a current smoker of cigarettes).</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-90 Number</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1202-1203 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEJ3c2 | 2    | <p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEJ3c1 =&gt;1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Minutes</li> <li>2 Hours</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 1204-1205 |
| PEJ3c3 | 2    | <p>Would you say you first use chewing tobacco within the first 30 minutes of awakening?</p> <p>EDITED UNIVERSE: PEJ3c1 = -2, -3, -5, -9.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>3 Varies</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>                    | 1206-1207 |
| PEJ3d1 | 2    | <p>How soon after you wake up do you typically FIRST use snuff? ENTER NUMBER</p> <p>EDITED UNIVERSE: Self respondent AND every day user of snuff (not a current smoker of cigarettes).</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1-90 Number</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1208-1209 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEJ3d2 | 2    | <p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEJ3d1 =&gt;1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Minutes</li> <li>2 Hours</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 1210-1211 |
| PEJ3d3 | 2    | <p>Would you say you first use snuff within the first 30 minutes of awakening?</p> <p>EDITED UNIVERSE: PEJ3d1 = -2, -3, -5, -9.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>3 Varies</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>  | 1212-1213 |
| PEJ4   | 2    | <p>During the PAST 12 MONTHS, have you stopped smoking/using [fill entry Box 39] for one day or longer BECAUSE YOU WERE TRYING TO QUIT?</p> <p>EDITED UNIVERSE: Self respondent AND (every day or some days (12 or more days in the last 30 days ) users of (cigars, or snuff, or chewing tobacco, or pipe))</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1214-1215 |

| NAME   | SIZE | DESCRIPTION  | LOCATION  |
|--------|------|--|-----------|
| PEJ7b  | 2    | Thinking back ANY TIME IN THE PAST 12 MONTHS you tried to QUIT [fill entry Box 39], did you use a telephone help line or quit line?<br><br>EDITED UNIVERSE: PEJ4 = 1.<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response  | 1216-1217 |
| PEJJ11 | 2    | Now I'm going to ask about your use of new tobacco products that are sometimes claimed to have fewer harmful chemicals. Have you ever tried a product called... (A) Eclipse?<br><br>EDITED UNIVERSE: (PEA3 = 1, 2) OR (PEA3 = 3 AND PEH1 <= 5 YEARS (60 MONTHS))<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response | 1218-1219 |
| PEJJ12 | 2    | (B) Accord?<br><br>EDITED UNIVERSE: (PEA3 = 1, 2) OR (PEA3 = 3 AND PEH1 <= 5 YEARS (60 MONTHS))<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response  | 1220-1221 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEJJ13 | 2    | (C) Arriva?<br><br>EDITED UNIVERSE: (PEA3 = 1, 2) OR<br>(PEA3 = 3 AND PEH1 <= 5 YEARS<br>(60 MONTHS)) .<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response | 1222-1223 |
| PEJJ14 | 2    | (D) Exalt?<br><br>EDITED UNIVERSE: (PEA3 = 1, 2) OR<br>(PEA3 = 3 AND PEH1 <= 5 YEARS<br>(60 MONTHS)) .<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response  | 1224-1225 |
| PEJJ15 | 2    | (E) Revel?<br><br>EDITED UNIVERSE: (PEA3 = 3 AND<br>PEH1 <= 5 YEARS (60 MONTHS))<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response                        | 1226-1227 |

| NAME   | SIZE | DESCRIPTION   | LOCATION  |
|--------|------|---|-----------|
| PEJJ16 | 2    | (F) Omni?<br><br>EDITED UNIVERSE: (PEA3 = 1, 2) OR<br>(PEA3 = 3 AND PEH1 <= 5 YEARS<br>(60 MONTHS)) .<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response                 | 1228-1229 |
| PEJJ17 | 2    | (G) Advance?<br><br>EDITED UNIVERSE: (PEA3 = 1, 2) OR<br>(PEA3 = 3 AND PEH1 <= 5 YEARS<br>(60 MONTHS)) .<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response              | 1230-1231 |
| PEJJ18 | 2    | (H) Marlboro Ultrasmooth?<br><br>EDITED UNIVERSE: (PEA3 = 1, 2) OR<br>(PEA3 = 3 AND PEH1 <= 5 YEARS<br>(60 MONTHS)) .<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response | 1232-1233 |



| NAME  | SIZE | DESCRIPTION   | LOCATION  |
|-------|------|---|-----------|
| PEK1  | 2    | <p>Which of these best describes the area in which you work MOST of the time?<br/>           WORK PLACE QUESTIONS PERTAIN TO THE SAMPLE PERSON'S MAIN JOB<br/>           (READ ANSWER CATEGORIES AND CHOOSE ONLY ONE)</p> <p>EDITED UNIVERSE: Not retired AND (have been working for pay OR employed in past week) AND not self-employed. (PEMLR = 1, 2) AND (IO1COW = 1, 2, 3, 4, 5, or 10) .</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Mainly work indoors</li> <li>2 Mainly work outdoors</li> <li>3 Travel to different buildings or sites</li> <li>4 In a motor vehicle, or</li> <li>5 Somewhere else</li> <li>6 VARIES</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1234-1235 |
| PEK1b | 2    | <p>(You said that you now work indoors).<br/>           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: PEK1 = 1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Office building</li> <li>2 Own home</li> <li>3 Someone else's home</li> <li>4 Another indoor place</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 1236-1237 |

| NAME  | SIZE | DESCRIPTION  | LOCATION  |
|-------|------|--|-----------|
| PEK1c | 2    | <p>In which State (including DC), do you work on your main job or business?</p> <p>EDITED UNIVERSE: PEK1 = 5 OR<br/>PEK1B = 1, 4, -2, -3, -9.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>State Abbreviation</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>  | 1238-1239 |
| PEK2a | 2    | <p>Does your place of work have an official policy that restricts smoking in any way?</p> <p>NOTE: "PLACE OF WORK" RESTRICTIONS INCLUDE POLICIES OF THE EMPLOYER, BUILDING OWNER OR ANY GOVERNMENTAL LAWS THUS "ANY POLICY" AT THE PLACE OF WORK REGARDLESS OF WHO IS RESPONSIBLE FOR IT.</p> <p>EDITED UNIVERSE: PEK1 = 5 OR<br/>PEK1B = 1, 4, -2, -3, -9.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1240-1241 |
| PEK3a | 2    | <p>Which of these best describes your place of work's smoking policy for INDOOR PUBLIC OR COMMON AREAS, such as lobbies, rest rooms, and lunch rooms?<br/>READ THE THREE ANSWER CATEGORIES</p> <p>EDITED UNIVERSE: PEK2A = 1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Not allowed in ANY public areas</li> <li>2 Allowed in SOME public areas</li> <li>3 Allowed in ALL public areas</li> <li>4 Not applicable</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>        | 1242-1243 |

| NAME  | SIZE | DESCRIPTION   | LOCATION  |
|-------|------|---|-----------|
| PEK3b | 2    | <p>Which of these best describes your place of work's smoking policy for WORK AREAS?<br/>           READ THE THREE ANSWER CATEGORIES</p> <p>EDITED UNIVERSE: PEK2a = 1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Not allowed in ANY work areas</li> <li>2 Allowed in SOME work areas</li> <li>3 Allowed in ALL work areas</li> <li>4 Not applicable</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1244-1245 |
| PEK3c | 2    | <p>During the PAST TWO WEEKS, has anyone smoked in the area in which you work?</p> <p>EDITED UNIVERSE: PEK3b=1,2,3,4,-2,-3-9</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>-2 Don't Know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 1246-1247 |
| PEK3d | 2    | <p>Within the PAST 12 MONTH, has your employer offered any stop smoking program or any other help to employees who want to quit smoking?</p> <p>EDITED UNIVERSE: PEK3c=1,2,-2,-3-9</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>-2 Don't Know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>   | 1248-1249 |

| NAME  | SIZE | DESCRIPTION  | LOCATION  |
|-------|------|--|-----------|
| PEK4  | 2    | <p>Which statement best describes the rules about smoking INSIDE YOUR HOME?</p> <p>EDITED UNIVERSE: Not retired AND (have been working for pay OR employed in past week) AND not self-employed. [(PEMLR = 1, 2) AND (IO1COW = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11)] OR PEK1=1,2,3,4,5,6,-2,-3,-9 .</p> <p>VALID ENTRIES:</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.</p> <p>1 No one is allowed to smoke anywhere INSIDE YOUR HOME</p> <p>2 Smoking is allowed in some places or at some time INSIDE YOUR HOME</p> <p>3 Smoking is permitted anywhere INSIDE YOUR HOME</p> <p>-2 Don't know</p> <p>-3 Refused</p> <p>-9 No response</p> | 1250-1251 |
| PEK61 | 2    | <p>In restaurants, do you THINK that smoking SHOULD be allowed in all areas, allowed in some areas, or not allowed at all?</p> <p>EDITED UNIVERSE: PEK4 = all responses</p> <p>VALID ENTRIES:</p> <p>-9 Missing</p> <p>-3 Refused</p> <p>-2 Don't know</p> <p>1 Allowed in all areas</p> <p>2 Allowed in some areas</p> <p>3 Not allowed at all</p>  | 1252-1253 |

| NAME  | SIZE | DESCRIPTION  | LOCATION  |
|-------|------|--|-----------|
| PEK62 | 2    | In indoor work areas, do you THINK that smoking SHOULD be allowed in all areas, allowed in some areas, or not allowed at all?<br><br>EDITED UNIVERSE: PEK4 = all responses<br><br>VALID ENTRIES:<br><br>-9 Missing<br>-3 Refused<br>-2 Don't know<br>1 Allowed in all areas<br>2 Allowed in some areas<br>3 Not allowed at all         | 1254-1255 |
| PEK63 | 2    | In bars and cocktail lounges, do you THINK that smoking SHOULD be allowed in all areas, allowed in some areas, or not allowed at all?<br><br>EDITED UNIVERSE: PEK4 = all responses<br><br>VALID ENTRIES:<br><br>-9 Missing<br>-3 Refused<br>-2 Don't know<br>1 Allowed in all areas<br>2 Allowed in some areas<br>3 Not allowed at all | 1256-1257 |
| PEK64 | 2    | In indoor sporting events, do you THINK that smoking SHOULD be allowed in all areas, allowed in some areas, or not allowed at all?<br><br>EDITED UNIVERSE: PEK4=1,2,3,-2,-3,-9<br><br>VALID ENTRIES:<br><br>1 Allowed in all areas<br>2 Allowed in some area<br>3 Not Allowed at all<br>-2 Don't know<br>-3 Refused<br>-9 No response  | 1258-1259 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEK65    | 2    | <p>In indoor concerts, do you THINK that smoking SHOULD be allowed in all areas, allowed in some areas, or not allowed at all?</p> <p>EDITED UNIVERSE: PEK4=1,2,3,-2,-3,-9</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Allowed in all areas</li> <li>2 Allowed in some area</li> <li>3 Not Allowed at all</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>  | 1260-1261 |
| PEK66    | 2    | <p>In outdoor children's – playgrounds and sports fields ..., do you THINK that smoking SHOULD be allowed in all areas, allowed in some areas, or not allowed at all?</p> <p>EDITED UNIVERSE: PEK4=1,2,3,-2,-3,-9</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Allowed in all areas</li> <li>2 Allowed in some area</li> <li>3 Not Allowed at all</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul>                               | 1262-1263 |
| PEKQTNWa | 2    | <p>I'm going to read you a list of some smoking cessation services to help people stop smoking. Before being contacted for this survey, had you ever heard of:</p> <p>(a) telephone quit lines such as a toll-free number to call for help in quitting smoking.....</p> <p>EDITED UNIVERSE: PEK66=1,2,3,-2,-3,-9</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>-2 Don't know</li> <li>-3 Refused</li> <li>-9 No response</li> </ul> | 1264-1265 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEKQTNWb | 2    | (b) 1-800-QUIT-NOW<br><br>EDITED UNIVERSE: PEKQTNWa=1,2,3,-2,-3,-9<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response  | 1266-1267 |
| PEKQTNWc | 2    | (c) The website www.smokefree.gov<br><br>EDITED UNIVERSE: PEKQTNWb=1,2,3,-2,-3,-9<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response   | 1268-1269 |
| PEKOTHQT | 2    | During the past 12 months, did you encourage a friend or family member to quit smoking?<br><br>EDITED UNIVERSE: PEKQTNWc=1,2,3,-2,-3,-9<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't know<br>-3 Refused<br>-9 No response | 1270-1271 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PES78    | 2    | Respondent relationship recode-relationship of respondent to the sample person | 1272-1273 |
|          |      | VALID ENTRIES:   |           |
|          |      | 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 for this person conducted?                  | 1274-1275 |
|          |      | EDITED UNIVERSE: Entered for all supplement eligible persons.                  |           |
|          |      | VALID ENTRIES:   |           |
|          |      | 1 English  |           |
|          |      | 2 Spanish  |           |
|          |      | 3 Other  |           |
|          |      | -2 Don't know  |           |
|          |      | -3 Refused   |           |
|          |      | -9 No response   |           |
| PES81A   | 2    | Method of Interview  | 1276-1277 |
|          |      | EDITED UNIVERSE: Entered for all supplement eligible persons.                  |           |
|          |      | VALID ENTRIES:   |           |
|          |      | 1 Telephone  |           |
|          |      | 2 Personal Visit   |           |
|          |      | -2 Don't know  |           |
|          |      | -3 Refused   |           |
|          |      | -9 No response   |           |



| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| INTRVIEW | 2    | <p>Interview status recode</p> <p>Special note: The conditions for intrview are different in Jan 2007 from May and Aug 2006. NXTPR was inadvertently omitted in Jan 2007.</p> <p>EDITED UNIVERSE:<br/>           Condition 1. PENXTPR3 = 1 or 2<br/>           Condition 2. (PEA1 in 1, 2, -2) or ((PEa1 in -3, -9) AND (PEJ1a# in 1, 2, -2))</p> <p>VALID ENTRIES:</p> <ol style="list-style-type: none"> <li>1. Intrview = 1 when conditions 1 and 2 are met.</li> <li>2. Intrview = 2 when condition 1 is not met or condition 2 is not met or conditions 1 and 2 are not met.</li> </ol> | 1278-1279 |
| HRMODE   | 2    | <p>Method of interview</p> <p>VALID ENTRIES:</p> <ol style="list-style-type: none"> <li>1 CAPI</li> <li>2 CATI</li> <li>3 Unknown</li> </ol>   | 1280-1281 |
| SMOKSTAT | 2    | <p>Smoker recode</p> <p>VALID ENTRIES:</p> <ol style="list-style-type: none"> <li>-1 Not in universe</li> <li>1 Never smoker</li> <li>2 Everyday smoker</li> <li>3 Some days smoker</li> <li>4 Former smoker</li> <li>-9 Indeterminate</li> </ol>  | 1282-1283 |
| PRS35    | 2    | <p>Check item recode</p> <p>VALID ENTRIES:</p> <ol style="list-style-type: none"> <li>-1 Not in universe</li> <li>1 Self respondent, every day smoker</li> <li>2 Self respondent, some day smoker</li> <li>3 Self respondent, former smoker</li> <li>4 Proxy respondent</li> <li>-9 No response</li> </ol>   | 1284-1285 |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PRS60   | 2    | Check item recode   | 1286-1287 |
|         |      | VALID ENTRIES:  |           |
|         |      | -1 Out of universe  |           |
|         |      | 1 Item 59 is less than or equal to one year or don't know.  |           |
|         |      | 2 All others  |           |
| PRS64   | 2    | Check item recode<br>Who is responding for the supplement   | 1288-1289 |
|         |      | VALID ENTRIES:  |           |
|         |      | -1 Not in universe  |           |
|         |      | 1 Self  |           |
|         |      | 2 Proxy   |           |
| PRS65   | 2    | Check item recode   | 1290-1291 |
|         |      | VALID ENTRIES:  |           |
|         |      | -1 Not in universe  |           |
|         |      | 1 PEMLR = 1 or 2  |           |
|         |      | 2 All others  |           |
| PRS66   | 2    | Check item recode   | 1292-1293 |
|         |      | VALID ENTRIES:  |           |
|         |      | -1 Not in universe  |           |
|         |      | 1 Entry 1, 2, 3, 4, 5, or 10 in PEIO1COW<br>for this person |           |
|         |      | 2 All other cases   |           |
| PWNRWGT | 10   | Nonresponse weight<br>(4 implied decimal places)            | 1294-1303 |
| PWSRWGT | 10   | Self response weight<br>(4 implied decimal places)          | 1304-1313 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PRTOBTYP | 2    | <p>Recode of conditions in Box 39 to determine which tobacco product is being discussed in J4 then matched to that product's assigned numeric value in J1a.</p> <p>Special note: The tobacco products are in a different order than 2003 had.</p> <p>EDITED UNIVERSE: PES78=1 AND (PEA3 ne 1 OR 2)</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> <li>-1 Not in universe</li> <li>1 Cigars</li> <li>2 Pipe</li> <li>3 Chewing tobacco</li> <li>4 Snuff</li> </ul> | 1314-1315 |

**ATTACHMENT 8**

**SUPPLEMENT QUESTIONNAIRE**

**MAY 2006, AUGUST 2006, AND JANUARY 2007  
TOBACCO USE SUPPLEMENT**

Supplement universe: civilian non-institutional population, age 15+. (The universe age changed in August and in January.)

All skip paths should go to the next item unless otherwise instructed.

Allow Proxy interviews on the 4th callback.

**PRESUP      This month we would also like to ask about your thoughts and experiences concerning tobacco use. I need to ask each individual, age 15 years old and older, these questions.**

ENTER (P) TO PROCEED

ENTER (I) FOR IMPORTANCE OF RESPONDING

**H\_SUPP\_I      The information you give is important. Answers to the tobacco use questions will be used by the National Cancer Institute, the Centers for Disease Control and Prevention, other researchers, national, state, and local public health officials, and others to measure changes in America’s use of tobacco products, work place policies, medical doctor and dentist advice, and opinions towards tobacco use. It will also be used to create new or modify existing policies 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]

(R) Respondent Refused for someone else

ENTER LINE NUMBER FOR  
INTERVIEW: |\_|\_|

| <u>HOUSEHOLD ROSTER</u> |             |       |
|-------------------------|-------------|-------|
| 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, THE PERSON WILL NOT RETURN BEFORE CLOSEOUT OR THE HOUSEHOLD IS GETTING IRRITATED.)

Is this a Self or Proxy response?

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

EPROXY DO NOT ASK

POSSIBLE ERROR

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

Are you currently talking to [fill name]?

- (1) Yes, SELF interview [GO TO A1]
- (2) No

NXTPER5 DO NOT ASK  
ENTER LINE NUMBER OF  
CURRENT RESPONDENT  
|\_|\_|

HOUSEHOLD ROSTER

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

---

**SECTION A. SCREENING FOR EVER/EVERYDAY/SOMEDAY SMOKING**

---

**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]

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

ENTER (X) IF NEVER SMOKED REGULARLY: **GO TO A3**

ENTER AGE (01 - AGE)

- [AGE >5: GO TO A3]
- [AGE Less Than OR Equal 5: GO TO A2V]

**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 A3]
- (2) No [GO TO A2]

**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 → GO TO SECTION B
- A3 = (2) SOME-DAY SMOKERS → GO TO SECTION C
- A3 = (3) NOT-AT-ALL SMOKERS → GO TO SECTION H
- A3 = D, R → GO TO SECTION J

IF PROXY RESPONDENT → GO TO SECTION J

---

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

---

**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 → GO TO B1a |
| IF B1 > 40 → GO TO B1v   |
| ELSE →GO TO B2           |

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

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

[1, 2, OR 3: 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]

**B2** Is your usual cigarette brand menthol or non-menthol?

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

[1, 2, OR 3: 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 (X) IF RESPONDENT INSISTS IT VARIES

**B5a@NUM** ENTER NUMBER (1 – 90 for minutes) (1-24 for hours)

**B5a@UNT** ENTER UNIT REPORTED  
(1) Minutes (2) Hours

|  |
|--|
| BOX 5  |
| IF B5a = X, D, R → GO TO B5b<br>ELSE GO TO <b>BA6a</b> |

**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]

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

- (1) Yes [GO TO B6a]
- (2) No [GO TO B7]

**B6a** Do you **USUALLY** buy your cigarettes by the pack or by the carton? [FR: A CARTON HAS 10 PACKS]

- (1) Pack
- (2) Carton
- (3) Buy both packs and cartons

|   |
|---|
| BOX 6   |
| IF B6a = (1) <u>OR</u> (3) <u>OR</u> D, R →GO TO B6b<br>IF B6a = (2) →GO TO B6c |

**B6b** 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]

\$\_\_ \_\_ . \_\_ \_\_ [GO TO B6d]

**B6c** 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]

\$\_\_ \_\_ . \_\_ \_\_ GO TO B6d

**B6d** 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?



- B6d1** (1) In respondent's state of residence  
(2) In some other state (including DC)  
Enter (X) FOR BOUGHT SOME OTHER WAY (Internet, other country, ...)

BOX 7

IF B6d1 =1, ENTER AUTOMATICALLY RESPONDENT'S STATE OF RESIDENCE IN B6d2 →GO TO **B6e1**  
ELSE IF B6d1 = 2 → GO TO B6d2  
ELSE IF B6d1 = X → GO TO B6dSPC  
ELSE →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?

[H] Help [GIVES STATE ABBREVIATIONS]

ENTER STATE ABBREVIATION      **GO TO B6e1**

- B6dSPC** SPECIFY: Other way (internet, other country, ...) in which last (fill appropriate term here from B6a responses (=1, 3, DK or R fill "pack"; =2 fill "carton") of cigarettes were purchased: \_\_\_\_\_

- B6e1** In the **LAST 2 months**, have you bought any **SINGLE** or **INDIVIDUAL** cigarettes? [FR: Respondent may refer to it as a "loosie" or "loose out of the pack"]

- (1) Yes  
(2) No    **GO TO B7**

- B6e2** What price did you pay for the **LAST** "single or individual" cigarette you bought?

\$ \_\_ . \_\_ \_\_ ( FR: price per individual cigarette) [GO TO B6e3]

- B6e3** Did you buy your **LAST SINGLE** or **INDIVIDUAL** cigarette in [fill respondent's state of residence] or in some other state?

- B6e31** (1) In respondent's state of residence  
(2) In some other state (including DC)  
Enter (X) FOR BOUGHT SOME OTHER WAY (Internet, other country, ...)

BOX 7B

IF B6e31 =1, ENTER AUTOMATICALLY RESPONDENT'S STATE OF RESIDENCE IN B6e32 →GO TO **B7**  
ELSE IF B6e31 = 2 → GO TO B6e32  
ELSE IF B6e31 = X → GO TO B6e3SPC  
ELSE →GO TO **B7**

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

[H] Help [GIVES STATE ABBREVIATIONS]

ENTER STATE ABBREVIATION **GO TO B7**

**B6e3SPC** SPECIFY Other way (internet, other country, ...) in which last single cigarette was purchased: \_\_\_\_\_

**B7** What is the total number of years you have smoked EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer.

ENTER (X) FOR NONE OR LESS THAN 1 YEAR  
ENTER NUMBER OF YEARS

(1-AGE) IF ENTRY IN B7 ≤ (AGE -[FILL ENTRY A2]) →GO TO B8

**B7v** I have recorded that not including any time you stayed off cigarettes for 6 months or longer, the total number of years you have smoked EVERY DAY is [fill entry B7]. Is that correct?

- (1) Yes [GO TO B8]
- (2) No [GO TO B7]

**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, DK, R GO TO D1 (3<sup>RD</sup> 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 → GO TO D1 (**3rd QUESTION IN QUIT ATTEMPT SECTION**)  
IF B9 > 40 → GO TO B9v  
ELSE →GO TO D1 (**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 D1 (3rd QUESTION IN QUIT ATTEMPT SECTION)**

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

ENTER (X) FOR NONE

Range 1-30

|                                 |
|---------------------------------|
| BOX 7D                          |
| IF B10a = X OR 30 → GO TO B10aV |
| ELSE GO TO B10b                 |

**B10aV** You said that you smoked cigarettes some days. Is that correct?

(1) Yes

(2) No

|   |
|---|
| BOX 7E  |
| IF (B10aV = 1 <u>AND</u> B10a= 30), OR B10Av = DK, R →GO TO B10b                          |
| IF B10aV = 1 <u>AND</u> B10a= X →GO TO D1 ( <b>3rd QUESTION IN QUIT ATTEMPT SECTION</b> ) |
| IF B10aV = 2 →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”

Range 1-99 IF ≤ 40 → GO TO D1 (**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 D1 (3rd QUESTION IN QUIT ATTEMPT SECTION)**

---

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

---

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

ENTER (X) FOR NONE

|   |
|---|
| BOX 9   |
| IF C1 = X OR 30 → GO TO C1v<br>ELSE IF C1=DK, R → GO TO C1i<br>ELSE GO TO C1a |

**C1v You said that you smoked cigarettes some days. Is that correct?**

- (1) Yes
- (2) No

|  |
|--|
| BOX 10   |
| IF C1v = 1 AND C1 = 30 →GO TO C1a<br>IF C1v = 1 AND C1 = X →GO TO C2<br>IF C1v = 2 →GO TO A3<br>IF C1v = DK, R → GO TO C1a |

**C1i Would you say you smoked on AT LEAST 12 DAYS in the past 30 days?**

- (1) Yes
- (2) No

**C1a On the average, on those [IF C1 NE (D, R) fill entry C1 / ELSE IF C1 = D, R AND C1i = YES fill entry AT LEAST 12 / ELSE IF C1 = D, R AND C1i = NO, fill entry LESS THAN 12] days, how many cigarettes did you usually smoke each day?**

IF ≤ 40 → GO TO C2

[IF >40, GO TO C1aV]

**C1aV I have recorded that on the average, when you smoked on those [[IF C1 NE (D, R) fill entry C1/ ELSE IF C1 = D, R AND C1i = YES fill entry AT LEAST 12 / ELSE IF C1 = D, R AND C1i = NO, fill entry LESS THAN 12] days, you smoked [fill entry C1a] cigarettes a day. Is that correct?**

- (1) Yes [GO TO C2]
- (2) No [GO TO C1a]

**C2 Is your usual cigarette brand menthol or non-menthol?**

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

[1, 2, OR 3: GO TO C5a]

**C5a** On the days that you smoke, how soon after you wake up do you typically smoke your first cigarette of the day?

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

**C5a@NUM** ENTER NUMBER (1 – 90 for minutes, 1-24 for hours)

**C5a@UNT** ENTER UNIT REPORTED  
(1) Minutes (2) Hours

|   |
|---|
| BOX 13  |
| IF C5a = X, D, R → GO TO C5b<br>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)
- (1) No (GO TO C7a)

**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 →GO TO C6b<br>IF C6a = (2) →GO TO C6c |

**C6b** 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]

\$ \_\_\_\_ . \_\_\_\_ GO TO C6d

**C6c** 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]

\$ \_\_\_\_ . \_\_\_\_ GO TO C6d

**C6d 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?**

**C6d1** (1) In respondent’s state of residence  
(2) In some other state (including DC)  
Enter (X) FOR BOUGHT SOME OTHER WAY (Internet, other country, ...)

|   |
|---|
| BOX 15  |
| IF C6d1 =1, ENTER AUTOMATICALLY RESPONDENT’S STATE OF RESIDENCE IN C6d2 →GO TO C6e1 |
| ELSE IF C6d1 = 2 → GO TO C6d2   |
| ELSE IF C6d1 = X → GO TO C6dSPC   |
| ELSE →GO TO C6e1  |

**C6d2 In what other state did you buy your LAST (fill appropriate term here: pack/carton) of cigarettes?**

[H] Help [GIVES STATE ABBREVIATIONS]

ENTER STATE ABBREVIATION      GO TO C6e1

**C6dSPC**

SPECIFY Other way (internet, other country, ...) in which last cigarettes were purchased:\_\_\_\_\_

**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  
(2) No    GO TO C7a

**C6e2 What price did you pay for the LAST “single or individual” cigarette you bought?**

\$\_\_ . \_\_ \_\_ ( FR: price per “individual” cigarette)

**C6e3 Did you buy your LAST SINGLE or INDIVIDUAL cigarette in [fill respondent’s state of residence] or in some other state?**

**C6e31** (1) In respondent’s state of residence  
(2) In some other state (including DC)  
Enter (X) FOR BOUGHT SOME OTHER WAY (Internet, other country, ...)

|  |
|--|
| BOX 15B  |
| IF C6e31 =1, ENTER AUTOMATICALLY RESPONDENT’S STATE OF RESIDENCE IN C6e32 →GO TO C7a |
| ELSE IF C6e31 = 2 → GO TO C6e32  |
| ELSE IF C6e31 = X → GO TO C6e3SPC  |
| ELSE →GO TO C7a  |

**C6e32 In what OTHER state did you buy your LAST SINGLE OR INDIVIDUAL cigarette?**

[(H)] Help [GIVES STATE ABBREVIATIONS]

ENTER STATE ABBREVIATION      **GO TO C7a**

**C6e3SPC SPECIFY** Other way (internet, other country, ...) in which last single cigarette was purchased: \_\_\_\_\_

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

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

(1) Yes [GO TO C7b]

(2) No [GO TO C8]

**C7b About how long has it been since you last smoked cigarettes EVERY DAY?**

**C7b@NUM** ENTER NUMBER (1-99)

**C7b@UNT** ENTER UNIT REPORTED

(1) Days

(2) Weeks

(3) Months

(4) Years

**BOX 16**

IF C7b@NUM > 18 AND C7b@UNT = 2 → GO TO C7bV

IF C7b@NUM > 30 AND C7b@UNT = 3 → GO TO C7bV

IF C7b@NUM > (AGE - [ENTRY IN A2]) AND C7b@UNT = 4 →GO TO C7bERR

ELSE →GO TO C7c

**C7bERR**      \*\*\* DO NOT READ \*\*\*

It was reported in item A2 that this person first started smoking [fill (AGE - entry to A2)] years ago. Response of [fill entry C7b] is inconsistent.

(B) Back to correct

→GO TO C7b@NUM

**C7bV I have recorded that it has been [fill entry C7b@num and C7b@unt] since you last smoked cigarettes every day. Is that correct?**

(1) Yes [GO TO C7c]

(2) No [GO TO C7b@NUM]

**C7c** 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  $\leq 40$  : GO TO C7d

[If >40: GO TO C7cV]

**C7cV** I have recorded that when you last smoked every day, on the average you smoked [fill entry C7c] cigarettes each day. Is that correct?

(1) Yes [GO TO C7d]

(2) No [GO TO C7c]

**C7d** What is the total number of years you smoked EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer.

ENTER (X) FOR NONE OR LESS THAN 1 YEAR  
ENTER NUMBER OF YEARS  
(1- AGE)

\_\_\_\_ IF  $\leq (\text{AGE} - [\text{ENTRY A2}]) \rightarrow \text{GO TO C8}$

**C7dV** I have recorded that not including any time you stayed off cigarettes for 6 months or longer, the total number of years you smoked every day is [fill entry C7d]. Is that correct?

(1) Yes [GO TO C8]

(2) No [GO TO C7d]

**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  $\rightarrow$  GO TO C9

(2) Some days IF C8 = 2  $\rightarrow$  GO TO C10a

(3) Not at all

**IF C8 = 3  $\rightarrow$  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 → GO TO BOX 18 |
| IF C9 > 40 → GO TO C9v      |
| ELSE →GO TO BOX 18          |

**C9v** I have recorded that on the average, you smoked [fill entry C9] cigarettes a day 12 months ago. Is that correct?

- (1) Yes → GO TO BOX 18
- (2) No →GO TO C9

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

ENTER (X) FOR NONE

|                                 |
|---------------------------------|
| BOX 16C                         |
| IF C10a = X OR 30 → GO TO C10aV |
| If C10a=D, R GO TO Box 18       |
| ELSE GO TO C10b                 |

**C10aV** You said that you smoked cigarettes some days. Is that correct?

- (1) Yes
- (2) No

|  |
|--|
| BOX 16D  |
| IF (C10aV = 1 <u>AND</u> C10a= 30), OR C10aV = DK, R →GO TO C10b |
| ELSE IF C10aV = 1 <u>AND</u> C10a= X →GO TO BOX 18               |
| ELSE IF C10aV = 2 →GO TO C8                                      |

**C10b** On the average, on those [fill entry C10a] 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 BOX 18; ELSE IF C10b = D, R → GO TO BOX 18

**C10bV I have recorded that on the average, when you smoked on those [fill entry C10a] days, you smoked [fill entry C10b] cigarettes a day. Is that correct?**

- (1) Yes
- (2) No → GO TO C10b

BOX 18

IF ENTRY IN C1  $\geq$  12 DAYS IN THE PAST 30 DAYS, GO TO D1 (3<sup>rd</sup> question in Section D)  
ELSE IF C1i = 1 (Yes) GO TO D1 (3<sup>rd</sup> question in Section D)  
ELSE IF C1i = 2 (NO), OR C1i = DK, R GO TO Da  
ELSE IF C1 < 12 GO TO Da

**SECTION D. PAST 12-MONTH QUIT ATTEMPTS FOR CURRENT EVERY-DAY  
AND SOME-DAY SMOKERS**

---

**PAST 12-MONTH QUIT ATTEMPTS FOR SOME-DAY SMOKERS SMOKING <12 DAYS IN  
THE PAST 30 DAYS**

**Da During the PAST 12 MONTHS, have you TRIED to QUIT smoking COMPLETELY?**

- (1) Yes [GO TO D6]
- (2) No [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 >=12 days during the past 30 days)**

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

**D1 Have you EVER stopped smoking for one day or longer BECAUSE YOU WERE TRYING  
TO QUIT SMOKING?**

- (1) Yes [GO TO D2]
- (2) No [GO TO D7]

**D2 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 D8]

**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?**

ENTER NUMBER OF TIMES  
(1 - 99)

BOX 19

IF D3 = DK/REF →GO TO D3b  
IF D3 = 1-10 →GO TO D6  
IF D3 > 10 →GO TO D3v

**D3v** I have recorded that you have stopped smoking [fill entry D3] times for one day or longer in the past 12 months because you were TRYING to quit smoking? Is that correct?

- (1) Yes [GO TO D6]
- (2) No [GO TO D3]

**D3b** Would you say that it was more than 3 times?

- (1) Yes
- (2) No

[GO TO D6]

**D6** During the PAST 12 MONTHS, what is the [LENGTH / LONGEST length: If D3 = 1, fill with "LENGTH;" ELSE fill with "LONGEST Length"] of time 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.]

**D6@NUM** ENTER NUMBER (1 - 99)

**D6@UNT** ENTER UNIT REPORTED

- (1) Days
- (2) Weeks
- (2) Months
- (3) Years

BOX 20

IF D6@NUM AND/OR D6@UNT = DK/REF →GO TO D6b  
IF D6@NUM >18 AND D6@UNT = 2 →GO TO D6V  
IF D6@NUM > 12 AND D6@UNT =3 →GO TO D6V  
IF D6@NUM >2 AND D6@UNT = 4 →GO TO D6V  
ELSE →GO TO SECTION E

**D6V** 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 D6@num and D6@unt]? Is that correct?

- (1) Yes [GO TO SECTION E, Box 21]
- (2) No [GO TO D6@NUM]

**D6b** 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):**

**D7 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 D8]
- (2) No [GO TO F1a]

**D8 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 F1a]

**SECTION E. METHODS USED DURING PAST (12-MONTH) QUIT ATTEMPTS (EVERY-DAY AND SOME-DAY SMOKERS)**

BOX 21

IF D3 = 1, THEN FILL E1b WITH "The TIME"  
ELSE FILL E1b WITH "Any time"

**E1b Thinking back to (The Time/ ANY time) you tried to QUIT smoking in the PAST 12 MONTHS: Did you use a telephone help line or quit line?**

- (1) Yes GO TO E1b2
- (2) No GO TO F1a

**E1b2 Did you call 1-800-QUIT-NOW or some other quit line number? READ THE THREE CHOICES.**

- (1) 1-800-QUIT NOW
- (2) Some other number
- (3) Don't remember

**(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?**

- (1) Yes GO TO F1b
- (2) No GO TO F1d

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

- (1) Yes GO TO F1c
- (2) No GO TO F1d

**F1c In the PAST 12 MONTHS, when a medical doctor advised you to quit smoking, did the doctor also suggest that you call or use a telephone help line or quit line?**

- (1) Yes
- (2) No

**GO TO F2a**

**F1d Has a medical doctor EVER ADVISED you to stop smoking?**

- (1) Yes
- (2) No

**GO TO F2a**

**F2a In the PAST 12 MONTHS have you SEEN a dentist?**

- (1) Yes GO TO F2b
- (2) No GO TO F2b

**F2b During the PAST 12 MONTHS, did any dentist ADVISE you to stop smoking?**

- (1) Yes GO TO F2c
- (2) No GO TO F2c

**F2c In the PAST 12 MONTHS, when a dentist advised you to quit smoking, did the dentist also suggest that you call or use a telephone help line or quit line?**

- (1) Yes
- (2) No

**All Responses GO TO G1**

**F2d Has a dentist EVER ADVISED you to stop smoking?**

- (1) Yes
- (2) No

**All Responses 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]

**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 → 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**

---

**H1** About how long has it been since you **COMPLETELY** quit smoking cigarettes?

**H1@NUM** ENTER NUMBER  
(1-99)

**H1@UNT** ENTER UNIT REPORTED

- (1) Days
- (2) Weeks
- (3) Months
- (4) Years

BOX 24

IF H1@NUM > 18 AND H1@UNT = 2 → GO TO H1V  
IF H1@NUM > 30 AND H1@UNT = 3 → GO TO H1V  
IF H1@NUM > (AGE - [ENTRY A2]) AND H1@UNT = 4 → GO TO H1ERR  
ELSE → GO TO H2

**H1ERR** \*\*\* DO NOT READ \*\*\*

It was reported (in item A2) that this person first started smoking [fill AGE - (entry to A2)] years ago. Response of [fill entry H1] (in item H1) is inconsistent.

(B) Back to correct

| → GO TO H1@NUM

**H1v** I have recorded that it has been about [fill entry H1@num and H1@unt] since you completely quit smoking cigarettes? Is that correct?

- (1) Yes [GO TO H2]
- (2) No [GO TO H1@NUM]

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

- (1) Yes [GO TO H3]
- (2) No [GO TO BOX 26]

**H3** About how long has it been since you last smoked cigarettes **EVERY DAY**?

**H3@NUM** ENTER NUMBER  
(1 - 99)

**H3@UNT** ENTER UNIT REPORTED

- (1) Days
- (2) Weeks
- (3) Months
- (4) Years

BOX 25

IF H3@NUM > 18 AND H3@UNT = 2 →GO TO H3V  
IF H3@NUM > 30 AND H3@UNT = 3 →GO TO H3V  
IF H3@NUM > (AGE - [ENTRY A2]) AND H3@UNT = 4 →GO TO H3ERR  
ELSE →GO TO H4

**H3ERR** \*\*\* DO NOT READ \*\*\*

It was reported (in item A2) that this person first started smoking [fill (AGE - (entry to A2))] years ago. Response of [fill entry H3] (in item H3) is inconsistent.

(B) Back to correct

→GO TO H3@NUM

**H3V** I have recorded that it has been [fill entry H3] since you last smoked cigarettes every day. Is that correct?

- (1) Yes [GO TO H4]
- (2) No [GO TO H3@NUM]

**H4** When you last smoked every day, on average how many cigarettes did you smoke each day?

ENTER NUMBER OF CIGARETTES A DAY  
(1 - 99)

[IF entry in H4 ≤ 40, GO TO H5]

[IF H4 > 40, GO TO H4V]

**H4V** I have recorded that when you last smoked every day, on average you smoked (entry to H4) cigarettes a day. Is that correct?

- (1) Yes [GO TO H5]
- (2) No [GO TO H4]

**H5** Altogether, ABOUT how many years did you smoke EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer.

ENTER (X) FOR NONE OR LESS THAN 1 YEAR  
ENTER NUMBER OF YEARS  
(1-AGE)

If entry in H5 LE (AGE - [ENTRY A2]) → GO TO BOX 26

**H5v** I have recorded that not including any time you stayed off cigarettes for 6 months or longer, altogether, you smoked every day for about [fill entry H5] years. Is that correct?

- (1) Yes [GO TO BOX 26]
- (2) No [GO TO H5]

|  |
|--|
| BOX 26   |
| IF H1 ≤ 1 YEAR (12 MONTHS, 52 WEEKS, 365 DAYS) →GO TO H6     |
| IF H1 > 5 YEARS (60 MONTHS, EQUIVALENT in WEEKS and in DAYS) |
| →GO TO SECTION J   |
| ELSE →GO TO H6.1d  |

**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 H6.1a

**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 H6.1a |
| IF H6A > 40 → GO TO H6Av    |
| ELSE →GO TO H6.1a           |

**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 H6.1a
- (2) No →GO TO H6A

**IF H6Av = DK, R → H6.1a**

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

ENTER (X) FOR NONE

|                               |
|-------------------------------|
| BOX 26B                       |
| IF H6B = X OR 30 → GO TO H6BV |
| ELSE GO TO H6C                |

**H6BV** You said that you smoked cigarettes some days. Is that correct?

(1) Yes

(2) No

|   |
|---|
| BOX 26C   |
| IF (H6BV = 1 <u>AND</u> H6B = 30), OR H6BV = DK, R →GO TO H6C |
| ELSE IF H6BV = 1 <u>AND</u> H6B = X →GO TO H6.1a              |
| ELSE IF H6BV = 2 →GO TO H6                                    |

**H6C** On the average, on those [fill entry H6B] days, how many cigarettes did you usually smoke each day?

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

IF ≤ 40 → GO TO H6.1a; ELSE IF H6C = D, R → GO TO H6.1a

**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

**H6.1a** In the 12 MONTHS BEFORE you COMPLETELY quit smoking, did you SEE a medical doctor?

(1) Yes GO TO H6.1b

(2) No GO TO H6.1d

**H6.1b** During the 12 MONTHS BEFORE you completely quit smoking, did any medical doctor ADVISE you to stop smoking?

(1) Yes GO TO H6.1c

(2) No GO TO H6.1d

**H6.1c In the PAST 12 MONTHS BEFORE you quit smoking, when a medical doctor advised you to quit smoking, did the doctor also suggest that you call or use telephone help line or quit line?**

- (1) Yes
- (2) No

**GO TO H6.2a**

**H6.1d Has a medical doctor EVER ADVISED you to stop smoking?**

- (1) Yes
- (2) No

**IF H1 > 1 YEAR (> 12 Months, > 52 Weeks, > 365 Days), GO TO H6.2d; ELSE GO TO H6.2a.**

**H6.2a In the 12 MONTHS BEFORE you COMPLETELY quit smoking, did you SEE a dentist?**

- (1) Yes GO TO H6.2b
- (2) No GO TO H6.2d

**H6.2b During the 12 MONTHS BEFORE you completely quit smoking; did any dentist ADVISE you to stop smoking?**

- (1) Yes GO TO H6.2c
- (2) No GO TO H6.2d

**H6.2c In the 12 MONTHS BEFORE you quit smoking, when a dentist advised you to quit smoking, did the dentist also suggest that you call or use a telephone help line or quit line?**

- (1) Yes
- (2) No

**GO TO H7a**

**H6.2d Has a dentist EVER ADVISED you to stop smoking?**

- (1) Yes
- (2) No

**GO TO H7a**

**H7a Still thinking back to the YEAR BEFORE YOU QUIT SMOKING. During that time, was your usual cigarette brand menthol or non-menthol?**

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

**[GO TO H8a]**

**H8a** During the year 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 (X) IF RESPONDENT INSISTS IT VARIES

**H8a@NUM** ENTER NUMBER (1 – 90 for minutes, 1-24 for hours)

**H8a@UNT** ENTER UNIT REPORTED  
(1) Minutes (2) Hours

BOX 29

IF H8a = X, D, R → GO TO H8b  
ELSE GO TO **H10b**

**H8b** During the year 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 H10b]**

**H10b** During the year BEFORE you quit smoking completely did you use a telephone help line or quit line?

- (1) Yes
- (2) No

**[GO TO SECTION J]**

**SECTION J. OTHER TOBACCO USE – ALL RESPONDENTS**

**J**      **The next questions are about the use of tobacco other than in cigarettes.**  
PRESS ENTER TO PROCEED

**J1a**    **(Have/Has) (you/name) EVER used any of the following EVEN ONE TIME?**  
**(1) Yes**  
**(2) No**

- J1a@1**    **A cigar including a small cigar**
- J1a@2**    **A pipe filled with tobacco**
- J1a@3**    **Chewing tobacco such as Redman, Levi Garrett, or Beechnut**
- J1a@4**    **Snuff such as Skoal, Skoal Bandits, or Copenhagen**

**FR NOTE:**

“**Cigars**” ALSO INCLUDE THE THIN (SMALL) CIGARS (also called “cigarillo” in ENGLISH) THAT ARE GENERALLY WRAPPED IN TOBACCO LEAF. THEY CAN BE MADE BY MACHINE OR HAND ROLLED.

IF ASKED, “**pipe smoking**” ONLY INCLUDES PIPE TOBACCO. IT DOES NOT INCLUDE SMOKING HASHISH, MARIJUANA, CRACK, OR OTHER SUBSTANCES IN A PIPE.

“**Used chewing tobacco**” INCLUDES CHEWING THE TOBACCO OR JUST PLACING IT IN THE MOUTH. THIS INCLUDES PRODUCTS SUCH AS REDMAN, LEVI GARRETT, OR BEECHNUT AS WELL AS OTHER PRODUCTS.

“**Used snuff**” SNUFF, A FINELY GROUND OR SHREDDED TOBACCO, IS PACKAGED AS DRY, MOIST, OR IN SACHETS, WHICH ARE TEA BAG-LIKE POUCHES. TYPICALLY, THE USER PLACES A PINCH OR DIP IN THE MOUTH BETWEEN THE CHEEK AND GUM, OR DRY SNUFF CAN BE SNIFFED...INCLUDES PRODUCTS SUCH AS SKOAL, SKOAL BANDITS, OR COPENHAGEN AS WELL AS OTHER PRODUCTS.

|   |
|---|
| <p>BOX 31<br/>IF ((J1a@1 THROUGH J1a@4 = NO, DK or R) <u>AND</u>:<br/>IF PROXY RESPONDENT →GO TO S78<br/>IF SELF RESPONDENT →GO TO BOX 34))<br/>ELSE IF ANY J1a@1, 2, 3, 4 = YES (1) GO TO J2a FOR THOSE PRODUCTS</p> |
|---|

**J2a** (Do you/Does [name]) NOW (smoke/use) [fill entry in J1a] every day, some days or not at all?

BOX 32  
ASK J2a FOR EACH YES ENTRY IN J1a@1 THROUGH J1a@4

- (1) Every day
- (2) Some days
- (3) Not at all

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 J1a@1 - 4  
IF SELF: LAST YES ENTRY FROM J1a@1-4 →GO TO BOX 34  
ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a@1-4

IF J2a = 2: (Someday Smokers)  
IF PROXY: IF LAST YES ENTRY FROM J1a@ 1-4 →GO TO S78  
ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a@1 - 4  
IF SELF: →GO TO J2b

**J2b** On how many of the past 30 days did you (smoke/use) [fill entry J1a@]?  
[ASK SEPARATELY FOR EACH “YES” ENTRY IN J1a@ WITH J2a = 2]

ENTER NUMBER OF DAYS  
ENTER (X) FOR NONE  
(1-30)

IF [entry in J2b = X OR 30] →GO TO J2bV; ELSE →GO TO BOX 34

**J2bV** 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 [GO TO BOX 34]
- (2) No [GO TO J2a]

NOTE: THE J2a, J2b, and J2bV SERIES IS REPEATED FOR EACH YES ENTRY IN J1a@1-4

BOX 34

FOR PROXY RESPONDENT: →GO TO S78

FOR SELF RESPONDENT:  
IF CURRENT SMOKER OF CIGARETTES (A3 = 1 OR 2) →GO TO SECTION JJ Box 40  
IF J1a@1-4 = NO OR J2a = NOT AT ALL OR J2a = DK/Refused OR ANY COMBINATION OF THESE THREE STIPULATIONS FOR ALL FOUR “OTHER” TOBACCO PRODUCTS FOR ALL ENTRIES →GO TO SECTION JJ Box 40



**J3a** [IF CIGARS ARE NOT USED EVERY DAY (J2a NOT = 1 for cigars) →GO TO J3b]  
**How soon after you wake up do you typically smoke your first cigar?**

(IF NECESSARY, FR ASK FOR BEST ANSWER IN MINUTES OR HOURS)  
ENTER (X) in J3a@1 IF RESPONDENT INSISTS IT VARIES

**J3a@1** ENTER NUMBER (1 - 90)

**J3a@2** ENTER UNIT REPORTED  
(1) Minutes (2) Hours

|  |
|--|
| BOX 35   |
| IF J3a@1 = X, D, R → GO TO J3a_3<br>ELSE GO TO J3b |

**J3a\_3** **Would you say you smoke your first cigar of the day within the first 30 minutes of awakening?**

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

**J3b** [IF PIPES ARE NOT USED EVERY DAY (IF PIPES IN J2A NOT = 1) →GO TO J3c]  
**How soon after you wake up do you typically FIRST smoke a pipe?**

(IF NECESSARY, FR ASK FOR BEST ANSWER IN MINUTES OR HOURS)  
ENTER (X) in J3b@1 IF RESPONDENT INSISTS IT VARIES

**J3b@1** ENTER NUMBER (1 - 90)

**J3b@2** ENTER UNIT REPORTED  
(1) Minutes (2) Hours

|  |
|--|
| BOX 36   |
| IF J3b@1 = X, D, R → GO TO J3b_3<br>ELSE GO TO J3c |

**J3b\_3** **Would you say you smoke your first pipe of the day within the first 30 minutes of awakening?**

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

**J3c** [IF CHEWING TOBACCO IS NOT USED EVERY DAY (J2a for chewing tobacco NOT = 1)  
→GO TO J3d]

**How soon after you wake up do you typically FIRST use chewing tobacco?**

(IF NECESSARY, FR ASK FOR BEST ANSWER IN MINUTES OR HOURS)  
ENTER (X) in J3c@1 IF RESPONDENT INSISTS IT VARIES

**J3c@1** ENTER NUMBER (1 - 90)

**J3c@2** ENTER UNIT REPORTED

- (1) Minutes
- (2) Hours

|  |
|--|
| BOX 37   |
| IF J3c@1 = X, R, D → GO TO J3c_3<br>ELSE GO TO J3d |

**J3c\_3** Would you say you first use chewing tobacco within the first 30 minutes of awakening?

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

**J3d** [IF SNUFF IS NOT USED EVERY DAY (J2a for Snuff NOT = 1) →GO TO BOX 39]  
**How soon after you wake up do you typically FIRST use snuff?**

(IF NECESSARY, FR ASK FOR BEST ANSWER IN MINUTES OR HOURS)  
ENTER (X) in J3d@1 IF RESPONDENT INSISTS IT VARIES

**J3d@1** ENTER NUMBER (1 - 90)

**J3d@2** ENTER UNIT REPORTED

- (1) Minutes
- (2) Hours

|   |
|---|
| BOX 38  |
| IF J3d@1 = X, D, R → GO TO J3d_3<br>ELSE GO TO BOX 39 |

**J3d\_3** Would you say you first use snuff within the first 30 minutes of awakening?

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

**Other tobacco quit attempts:**

**BOX 39**

IF ONLY ONE PRODUCT MENTIONED IN J2a IS NOW USED “EVERY DAY” OR “SOME DAYS  $\geq$  12 days in the past 30 days” [J2a =1 OR (J2a =2 AND J2b $\geq$  12)] THAT PRODUCT IS USED FOR J4-J7

IF  $>$  1 PRODUCT MENTIONED IN J2a, ASK J4-J7 ABOUT ONE TYPE OF OTHER TOBACCO, AS FOLLOWS:

1) If cigars are currently used “every day” or “some days  $\geq$  12 days in the past 30 days” [J2a =1 OR (J2a =2 AND J2b $\geq$  12)] J4-J7 FILL = “smoking cigars”

2) If cigars are NOT currently used “every day” or “some days  $\geq$  12 days in the past 30 days (from J2b)” AND snuff is used “every day” or “some days  $\geq$  12 days in the past 30 days” [J2a =1 OR (J2a =2 AND J2b $\geq$  12)] J4 - J6 FILL = “using snuff”

3) If cigars and snuff are NOT currently used “every day” or “some days  $\geq$  12 days in the past 30 days” (from J2b)” AND chewing tobacco is used “every day” or “some days  $\geq$  12 days in the past 30 days [J2a =1 OR (J2a =2 AND J2b $\geq$  12)] J4 - J6 FILL = “using chewing tobacco”

4) If cigars and snuff and chewing tobacco are NOT currently used “every day” or “some days  $\geq$  12 days in the past 30 days” [J2a =1 OR (J2a =2 AND J2b $\geq$  12)] AND pipe is used “every day” or “some days  $\geq$  12 days in the past 30 days” [J2a =1 OR (J2a =2 AND J2b $\geq$  12)], J4-J7 FILL = “smoking a pipe”

5) If none of the 4 other tobacco products are currently used “every day” or at least 12 days in the past 30 days for “some day smokers” → **GO TO SECTION JJ**

**J4 During the PAST 12 MONTHS, have you stopped smoking/using [fill entry BOX 39] for one day or longer BECAUSE YOU WERE TRYING TO QUIT?**

- (1) Yes → GO TO J7b  
(2) No →GO TO SECTION JJ

**J7b Thinking back to ANY TIME IN THE PAST 12 MONTHS you tried to QUIT [fill entry BOX 39], did you use a telephone help line or quit line?**

- (1) Yes  
(2) No

**GO TO SECTION JJ**

**SECTION JJ. PENDING HARM-REDUCTION PRODUCTS – CURRENT AND RECENT FORMER SMOKERS**

BOX 40

IF SELF RESPONDENT:

IF A3 = 1 OR 2 →GO TO JJ1

IF A3 = 3 AND H1 <= 5 YEARS (or EQUIVALENT of 60 MONTHS or  
or 260 WEEKS or 1826 DAYS) →GO TO JJ1

ELSE →GO TO SECTION K--- BOX 41

IF PROXY RESPONDENT: →GO TO S78

**JJ 1 Now I'm going to ask about your use of new tobacco products that are sometimes claimed to have fewer harmful chemicals. Have you ever tried a product called...**

(1) Yes

(2) No

- |       |                          |     |                       |
|-------|--------------------------|-----|-----------------------|
| JJ1@1 | <input type="checkbox"/> | (A) | Eclipse?              |
| JJ1@2 | <input type="checkbox"/> | (B) | Accord?               |
| JJ1@3 | <input type="checkbox"/> | (C) | Arriva?               |
| JJ1@4 | <input type="checkbox"/> | (D) | Exalt?                |
| JJ1@5 | <input type="checkbox"/> | (E) | Revel?                |
| JJ1@6 | <input type="checkbox"/> | (F) | Omni?                 |
| JJ1@7 | <input type="checkbox"/> | (G) | Advance?              |
| JJ1@8 | <input type="checkbox"/> | (H) | Marlboro Ultrasmooth? |

[GO TO SECTION K]

**SECTION K. WORKPLACE AND HOME BAN -- ALL RESPONDENTS**

**BOX 41**

IF NOT RETIRED AND HAVE BEEN WORKING FOR PAY OR EMPLOYED IN PAST WEEK AND ARE NOT SELF-EMPLOYED:

IF MONTHLY LABOR FORCE RECORD (MLR) = 1 OR 2 AND:  
IF INDIVIDUAL CLASS OF WORKER CODE ON FIRST JOB (IO1COW)  
= 1, 2, 3, 4, 5, or 10 →GO TO K1  
IF IO1COW = 6, 7, 8, 9, or 11 →GO TO K4  
ELSE →GO TO K4

**K1 Which of these best describes the area in which you work MOST of the time?**

**DO NOT READ:** WORK PLACE QUESTIONS PERTAIN TO THE SAMPLE PERSON'S MAIN JOB. IF EQUAL AMOUNT OF TIME SPENT "INDOORS" AND "OUTDOORS" AT WORK – REPORT ON POLICY WITH RESPECT TO "INDOOR" WORK.  
(READ 1-5 ANSWER CATEGORIES AND CHOOSE ONLY ONE)

- (1) Mainly work indoors
- (2) Mainly work outdoors
- (3) Travel to different buildings or sites
- (4) In a motor vehicle, or
- (5) Somewhere else
- (6) VARIES (DO NOT READ)

□

**BOX 42**

IF K1 = 1 →GO TO K1b; IF K1 = 2, 3, 4 → GO TO K3d  
IF K1 = 5 →GO TO K1SPC;  
ELSE →GO TO K4

**K1SPC Specify:** \_\_\_\_\_ →GO TO K1c

**K1b [FILL "You said that you now work indoors." IF K1 = 1] Do you mainly work in an office building, in your own home, in someone else's home, or in another indoor place?**

- (1) Office building
- (2) Own home
- (3) Someone else's home
- (4) Another indoor place

If K1b = 2 OR 3 GO TO K4; ELSE GO TO K1C

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

| (H) | Help for State Abbreviations

**K2a Does your place of work have an official policy that restricts smoking in any way?**

**DO NOT READ:** “PLACE OF WORK” RESTRICTIONS INCLUDE POLICIES OF THE EMPLOYER, BUILDING OWNER OR ANY GOVERNMENTAL LAWS—THUS “ANY POLICY” AT THE PLACE OF WORK REGARDLESS OF WHO IS RESPONSIBLE FOR IT.

(1) Yes [GO TO K3a]

(2) No [GO TO **K3c**]

**K3a Which of these best describes your place of work's smoking policy for INDOOR PUBLIC OR COMMON AREAS, such as lobbies, rest rooms, and lunch rooms?**

READ THE THREE ANSWER CATEGORIES

(1) Not allowed in ANY public areas

(2) Allowed in SOME public areas

(3) Allowed in ALL public areas

ENTER (4) IF NOT APPLICABLE

[1, 2, 3, OR 4: GO TO K3b]

**K3b Which of these best describes your place of work's smoking policy for WORK AREAS?**

READ THE THREE ANSWER CATEGORIES

(1) Not allowed in ANY work areas

(2) Allowed in SOME work areas

(3) Allowed in ALL work areas

ENTER (4) IF NOT APPLICABLE

[1, 2, 3, OR 4: GO TO K3c]

**K3c During the PAST TWO WEEKS, has anyone smoked in the area in which you work?**

(1) Yes

(2) No

GO TO K3d

**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

GO TO K4

**K4 Which statement best describes the rules about smoking INSIDE YOUR HOME?**

READ ANSWER CATEGORIES

**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.

- (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

[GO TO K6]

**K6 In (READ PLACE LISTED BELOW), do you THINK that smoking SHOULD be allowed in all areas, allowed in some areas, or not allowed at all?**

(READ SENTENCE SUBSTITUTING EACH PLACE LISTED BELOW)

- (1) Allowed in all areas
- (2) Allowed in some area
- (3) Not allowed at all

Restaurants . . . . . ==> \_  
Indoor work areas. . . . . ==> \_  
Bars and cocktail lounges . . . ==> \_  
Indoor sporting events . . . . . ==> \_  
Indoor concerts..... ==> \_  
Outdoor children’s --playgrounds and sports fields . . . . . =. == > \_

GO TO KQTNW

**KQTNW**

I’m going to read you a list of some smoking cessation services to help people stop smoking. Before being contacted for this survey, had you ever heard of:

- (a) Telephone quit lines such as a toll-free number to call for help in quitting smoking
  - (1) Yes
  - (2) No
- (b) 1-800-QUIT-NOW
  - (1) Yes
  - (2) No
- (c) The website [www.smokefree.gov](http://www.smokefree.gov)
  - (1) Yes
  - (2) No

All responses GO TO KOTHQT

**KOTHQT** During the past 12 months, did you encourage a friend or family member to quit smoking?

- (1) YES
- (2) NO

**(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) |

**SINTTP** \*\*\* DO NOT READ \*\*\*

In what language was the interview for this person conducted?

- (1) English
- (2) Spanish
- (3) Chinese
- (4) Korean
- (5) Vietnamese
- (6) Thai (Khormer)
- (7) Other Asian or Asian unspecified
- (8) Other



## ATTACHMENT 9

### INDUSTRY CLASSIFICATION

#### Industry Classification Codes for Detailed Industry (4 digit) (Changes from 2000 Census classification noted)

These categories are aggregated into 52 detailed groups and 14 major groups (see page A-11). The codes in the right hand column are the 2002 NAICS equivalent. Changes from the Census 2000 classification are noted by asterisks (\*).

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, in positions 87-90 of the Person record.

| <b>2002<br/>CENSUS<br/>CODE</b>                    | <b>DESCRIPTION</b>                                       | <b>2002<br/>NAICS<br/>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                 | 2123                           |
| 0480   | 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,<br>2212             |
| 0670   | Water, steam, air-conditioning, and irrigation systems   | 22131, 22133                   |
| 0680   | Sewage treatment facilities                              | 22132                          |
| 0690   | Not specified utilities                                  | Part of 22                     |

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2002  
NAICS  
CODE**

**Construction**

0770 \*\* Construction  
(Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction)

23

**Manufacturing**

**Nondurable Goods manufacturing**

|      |   |                       |
|------|---|-----------------------|
| 1070 | Animal food, grain and oilseed milling                          | 3111, 3112            |
| 1080 | Sugar and confectionery products                                | 3113                  |
| 1090 | Fruit and vegetable preserving and specialty food manufacturing | 3114                  |
| 1170 | Dairy product manufacturing                                     | 3115                  |
| 1180 | Animal slaughtering and processing                              | 3116                  |
| 1190 | Retail bakeries   | 311811                |
| 1270 | Bakeries, except retail   | 3118 exc.<br>311811   |
| 1280 | Seafood and other miscellaneous foods, n.e.c.                   | 3117, 3119            |
| 1290 | Not specified food industries                                   | Part of 311           |
| 1370 | Beverage manufacturing  | 3121                  |
| 1390 | Tobacco manufacturing   | 3122                  |
| 1470 | Fiber, yarn, and thread mills                                   | 3131                  |
| 1480 | Fabric mills, except knitting                                   | 3132 exc.<br>31324    |
| 1490 | Textile and fabric finishing and coating mills                  | 3133                  |
| 1570 | Carpet and rug mills  | 31411                 |
| 1590 | Textile product mills, except carpets and rugs                  | 314 exc.<br>31411     |
| 1670 | Knitting mills  | 31324, 3151           |
| 1680 | Cut and sew apparel manufacturing                               | 3152                  |
| 1690 | Apparel accessories and other apparel manufacturing             | 3159                  |
| 1770 | Footwear manufacturing  | 3162                  |
| 1790 | Leather tanning and products, except footwear manufacturing     | 3161, 3169            |
| 1870 | Pulp, paper, and paperboard mills                               | 3221                  |
| 1880 | Paperboard containers and boxes                                 | 32221                 |
| 1890 | Miscellaneous paper and pulp products                           | 32222,32223,<br>32229 |
| 1990 | Printing and related support activities                         | 3231                  |
| 2070 | Petroleum refining  | 32411                 |
| 2090 | Miscellaneous petroleum and coal products                       | 32419                 |
| 2170 | Resin, synthetic rubber and fibers, and filaments manufacturing | 3252                  |
| 2180 | Agricultural chemical manufacturing                             | 3253                  |
| 2190 | Pharmaceutical and medicine manufacturing                       | 3254                  |
| 2270 | Paint, coating, and adhesive manufacturing B46                  | 3255                  |
| 2280 | Soap, cleaning compound, and cosmetics manufacturing            | 3256                  |
| 2290 | Industrial and miscellaneous chemicals                          | 3251, 3259            |
| 2370 | Plastics product manufacturing                                  | 3261                  |
| 2380 | Tire manufacturing  | 32621                 |
| 2390 | Rubber products, except tires, manufacturing                    | 32622, 32629          |

| 2002<br>CENSUS<br>CODE             | DESCRIPTION  | 2002<br>NAICS<br>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<br>332995   |
| 2980                               | Miscellaneous fabricated metal products manufacturing                          | 3325, 3326,<br>3329 exc.<br>332992,<br>332993,<br>332994,<br>332995 |
| 2990                               | Not specified metal industries   | Part of 331<br>and 332  |
| 3070                               | Agricultural implement manufacturing   | 33311   |
| 3080                               | Construction, mining and oil field machinery manufacturing                     | 33312, 33313  |
| 3090                               | 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.  | 3332, 3334,<br>3339   |
| 3290                               | Not specified machinery manufacturing  | Part of 333   |
| 3360                               | Computer and peripheral equipment manufacturing                                | 3341  |
| 3370                               | Communications, audio, and video equipment manufacturing                       | 3342, 3343  |
| 3380                               | Navigational, measuring, electromedical, and control instruments manufacturing | 3345  |
| 3390                               | Electronic component and product manufacturing, n.e.c.                         | 3344, 3346  |
| 3470                               | Household appliance manufacturing  | 3352  |
| 3490                               | Electrical lighting, equipment, and supplies manufacturing, n.e.c.             | 3351, 3353,<br>3359   |
| 3570                               | Motor vehicles and motor vehicle equipment manufacturing                       | 3361, 3362,<br>3363   |
| 3580                               | Aircraft and parts manufacturing   | 336411 to<br>336413   |
| 3590                               | Aerospace products and parts manufacturing                                     | 336414,<br>336415,<br>336419  |
| 3670                               | Railroad rolling stock manufacturing   | 3365  |
| 3680                               | Ship and boat building   | 3366  |

| <b>2002<br/>CENSUS<br/>CODE</b>   | <b>DESCRIPTION</b>  | <b>2002<br/>NAICS<br/>CODE</b> |
|-----------------------------------|---|--------------------------------|
| 3690                              | Other transportation equipment manufacturing                                    | 3369                           |
| 3770                              | Sawmills and wood preservation  | 3211                           |
| 3780                              | Veneer, plywood, and engineered wood products                                   | 3212                           |
| 3790                              | Prefabricated wood buildings and mobile homes                                   | 321991,<br>321992              |
| 3870                              | Miscellaneous wood products   | 3219 exc.<br>321991,<br>321992 |
| 3890                              | Furniture and related product manufacturing                                     | 337                            |
| 3960                              | Medical equipment and supplies manufacturing                                    | 3391                           |
| 3970                              | Toys, amusement, and sporting goods manufacturing                               | 33992, 33993                   |
| 3980                              | Miscellaneous manufacturing, n.e.c.   | 3399 exc.<br>33992, 33993      |
| 3990                              | Not specified manufacturing industries  | Part of 31,<br>32, 33          |
| <b>Wholesale Trade</b>            |   |                                |
| <b>Durable Goods Wholesale</b>    |   |                                |
| 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                          |
| 4190                              | ** Electrical goods, merchant wholesalers                                       | *4236                          |
| 4260                              | ** Hardware, plumbing and heating equipment, and supplies, merchant wholesalers | *4237                          |
| 4270                              | ** Machinery, equipment, and supplies, merchant wholesalers                     | *4238                          |
| 4280                              | ** Recyclable material, merchant wholesalers                                    | *42393                         |
| 4290                              | ** Miscellaneous durable goods, merchant wholesalers                            | *4239 exc.<br>42393            |
| <b>Nondurable Goods Wholesale</b> |   |                                |
| 4370                              | ** Paper and paper products, merchant wholesalers                               | *4241                          |
| 4380                              | ** Drugs, sundries, and chemical and allied products, merchant wholesalers      | *4242, 4246                    |
| 4390                              | ** Apparel, fabrics, and notions, merchant wholesalers                          | *4243                          |
| 4470                              | ** Groceries and related products, merchant wholesalers                         | *4244                          |
| 4480                              | ** Farm product raw materials, merchant wholesalers                             | *4245                          |
| 4490                              | ** Petroleum and petroleum products, merchant wholesalers                       | *4247                          |
| 4560                              | ** Alcoholic beverages, merchant wholesalers                                    | *4248                          |
| 4570                              | ** Farm supplies, merchant wholesalers  | *42491                         |
| 4580                              | ** Miscellaneous nondurable goods, merchant wholesalers                         | *4249 exc.<br>42491            |
| * 4585                            | *** Wholesale electronic markets, agents and brokers                            | New industry<br>*4251          |
| 4590                              | **Not specified wholesale trade   | Part of 42                     |

| 2002<br>CENSUS<br>CODE | DESCRIPTION                                      | 2002<br>NAICS<br>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                  |
| 4790                   | Radio, TV, and computer stores                   | 443112,<br>44312        |
| 4870                   | Building material and supplies dealers           | 4441 exc.<br>44413      |
| 4880                   | Hardware stores                                  | 44413                   |
| 4890                   | Lawn and garden equipment and supplies stores    | 4442                    |
| 4970                   | Grocery stores                                   | 4451                    |
| 4980                   | Specialty food stores                            | 4452                    |
| 4990                   | Beer, wine, and liquor stores                    | 4453                    |
| 5070                   | Pharmacies and drug stores                       | 4461                    |
| 5080                   | Health and personal care, except drug, stores    | 446 exc.<br>44611       |
| 5090                   | Gasoline stations                                | 447                     |
| 5170                   | Clothing and accessories, except shoe, stores    | 448 exc.<br>44821, 4483 |
| 5180                   | Shoe stores                                      | 44821                   |
| 5190                   | Jewelry, luggage, and leather goods stores       | 4483                    |
| 5270                   | Sporting goods, camera, and hobby and toy stores | 44313, 45111,<br>45112  |
| 5280                   | Sewing, needlework, and piece goods stores       | 45113                   |
| 5290                   | 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                          | New industry<br>*454111 |
| * 5591                 | *** Electronic auctions                          | New industry<br>*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          |

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2002  
NAICS  
CODE**

**Transportation and Warehousing**

|      |                                       |                                    |
|------|---------------------------------------|------------------------------------|
| 6070 | Air transportation                    | 481                                |
| 6080 | Rail transportation                   | 482                                |
| 6090 | Water transportation                  | 483                                |
| 6170 | Truck transportation                  | 484                                |
| 6180 | Bus service and urban transit         | 4851, 4852,<br>4854, 4855,<br>4859 |
| 6190 | Taxi and limousine service            | 4853                               |
| 6270 | Pipeline transportation               | 486                                |
| 6280 | Scenic and sightseeing transportation | 487                                |
| 6290 | Services incidental to transportation | 488                                |
| 6370 | Postal Service                        | 491                                |
| 6380 | Couriers and messengers               | 492                                |
| 6390 | Warehousing and storage               | 493                                |

**Information**

|        |   |                         |
|--------|---|-------------------------|
| 6470   | **Newspaper publishers                              | 51111                   |
| 6480   | **Publishing, except newspapers and software        | 5111 exc.<br>51111      |
| 6490   | Software publishing                                 | 5112                    |
| 6570   | Motion pictures and video industries                | 5121                    |
| 6590   | Sound recording industries                          | 5122                    |
| 6670   | Radio and television broadcasting and cable         | 5151, 5152,<br>5175     |
| * 6675 | *** Internet publishing and broadcasting            | New industry<br>*5161   |
| 6680   | Wired telecommunications carriers                   | *5171                   |
| 6690   | Other telecommunications services                   | *517 exc.<br>5171, 5175 |
| * 6692 | *** Internet service providers                      | New industry<br>*5181   |
| * 6695 | **** Data processing, hosting, and related services | *5182                   |
| 6770   | Libraries and archives                              | *51912                  |
| 6780   | Other information services                          | *5191 exc.<br>51912     |

***Finance, Insurance, Real Estate, and Rental and Leasing***  
**Finance and Insurance**

|      |   |                     |
|------|---|---------------------|
| 6870 | Banking and related activities  | 521,52211,<br>52219 |
| 6880 | Savings institutions, including credit unions                           | 52212, 52213        |
| 6890 | Non-depository credit and related activities                            | 5222, 5223          |
| 6970 | Securities, commodities, funds, trusts, and other financial investments | 523, 525            |
| 6990 | Insurance carriers and related activities                               | 524                 |

| <b>2002<br/>CENSUS<br/>CODE</b>  | <b>DESCRIPTION</b>   | <b>2002<br/>NAICS<br/>CODE</b> |
|--|--|--------------------------------|
| <b>Real Estate and Rental and Leasing</b>  |  |                                |
| 7070   | Real estate  | 531                            |
| 7080   | Automotive equipment rental and leasing                                  | 5321                           |
| 7170   | Video tape and disk rental   | 53223                          |
| 7180   | Other consumer goods rental  | 53221, 53222,<br>53229, 5323   |
| 7190   | Commercial, industrial, and other intangible assets rental and leasing   | 5324, 533                      |
| <br><i>Professional, Scientific, Management, Administrative, and Waste management services</i> |  |                                |
| <b>Professional, Scientific, and Technical Services</b>  |  |                                |
| 7270   | Legal services   | 5411                           |
| 7280   | Accounting, tax preparation, bookkeeping, and payroll services           | 5412                           |
| 7290   | Architectural, engineering, and related services                         | 5413                           |
| 7370   | Specialized design services  | 5414                           |
| 7380   | Computer systems design and related services                             | 5415                           |
| 7390   | Management, scientific, and technical consulting services                | 5416                           |
| 7460   | Scientific research and development services                             | 5417                           |
| 7470   | Advertising and related services   | 5418                           |
| 7480   | Veterinary services  | 54194                          |
| 7490   | Other professional, scientific, and technical services                   | 5419 exc.<br>54194             |
| <br><b>Management, Administrative and Support, and Waste Management Services</b>               |  |                                |
| <i>Management of companies and enterprises</i>   |  |                                |
| 7570   | Management of companies and enterprises                                  | 551                            |
| <br><i>Administrative and support and waste management services</i>                            |  |                                |
| 7580   | Employment services  | 5613                           |
| 7590   | Business support services  | 5614                           |
| 7670   | Travel arrangements and reservation services                             | 5615                           |
| 7680   | Investigation and security services                                      | 5616                           |
| 7690   | ** Services to buildings and dwellings                                   | 5617 exc.<br>56173             |
|  | (except cleaning during construction and immediately after construction) |                                |
| 7770   | Landscaping services   | 56173                          |
| 7780   | Other administrative and other support services                          | 5611, 5612,<br>5619            |
| 7790   | Waste management and remediation services                                | 562                            |

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2002  
NAICS  
CODE**

*Educational, Health and Social Services*

**Educational Services**

|      |  |            |
|------|--|------------|
| 7860 | Elementary and secondary schools                     | 6111       |
| 7870 | Colleges and universities, including junior colleges | 6112, 6113 |
| 7880 | Business, technical, and trade schools and training  | 6114, 6115 |
| 7890 | Other schools, instruction, and educational services | 6116, 6117 |

**Health Care and Social Assistance**

|      |  |                           |
|------|--|---------------------------|
| 7970 | Offices of physicians                              | 6211                      |
| 7980 | Offices of dentists                                | 6212                      |
| 7990 | Offices of chiropractors                           | 62131                     |
| 8070 | Offices of optometrists                            | 62132                     |
| 8080 | Offices of other health practitioners              | 6213 exc.<br>62131, 62132 |
| 8090 | Outpatient care centers                            | 6214                      |
| 8170 | Home health care services                          | 6216                      |
| 8180 | Other health care services                         | 6215, 6219                |
| 8190 | Hospitals  | 622                       |
| 8270 | Nursing care facilities                            | 6231                      |
| 8290 | Residential care facilities, without nursing       | 6232, 6233,<br>6239       |
| 8370 | Individual and family services                     | 6241                      |
| 8380 | Community food and housing, and emergency services | 6242                      |
| 8390 | Vocational rehabilitation services                 | 6243                      |
| 8470 | Child day care services                            | 6244                      |

*Arts, Entertainment, Recreation, Accommodation, and Food Services*

**Arts, Entertainment, and Recreation**

|      |  |                   |
|------|--|-------------------|
| 8560 | Independent artists, performing arts, spectator sports, and related industries | 711               |
| 8570 | Museums, art galleries, historical sites, and similar institutions             | 712               |
| 8580 | Bowling centers  | 71395             |
| 8590 | Other amusement, gambling, and recreation industries                           | 713 exc.<br>71395 |

**Accommodation and Food Services**

|      |   |               |
|------|---|---------------|
| 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>2002<br/>CENSUS<br/>CODE</b>                      | <b>DESCRIPTION</b>   | <b>2002<br/>NAICS<br/>CODE</b>       |
|--|--|--------------------------------------|
| <b>Other Services (Except Public Administration)</b> |  |                                      |
| 8770   | Automotive repair and maintenance  | 8111 exc.<br>811192                  |
| 8780   | Car washes   | 811192                               |
| 8790   | Electronic and precision equipment repair and maintenance                  | 8112                                 |
| 8870   | Commercial and industrial machinery and equipment repair and maintenance   | 8113                                 |
| 8880   | Personal and household goods repair and maintenance                        | 8114 exc.<br>81143                   |
| 8890   | Footwear and leather goods repair  | 81143                                |
| 8970   | Barber shops   | 812111                               |
| 8980   | Beauty salons  | 812112                               |
| 8990   | Nail salons and other personal care services                               | 812113,<br>81219                     |
| 9070   | Drycleaning 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 grantmaking and giving services | 8132, 8133,<br>8134                  |
| 9180   | Labor unions   | 81393                                |
| 9190   | Business, professional, political, and similar organizations               | 8139 exc.<br>81393                   |
| 9290   | Private households   | 814                                  |
| <b>Public Administration</b>                         |  |                                      |
| 9370   | Executive offices and legislative bodies                                   | 92111, 92112,<br>92114, pt.<br>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                                | 928                                  |
| <b>Armed Forces</b>                                  |  |                                      |
| 9890   | Armed Forces   |                                      |

\* **Code changed from 2000** (In addition to adding of fourth digit)

\*\* **Industry content changed from 2000, name may have changed**

\*\*\* **New industry**

\*\*\*\* **Industry name changed, Content did not**

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 157-158.

| 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                        | 3360 - 3390                |
| 9    | Electrical equipment, appliance manufacturing           | 3470, 3490                 |
| 10   | Transportation equipment manufacturing                  | 3570 - 3690                |
| 11   | Wood products   | 3770 - 3870                |
| 12   | Furniture and fixtures manufacturing                    | 3890                       |
| 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,<br>8270, 8290 |

| <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 155-156

| <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,<br>0570-0690 |
| 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                    |

## ATTACHMENT 10

### OCCUPATION CLASSIFICATION

(Beginning January 2003)

These categories are aggregated into 23 detailed groups and 11 major groups (see page B-15). The codes in the right hand column are the 2002 NAICS equivalent. Changes from the Census 2000 classification are noted by an asterisk (\*).

These codes correspond to Items PEIO1OCD and PEIO2OCD in positions 860-863 and 868-871 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item PEIOOCC, and are located in positions 91-94 of the Persons Record.

| 2002<br>CENSUS<br>CODE        | DESCRIPTION   | 2000<br>SOC<br>CODE |
|-------------------------------|---|---------------------|
| <b>Management Occupations</b> |   |                     |
| 0010                          | Chief executives  | 11-1011             |
| 0020                          | General and operations managers                           | 11-1021             |
| 0040                          | Advertising and promotions managers                       | 11-2011             |
| 0050                          | Marketing and sales managers                              | 11-2020             |
| 0060                          | Public relations managers                                 | 11-2031             |
| 0100                          | Administrative services managers                          | 11-3011             |
| 0110                          | Computer and information systems managers                 | 11-3021             |
| 0120                          | Financial managers  | 11-3031             |
| 0130                          | Human resources managers                                  | 11-3040             |
| 0140                          | Industrial production managers                            | 11-3051             |
| 0150                          | Purchasing managers                                       | 11-3061             |
| 0160                          | Transportation, storage, and distribution managers        | 11-3071             |
| 0200                          | Farm, ranch, and other agricultural managers              | 11-9011             |
| 0210                          | Farmers and ranchers                                      | 11-9012             |
| 0220                          | Construction managers                                     | 11-9021             |
| 0230                          | Education administrators                                  | 11-9030             |
| 0300                          | Engineering managers                                      | 11-9041             |
| 0310                          | Food service managers                                     | 11-9051             |
| 0320                          | Funeral directors   | 11-9061             |
| 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             |
| 0430                          | Managers, all other                                       | 11-9199             |

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2000  
SOC  
CODE**

**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 |
| 0560 | Compliance officers, except agriculture, construction, health and safety, and transportation | 13-1041 |
| 0600 | Cost estimators  | 13-1051 |
| 0620 | Human resources, training, and labor relations specialists                                   | 13-1070 |
| 0700 | Logisticians   | 13-1081 |
| 0710 | Management analysts  | 13-1111 |
| 0720 | Meeting and convention planners  | 13-1121 |
| 0730 | Other business operations specialists  | 13-11XX |

**Financial Specialists**

|      |   |         |
|------|---|---------|
| 0800 | Accountants and auditors                      | 13-2011 |
| 0810 | Appraisers and assessors of real estate       | 13-2021 |
| 0820 | Budget analysts                               | 13-2031 |
| 0830 | Credit analysts                               | 13-2041 |
| 0840 | Financial analysts                            | 13-2051 |
| 0850 | Personal financial advisors                   | 13-2052 |
| 0860 | Insurance underwriters                        | 13-2053 |
| 0900 | Financial examiners                           | 13-2061 |
| 0910 | Loan counselors and officers                  | 13-2070 |
| 0930 | Tax examiners, collectors, and revenue agents | 13-2081 |
| 0940 | Tax preparers                                 | 13-2082 |
| 0950 | Financial specialists, all other              | 13-2099 |

**Computer and Mathematical Occupations**

|      |  |         |
|------|--|---------|
| 1000 | Computer scientists and systems analysts         | 15-10XX |
| 1010 | Computer programmers                             | 15-1021 |
| 1020 | Computer software engineers                      | 15-1030 |
| 1040 | Computer support specialists                     | 15-1041 |
| 1060 | Database administrators                          | 15-1061 |
| 1100 | Network and computer systems administrators      | 15-1071 |
| 1110 | Network systems and data communications analysts | 15-1081 |
| 1200 | Actuaries  | 15-2011 |
| 1210 | Mathematicians                                   | 15-2021 |
| 1220 | Operations research analysts                     | 15-2031 |
| 1230 | Statisticians                                    | 15-2041 |
| 1240 | Miscellaneous mathematical science occupations   | 15-2090 |

| <b>2002<br/>CENSUS<br/>CODE</b>                       | <b>DESCRIPTION</b>   | <b>2000<br/>SOC<br/>CODE</b> |
|---|--|------------------------------|
| <b>Architecture and Engineering Occupations</b>       |  |                              |
| 1300  | Architects, except naval   | 17-1010                      |
| 1310  | Surveyors, cartographers, and photogrammetrists                    | 17-1020                      |
| 1320  | Aerospace engineers  | 17-2011                      |
| 1330  | Agricultural engineers   | 17-2021                      |
| 1340  | Biomedical engineers   | 17-2031                      |
| 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                      |
| <b>Life, Physical, and Social Science Occupations</b> |  |                              |
| 1600  | Agricultural and food scientists                                   | 19-1010                      |
| 1610  | Biological scientists  | 19-1020                      |
| 1640  | Conservation scientists and foresters                              | 19-1030                      |
| 1650  | Medical scientists   | 19-1040                      |
| 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                      |
| 1810  | Market and survey researchers                                      | 19-3020                      |
| 1820  | Psychologists  | 19-3030                      |
| 1830  | Sociologists   | 19-3041                      |
| 1840  | Urban and regional planners  | 19-3051                      |
| 1860  | Miscellaneous social scientists and related workers                | 19-3090                      |
| 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                      |
| 1940  | Nuclear technicians  | 19-4051                      |
| 1960  | Other life, physical, and social science technicians               | 19-40XX                      |

| <b>2002<br/>CENSUS<br/>CODE</b>                                   | <b>DESCRIPTION</b>   | <b>2000<br/>SOC<br/>CODE</b> |
|---|--|------------------------------|
| <b>Community and Social Services Occupations</b>                  |  |                              |
| 2000  | Counselors   | 21-1010                      |
| 2010  | Social workers   | 21-1020                      |
| 2020  | Miscellaneous community and social service specialists             | 21-1090                      |
| 2040  | Clergy   | 21-2011                      |
| 2050  | Directors, religious activities and education                      | 21-2021                      |
| 2060  | Religious workers, all other                                       | 21-2099                      |
| <b>Legal Occupations</b>  |  |                              |
| 2100  | Lawyers, Judges, magistrates, and other judicial workers           | 23-1011                      |
| 2140  | Paralegals and legal assistants                                    | 23-2011                      |
| 2150  | Miscellaneous legal support workers                                | 23-2090                      |
| <b>Education, Training, and Library Occupations</b>               |  |                              |
| 2200  | Postsecondary teachers   | 25-1000                      |
| 2300  | Preschool and kindergarten teachers                                | 25-2010                      |
| 2310  | Elementary and middle school teachers                              | 25-2020                      |
| 2320  | Secondary school teachers  | 25-2030                      |
| 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                      |
| <b>Arts, Design, Entertainment, Sports, and Media Occupations</b> |  |                              |
| 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                      |
| 2820  | 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    | 27-4010                      |



| <b>2002<br/>CENSUS<br/>CODE</b>                           | <b>DESCRIPTION</b>   | <b>2000<br/>SOC<br/>CODE</b> |
|---|--|------------------------------|
| 2910  | Photographers  | 27-4021                      |
| 2920  | Television, video, and motion picture camera operators and editors | 27-4030                      |
| 2960  | Media and communication equipment workers, all other               | 27-4099                      |
| <b>Healthcare Practitioners and Technical Occupations</b> |  |                              |
| 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                      |
| 3120  | Podiatrists  | 29-1081                      |
| 3130  | Registered nurses  | 29-1111                      |
| 3140  | Audiologists   | 29-1121                      |
| 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                      |
| 3240  | Therapists, all other  | 29-1129                      |
| 3250  | Veterinarians  | 29-1131                      |
| 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                      |
| 3410  | 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                      |
| 3530  | Miscellaneous health technologists and technicians                 | 29-2090                      |
| 3540  | Other healthcare practitioners and technical occupations           | 29-9000                      |
| <b>Healthcare Support Occupations</b>                     |  |                              |
| 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                      |
| 3650  | Medical assistants and other healthcare support occupations        | 31-909X                      |

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2000  
SOC  
CODE**

**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 |
| 3830 | Fish and game wardens   | 33-3031 |
| 3840 | Parking enforcement workers   | 33-3041 |
| 3850 | Police and sheriff's patrol officers                                    | 33-3051 |
| 3860 | Transit and railroad police   | 33-3052 |
| 3900 | Animal control workers  | 33-9011 |
| 3910 | Private detectives and investigators                                    | 33-9021 |
| 3920 | Security guards and gaming surveillance officers                        | 33-9030 |
| 3940 | Crossing guards   | 33-9091 |
| 3950 | Lifeguards and 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 | 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 |
| 4160 | Food preparation and serving related workers, all other                 | 35-9099 |

**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 |

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2000  
SOC  
CODE**

**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 | Funeral service workers                                     | 39-4000 |
| 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                                      | 39-6020 |
| 4550 | Transportation attendants                                   | 39-6030 |
| 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 |
| 4960 | Sales and related workers, all other                                     | 41-9099 |

**2002  
CENSUS  
CODE****DESCRIPTION****2000  
SOC  
CODE****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 |
| 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 |
| 5200 | Brokerage clerks   | 43-4011 |
| 5210 | Correspondence clerks  | 43-4021 |
| 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 | Order clerks   | 43-4151 |
| 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 |
| 5830 | Desktop publishers   | 43-9031 |
| 5840 | Insurance claims and policy processing clerks                                | 43-9041 |

| <b>2002<br/>CENSUS<br/>CODE</b> | <b>DESCRIPTION</b>  | <b>2000<br/>SOC<br/>CODE</b> |
|---------------------------------|---|------------------------------|
| 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                      |
| 5930                            | Office and administrative support workers, all other          | 43-9199                      |

### **Farming, Fishing, and Forestry Occupations**

|      |   |         |
|------|---|---------|
| 6000 | First-line supervisors/managers of farming, fishing, and forestry workers | 45-1010 |
| 6010 | Agricultural inspectors   | 45-2011 |
| 6020 | Animal breeders   | 45-2021 |
| 6040 | Graders and sorters, agricultural products                                | 45-2041 |
| 6050 | Miscellaneous agricultural workers  | 45-2090 |
| 6100 | Fishers and related fishing workers                                       | 45-3011 |
| 6110 | Hunters and trappers  | 45-3021 |
| 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 |
| 6310 | Pile-driver operators   | 47-2072 |
| 6320 | Operating engineers and other construction equipment operators                | 47-2073 |
| 6330 | Drywall installers, ceiling tile installers, and tapers                       | 47-2080 |
| 6350 | Electricians  | 47-2111 |
| 6360 | Glaziers  | 47-2121 |
| 6400 | Insulation workers  | 47-2130 |
| 6420 | Painters, construction and maintenance  | 47-2141 |
| 6430 | Paperhangers  | 47-2142 |
| 6440 | Pipelayers, plumbers, pipefitters, and steamfitters                           | 47-2150 |
| 6460 | Plasterers and stucco masons  | 47-2161 |
| 6500 | Reinforcing iron and rebar workers  | 47-2171 |
| 6510 | 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 |

| <b>2002<br/>CENSUS<br/>CODE</b>                      | <b>DESCRIPTION</b>  | <b>2000<br/>SOC<br/>CODE</b> |
|--|---|------------------------------|
| 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                      |
| 6760   | Miscellaneous construction and related workers                                  | 47-4090                      |
| <b>Extraction Workers</b>                            |   |                              |
| 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                      |
| 6910   | Roof bolters, mining  | 47-5061                      |
| 6920   | Roustabouts, oil and gas  | 47-5071                      |
| 6930   | Helpers--extraction workers   | 47-5081                      |
| 6940   | Other extraction workers  | 47-50XX                      |
| <b>Installation, Maintenance, and Repair Workers</b> |   |                              |
| 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                      |
| 7050   | Electrical and electronics installers and repairers, transportation equipment   | 49-2093                      |
| 7100   | Electrical and electronics repairers, 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                      |
| 7310   | 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   | 49-9042                      |
| 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                      |

| <b>2002<br/>CENSUS<br/>CODE</b> | <b>DESCRIPTION</b>   | <b>2000<br/>SOC<br/>CODE</b> |
|---------------------------------|--|------------------------------|
| 7510                            | Coin, vending, and amusement machine servicers and repairers | 49-9091                      |
| 7520                            | Commercial divers  | 49-9092                      |
| 7540                            | Locksmiths and safe repairers                                | 49-9094                      |
| 7550                            | Manufactured building and mobile home installers             | 49-9095                      |
| 7560                            | Riggers  | 49-9096                      |
| 7600                            | Signal and track switch repairers                            | 49-9097                      |
| 7610                            | Helpers--installation, maintenance, and repair workers       | 49-9098                      |
| 7620                            | Other installation, maintenance, and repair workers          | 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 |
| 7900 | Computer control programmers and operators  | 51-4010 |
| 7920 | Extruding and drawing machine setters, operators, and tenders, metal and plastic                          | 51-4021 |
| 7930 | Forging machine setters, operators, and tenders, metal and plastic  | 51-4022 |
| 7940 | Rolling machine setters, operators, and tenders, metal and plastic  | 51-4023 |
| 7950 | Cutting, punching, and press machine setters, operators, and tenders, metal and plastic                   | 51-4031 |
| 7960 | Drilling and boring machine tool setters, operators, and tenders, metal and plastic                       | 51-4032 |
| 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 |
| 8020 | Milling and planing machine setters, operators, and tenders, metal and plastic                            | 51-4035 |
| 8030 | Machinists  | 51-4041 |
| 8040 | Metal furnace and kiln operators and tenders  | 51-4050 |
| 8060 | Model makers and patternmakers, metal and plastic   | 51-4060 |
| 8100 | Molders and molding machine setters, operators, and tenders, metal and plastic                            | 51-4070 |
| 8120 | Multiple machine tool setters, operators, and tenders, metal and plastic                                  | 51-4081 |
| 8130 | Tool and die makers   | 51-4111 |
| 8140 | Welding, soldering, and brazing workers   | 51-4120 |
| 8150 | Heat treating equipment setters, operators, and tenders, metal and plastic                                | 51-4191 |
| 8160 | Lay-out workers, metal and plastic  | 51-4192 |
| 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   | 51-4199 |
| 8230 | Bookbinders and bindery workers   | 51-5010 |
| 8240 | Job printers  | 51-5021 |
| 8250 | Prepress technicians and workers  | 51-5022 |

| <b>2002<br/>CENSUS<br/>CODE</b> | <b>DESCRIPTION</b>  | <b>2000<br/>SOC<br/>CODE</b> |
|---------------------------------|---|------------------------------|
| 8260                            | Printing machine operators  | 51-5023                      |
| 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                      |
| 8340                            | Shoe machine operators and tenders  | 51-6042                      |
| 8350                            | Tailors, dressmakers, and sewers  | 51-6050                      |
| 8360                            | Textile bleaching and dyeing machine operators and tenders                                | 51-6061                      |
| 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                      |
| 8430                            | Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers | 51-6091                      |
| 8440                            | Fabric and apparel patternmakers  | 51-6092                      |
| 8450                            | Upholsterers  | 51-6093                      |
| 8460                            | Textile, apparel, and furnishings workers, all other                                      | 51-6099                      |
| 8500                            | Cabinetmakers and bench carpenters  | 51-7011                      |
| 8510                            | Furniture finishers   | 51-7021                      |
| 8520                            | Model makers and patternmakers, wood  | 51-7030                      |
| 8530                            | Sawing machine setters, operators, and tenders, wood                                      | 51-7041                      |
| 8540                            | Woodworking machine setters, operators, and tenders, except sawing                        | 51-7042                      |
| 8550                            | Woodworkers, all other  | 51-7099                      |
| 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                      |
| 8840                            | Semiconductor processors  | 51-9141                      |
| 8850                            | Cementing and gluing machine operators and tenders  | 51-9191                      |
| 8860                            | Cleaning, washing, and metal pickling equipment operators and tenders                     | 51-9192                      |
| 8900                            | Cooling and freezing equipment operators and tenders                                      | 51-9193                      |
| 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                      |
| 8960                            | Production workers, all other   | 51-9199                      |



**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2000  
SOC  
CODE**

**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 |
| 9230 | Railroad brake, signal, and switch operators                           | 53-4021 |
| 9240 | Railroad conductors and yardmasters                                    | 53-4031 |
| 9260 | Subway, streetcar, and other rail transportation workers               | 53-30XX |
| 9300 | Sailors and marine oilers  | 53-5011 |
| 9310 | Ship and boat captains and operators                                   | 53-5020 |
| 9330 | Ship engineers   | 53-5031 |
| 9340 | Bridge and lock tenders  | 53-6011 |
| 9350 | Parking lot attendants   | 53-6021 |
| 9360 | Service station attendants   | 53-6031 |
| 9410 | Transportation inspectors  | 53-6051 |
| 9420 | Other transportation workers   | 53-60XX |
| 9500 | Conveyor operators and tenders   | 53-7011 |
| 9510 | Crane and tower operators  | 53-7021 |
| 9520 | Dredge, excavating, and loading machine operators                      | 53-7030 |
| 9560 | Hoist and winch operators  | 53-7041 |
| 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 |
| 9730 | Shuttle car operators  | 53-7111 |
| 9740 | Tank car, truck, and ship loaders                                      | 53-7121 |
| 9750 | Material moving workers, all other                                     | 53-7199 |

**Armed Forces**

\*9840 Armed Forces

\* Code change from 2000

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             | 1600-1960       |
| 6    | Community and social service occupation                    | 2000-2060       |
| 7    | Legal occupations  | 2100-2150       |
| 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                             | 3600-3650       |
| 12   | Protective service occupations                             | 3700-3950       |
| 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                              | 4700-4960       |
| 17   | Office and administrative support occupations              | 5000-5930       |
| 18   | Farming, fishing, and forestry occupations                 | 6000-6130       |
| 19   | Construction and extraction occupations                    | 6200-6940       |
| 20   | Installation, maintenance, and repair occupations          | 7000-7620       |
| 21   | Production occupations                                     | 7700-8960       |
| 22   | Transportation and material moving occupations             | 9000-9750       |
| 23   | Armed Forces   | 9840            |

Major Occupation Group Recodes  
(01-11)

These codes correspond to Items PRMJOC1 and PRMJOC2 located in positions 486-489 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJOCC 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                     | 4700-4960              |
| 5           | Office and administrative support occupations     | 5000-5930              |
| 6           | Farming, fishing, and forestry occupations        | 6000-6130              |
| 7           | Construction and extraction occupations           | 6200-6940              |
| 8           | Installation, maintenance, and repair occupations | 7000-7620              |
| 9           | Production occupations                            | 7700-8960              |
| 10          | Transportation and material moving occupations    | 9000-9750              |
| 11          | Armed Forces                                      | 9840                   |

## **ATTACHMENT 11**

### Specific Metropolitan Identifiers

#### **(Geographic Attachment for CPS Public Use File Documentation Beginning August 2005)**

- 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 June 30, 2003 OMB definitions.

## LIST 1: FIPS METROPOLITAN AREA (CBSA) CODES

Unless otherwise noted, Metropolitan Areas are defined using June 30, 2003 OMB definitions. In the New England states, the New England City and Town Area definitions are used to define Metropolitan Areas rather than the county based definitions.

| FIPS Code | Metropolitan (CBSA) TITLE  |
|-----------|--|
| 10500     | Albany, GA (Baker, Terrell, and Worth Counties not in sample)  |
| 10580     | Albany-Schenectady-Troy, NY  |
| 10740     | Albuquerque, NM  |
| 10900     | Allentown-Bethlehem-Easton, PA-NJ  |
| 11020     | Altoona, PA  |
| 11100     | Amarillo, TX (Armstrong and Carson Counties not in sample)   |
| 11300     | Anderson, IN   |
| 11340     | Anderson, SC   |
| 11460     | Ann Arbor, MI  |
| 11500     | Anniston-Oxford, AL  |
| 11540     | Appleton, WI   |
| 11700     | Asheville, NC (Haywood and Madison Counties not in sample)   |
| 12020     | Athens-Clarke County, GA (Oglethorpe County not in sample)   |
| 12060     | Atlanta-Sandy Springs-Marietta, GA (Haralson, Heard, Jasper, Meriwether and Spalding Counties not in sample) |
| 12100     | Atlantic City, NJ  |
| 12260     | Augusta-Richmond County, GA-SC   |
| 12420     | Austin-Round Rock, TX  |
| 12540     | Bakersfield, CA  |
| 12580     | Baltimore-Towson, MD   |
| 12940     | Baton Rouge, LA  |
| 13140     | Beaumont-Port Arthur, TX   |
| 13380     | Bellingham, WA   |
| 13460     | Bend, OR   |
| 13740     | Billings, MT (Carbon County not in sample)   |
| 13780     | Binghamton, NY   |
| 13820     | Birmingham-Hoover, AL  |
| 14020     | Bloomington, IN (Owen County not in sample)  |
| 14060     | Bloomington-Normal IL  |
| 14260     | Boise City-Nampa, ID (Owyhee County not in sample)   |
| 14500     | Boulder, CO  |
| 14540     | Bowling Green, KY  |
| 14740     | Bremerton-Silverdale, WA   |
| 15180     | Brownsville-Harlingen, TX  |
| 15380     | Buffalo-Niagara Falls, NY  |
| 15940     | Canton-Massillon, OH   |

| FIPS Code | Metropolitan (CBSA) TITLE   |
|-----------|---|
| 15980     | Cape Coral-Fort Myers, FL   |
| 16300     | Cedar Rapids, IA (Benton and Jones Counties not in sample)  |
| 16580     | Champaign-Urbana, IL (Ford County not in sample)  |
| 16620     | Charleston, WV (Clay County not in sample)  |
| 16700     | Charleston-North Charleston, SC   |
| 16740     | Charlotte-Gastonia-Concord, NC-SC (Anson County, NC not in sample)  |
| 16860     | Chattanooga, TN-GA  |
| 16980     | Chicago-Naperville-Joliet, IL-IN-WI (DeKalb, IL; Jasper, IN; and Kenosha, WI Counties not in sample)                |
| 17020     | Chico, CA   |
| 17140     | Cincinnati-Middletown, OH-KY-IN (Franklin County , IN not in sample; Dearborn and Ohio Counties, IN not identified) |
| 17460     | Cleveland-Elyria-Mentor, OH   |
| 17660     | Coeur d'Alene, ID   |
| 17820     | Colorado Springs, CO  |
| 17860     | Columbia, MO (Howard County not in sample)  |
| 17900     | Columbia, SC  |
| 17980     | Columbus, GA-AL (Harris County, GA and Russell County, Alabama not in sample)                                       |
| 18140     | Columbus, OH (Morrow County not in sample)  |
| 18580     | Corpus Christi, TX  |
| 19100     | Dallas-Fort Worth-Arlington, TX (Delta and Hunt Counties not in sample)   |
| 19340     | Davenport-Moline-Rock Island, IA-IL   |
| 19380     | Dayton, OH  |
| 19460     | Decatur, AL   |
| 19500     | Decatur, IL   |
| 19660     | Deltona-Daytona Beach-Ormond Beach, FL  |
| 19740     | Denver-Aurora, CO   |
| 19780     | Des Moines, IA  |
| 19820     | Detroit-Warren-Livonia, MI  |
| 20100     | Dover, DE   |
| 20260     | Duluth, MN-WI (Carlton County, MN not in sample, WI portion not identified)   |
| 20500     | Durham, NC  |
| 20740     | Eau Claire, WI  |
| 20940     | El Centro, CA   |
| 21340     | El Paso, TX   |
| 21500     | Erie, PA  |
| 21660     | Eugene-Springfield, OR  |
| 21780     | Evansville, IN-KY (Gibson County, IN and Kentucky portion not in sample)  |
| 22020     | Fargo, ND-MN (MN portion not identified)  |
| 22140     | Farmington, NM  |

| FIPS Code | Metropolitan (CBSA) TITLE  |
|-----------|--|
| 22180     | Fayetteville, NC   |
| 22220     | Fayetteville-Springdale-Rogers, AR-MO (Madison County, AR and Missouri portion not in sample)                    |
| 22420     | Flint, MI  |
| 22460     | Florence, AL   |
| 22660     | Fort Collins-Loveland, CO  |
| 22900     | Fort Smith, AR-OK (Oklahoma portion not in sample)   |
| 23020     | Fort Walton Beach-Crestview-Destin, FL   |
| 23060     | Fort Wayne, IN   |
| 23420     | Fresno, CA   |
| 23540     | Gainesville, FL (Gilchrist County not in sample)   |
| 24340     | Grand Rapids-Wyoming, MI   |
| 24540     | Greeley, CO  |
| 24580     | Green Bay, WI (Oconto County not in sample)  |
| 24660     | Greensboro-High Point, NC  |
| 24860     | Greenville, SC (Laurens and Pickens Counties not in sample)  |
| 25060     | Gulfport-Biloxi, MS (Stone County not in sample)   |
| 25180     | Hagerstown-Martinsburg, MD-WV (Berkeley County, WV not identified and Morgan County, WV not in sample)           |
| 25420     | Harrisburg-Carlisle, PA  |
| 25500     | Harrisonburg, VA   |
| 25860     | Hickory-Morganton-Lenoir, NC (Caldwell County not in sample)   |
| 26100     | Holland-Grand Haven, MI  |
| 26180     | Honolulu, HI   |
| 26420     | Houston-Baytown-Sugar Land, TX   |
| 26580     | Huntington-Ashland, WV-KY-OH (Kentucky and Ohio portions not identified)   |
| 26620     | Huntsville, AL   |
| 26900     | Indianapolis, IN   |
| 26980     | Iowa City, IA (Washington County not in sample)  |
| 27100     | Jackson, MI  |
| 27140     | Jackson, MS  |
| 27260     | Jacksonville, FL   |
| 27340     | Jacksonville, NC   |
| 27500     | Janesville, WI   |
| 27740     | Johnson City, TN   |
| 27780     | Johnstown, PA  |
| 27900     | Joplin, MO   |
| 28020     | Kalamazoo-Portage, MI  |
| 28100     | Kankakee-Bradley, IL   |
| 28140     | Kansas City, MO-KS (Franklin, KS; Leavenworth, KS; Linn, KS; Bates, MO; and Caldwell, MO Counties not in sample) |
| 28660     | Killeen-Temple-Fort Hood, TX   |
| 28700     | Kingsport-Bristol, TN-VA (Virginia portion not identified)   |

| FIPS Code | Metropolitan (CBSA) TITLE   |
|-----------|---|
| 28740     | Kingston, NY  |
| 28940     | Knoxville, TN (Anderson County not in sample)   |
| 29100     | La Crosse, WI-MN (Houston County not in sample)   |
| 29180     | Lafayette, LA   |
| 29340     | Lake Charles, LA (Cameron Parish not in sample)   |
| 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  |
| 30460     | Lexington-Fayette, KY   |
| 30780     | Little Rock-North Little Rock, AR (Perry County not in sample)  |
| 30980     | Longview, TX (Rusk and Upshur Counties not in sample)   |
| 31100     | Los Angeles-Long Beach-Santa Ana, CA  |
| 31140     | Louisville, KY-IN (Washington, IN; Henry, KY; Nelson, KY; Shelby, KY; and Trimble, KY Counties not in sample) |
| 31180     | Lubbock, TX (Crosby County not in sample)   |
| 31340     | Lynchburg, VA (Appomattox and Bedford Counties and Bedford City not In sample)                                |
| 31420     | Macon,, GA (Crawford, Monroe, and Twiggs Counties not in sample)  |
| 31460     | Madera, CA  |
| 31540     | Madison, WI (Iowa County not in sample)   |
| 32580     | McAllen-Edinburg-Pharr, TX  |
| 32780     | Medford, OR   |
| 32820     | Memphis, TN-MS-AR (Arkansas portion not identified and Tunica County, MS not in sample)                       |
| 32900     | Merced, CA  |
| 33100     | Miami-Fort Lauderdale-Miami Beach, FL   |
| 33140     | Michigan City-La Porte, IN  |
| 33260     | Midland, TX   |
| 33340     | Milwaukee-Waukesha-West Allis, WI   |
| 33460     | Minneapolis-St Paul-Bloomington, MN-WI (Wisconsin portion not identified)                                     |
| 33660     | Mobile, AL  |
| 33700     | Modesto, CA   |
| 33740     | Monroe, LA  |
| 33780     | Monroe, MI  |
| 33860     | Montgomery, AL  |
| 34740     | Muskegon-Norton Shores, MI  |
| 34820     | Myrtle Beach-Conway-North Myrtle Beach, SC  |
| 34900     | Napa, CA  |



| FIPS Code | Metropolitan (CBSA) TITLE   |
|-----------|---|
| 34940     | Naples-Marco Island, FL   |
| 34980     | Nashville-Davidson-Murfreesboro, TN (Cannon, Hickman and Macon Counties not in sample)  |
| 35380     | New Orleans-Metairie-Kenner, LA   |
| 35620     | New York-Northern New Jersey-Long Island, NY-NJ-PA (Pennsylvania portion not in sample. White Plains central city recoded to balance of metropolitan) |
| 35660     | Niles-Benton Harbor, MI   |
| 36100     | Ocala, FL   |
| 36140     | Ocean City, NJ  |
| 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-Lynn Haven, FL  |
| 37860     | Pensacola-Ferry Pass-Brent, FL  |
| 37900     | Peoria, IL  |
| 37980     | Philadelphia-Camden-Wilmington, PA-NJ-DE  |
| 38060     | Phoenix-Mesa-Scottsdale, AZ   |
| 38300     | Pittsburgh, PA  |
| 38900     | Portland-Vancouver-Beaverton, OR-WA (Yamhill County, OR not in sample)  |
| 38940     | Port St. Lucie-Fort Pierce, FL  |
| 39100     | Poughkeepsie-Newburgh-Middletown, NY  |
| 39140     | Prescott, AZ  |
| 39340     | Provo-Orem, UT (Juab County not in sample)  |
| 39380     | Pueblo, CO  |
| 39460     | Punta Gorda, FL   |
| 39540     | Racine, WI  |
| 39580     | Raleigh-Cary, NC  |
| 39740     | Reading, PA   |
| 39900     | Reno-Sparks, NV   |
| 40060     | Richmond, VA (Cumberland County not in sample)  |
| 40140     | Riverside-San Bernardino-Ontario, CA  |
| 40220     | Roanoke, VA (Craig and Franklin Counties not in sample)   |
| 40380     | Rochester, NY   |
| 40420     | Rockford, IL  |
| 40900     | Sacramento--Arden-Arcade--Roseville, CA   |
| 40980     | Saginaw-Saginaw Township North, MI  |
| 41060     | St. Cloud, MN   |

| FIPS Code | Metropolitan (CBSA) TITLE  |
|-----------|--|
| 41180     | St. Louis, MO-IL (Calhoun County, IL not in sample)                                |
| 41420     | Salem, OR  |
| 41500     | Salinas, CA  |
| 41540     | Salisbury, MD  |
| 41620     | Salt Lake City, UT (Tooele County not in sample)                                   |
| 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  |
| 43340     | Shreveport-Bossier City, LA  |
| 43620     | Sioux Falls, SD  |
| 43780     | South Bend-Mishawaka, IN-MI (Michigan portion not identified)                      |
| 43900     | Spartanburg, SC  |
| 44060     | Spokane, WA  |
| 44100     | Springfield, IL  |
| 44180     | Springfield, MO (Dallas and Polk Counties not in sample)                           |
| 44220     | Springfield, OH  |
| 44700     | Stockton, CA   |
| 45060     | Syracuse, NY   |
| 45220     | Tallahassee, FL  |
| 45300     | Tampa-St. Petersburg-Clearwater, FL  |
| 45780     | Toledo, OH (Ottawa County not in sample)   |
| 45820     | Topeka, KS (Jackson and Jefferson Counties not in sample)                          |
| 45940     | Trenton-Ewing, NJ  |
| 46060     | Tucson, AZ   |
| 46140     | Tulsa, OK (Okmulgee County not in sample)  |
| 46220     | Tuscaloosa, AL (Greene and Hale Counties not in sample)                            |
| 46540     | Utica-Rome, NY   |
| 46660     | Valdosta, GA (Lanier County not in sample)   |
| 46700     | Vallejo-Fairfield, CA  |
| 46940     | Vero Beach, FL   |
| 47020     | Victoria, TX   |
| 47220     | Vineland-Millville-Bridgeton, NJ   |
| 47260     | Virginia Beach-Norfolk-Newport News, VA-NC (North Carolina portion not identified) |

| FIPS Code | Metropolitan (CBSA) TITLE  |
|-----------|--|
| 47300     | Visalia-Porterville, CA  |
| 47380     | Waco, TX   |
| 47580     | Warner Robins, GA  |
| 47900     | Washington-Arlington-Alexandria, DC-VA-MD-WV (West Virginia portion not identified. Reston central city recoded to balance of metropolitan.) |
| 47940     | Waterloo-Cedar Falls, IA (Grundy County not in sample)   |
| 48140     | Wausau, WI   |
| 48620     | Wichita, KS  |
| 49180     | Winston-Salem, NC  |
| 49420     | Yakima, WA   |
| 49620     | York-Hanover, PA   |
| 49660     | Youngstown-Warren-Boardman, OH-PA (Pennsylvania portion not in sample)   |
| 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 (RI portion recoded to Providence NECTA)   |
| 76750     | Portland-South Portland, ME  |
| 77200     | Providence-Fall River-Warwick, RI-MA   |
| 77350     | Rochester-Dover, NH-ME (Maine portion not identified)  |
| 78100     | Springfield, MA-CT (Connecticut portion not identified)  |
| 78700     | Waterbury, CT  |
| 79600     | Worcester, MA-CT (Connecticut portion not identified)  |

## 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. See the component CBSA listing for any notes concerning the areas in sample and identified on the files.

| CSA Code | CBSA Code                        | CSA Title<br>Component Parts (CBSA's)   |
|----------|----------------------------------|---|
| 118      | 11540<br>36780                   | Appleton-Oshkosh-Neenah, WI<br>Appleton, WI<br>Oshkosh-Neenah, WI   |
| 176      | 16980<br>28100<br>33140          | Chicago-Naperville-Michigan City, IL-IN-WI (part)<br>Chicago-Naperville-Joliet, IL-IN-WI<br>Kankakee-Bradley, IL<br>Michigan City-LaPorte, IN |
| 184      | 10420<br>17460                   | Cleveland-Akron-Elyria, OH (part)<br>Akron, OH<br>Cleveland-Elyria-Mentor, OH   |
| 212      | 19380<br>44220                   | Dayton-Springfield-Greenville, OH (part)<br>Dayton, OH<br>Springfield, OH   |
| 216      | 14500<br>19740                   | Denver-Aurora-Boulder, CO<br>Boulder, CO<br>Denver-Aurora, CO   |
| 220      | 11460<br>19820<br>22420<br>33780 | Detroit-Warren-Flint, MI<br>Ann Arbor, MI<br>Detroit-Warren-Livonia, MI<br>Flint, MI<br>Monroe, MI  |
| 260      | 23420<br>31460                   | Fresno-Madera, CA<br>Fresno, CA<br>Madera, CA   |

| CSA Code | CBSA Code               | CSA Title<br>Component Parts (CBSA's)  |
|----------|-------------------------|--|
| 266      | 24340<br>26100<br>34740 | Grand Rapids-Muskegon-Holland, MI (part)<br>Grand Rapids-Wyoming, MI<br>Holland-Grand Haven, MI<br>Muskegon-Norton Shores, MI                            |
| 268      | 24660<br>49180          | Greensboro--Winston-Salem--High Point, NC (part)<br>Greensboro-High Point, NC<br>Winston-Salem, NC   |
| 272      | 11340<br>24860          | Greenville-Anderson-Seneca, SC (part)<br>Anderson, SC<br>Greenville, SC  |
| 290      | 19460<br>26620          | Huntsville-Decatur, AL<br>Decatur, AL,<br>Huntsville, AL   |
| 294      | 11300<br>26900          | Indianapolis-Anderson-Columbus, IN (part)<br>Anderson, IN<br>Indianapolis, IN  |
| 304      | 27740<br>28700          | Johnson City-Kingsport-Bristol, TN-VA (part)<br>Johnson City, TN<br>Kingsport-Bristol, TN-VA   |
| 348      | 31100<br>37100<br>40140 | Los Angeles-Long Beach-Riverside, CA<br>Los Angeles-Long Beach-Santa Ana, CA<br>Oxnard-Thousand Oaks-Ventura, CA<br>Riverside-San Bernardino-Ontario, CA |
| 356      | 31420<br>47580          | Macon-Warner Robins-Fort Valley, GA (part)<br>Macon, GA<br>Warner Robins, GA   |
| 376      | 33340<br>39540          | Milwaukee-Racine-Waukesha, WI<br>Milwaukee-Waukesha-West Allis, WI<br>Racine, WI   |

| CSA Code | CBSA Code  | CSA Title<br>Component Parts (CBSA's)   |
|----------|--|---|
| 378      | 33460<br>41060                                     | Minneapolis-St. Paul-Bloomington, MN-WI (part)<br>Minneapolis-St. Paul-Bloomington, MN<br>St. Cloud, MN   |
| 408      | 71950<br>28740<br>75700<br>35620<br>39100<br>45940 | New York-Newark-Bridgeport, NY-NJ-CT-PA (part)<br>Bridgeport-Stamford-Norwalk, CT NECTA*<br>Kingston, NY<br>New Haven, CT NECTA*<br>New York-Newark-Edison, NY-NJ-PA<br>Poughkeepsie-Newburgh-Middletown, NY<br>Trenton-Ewing, NJ |
| 428      | 37980<br>47220                                     | Philadelphia-Camden-Vineland, PA-NJ-DE-MD (part)<br>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD<br>Vineland-Millville-Bridgeton, NJ   |
| 450      | 20500<br>39580                                     | Raleigh-Durham-Cary, NC (part)<br>Durham, NC<br>Raleigh-Cary, NC  |
| 472      | 40900  | Sacramento-Arden-Arcade-Truckee, CA-NV (part)<br>Sacramento-Arden-Arcade-Roseville, CA  |
| 482      | 36260<br>41620                                     | Salt Lake City-Ogden-Clearfield, UT (part)<br>Ogden-Clearfield, UT<br>Salt Lake City, UT  |
| 488      | 34900<br>41860<br>41949<br>42100<br>42220<br>46700 | San Jose-San Francisco-Oakland, CA<br>Napa, CA<br>San Francisco-Oakland-Fremont, CA<br>San Jose-Sunnyvale-Santa Clara, CA<br>Santa Cruz-Watsonville, CA<br>Santa Rosa-Petaluma, CA<br>Vallejo-Fairfield, CA                       |
| 500      | 14740<br>36500<br>42660                            | Seattle-Tacoma-Olympia, WA part<br>Bremerton-Silverdale, WA<br>Olympia, WA<br>Seattle-Tacoma-Bellevue, WA   |
| 548      | 12580<br>47900                                     | Washington-Baltimore-Northern Virginia, DC-MD-VA-WV (part)<br>Baltimore-Towson, MD<br>Washington-Arlington-Alexandria, DC-VA-MD-WV  |

| CSA Code | CBSA Code | CSA Title<br>Component Parts (CBSA's)   |
|----------|-----------|---|
| 715      |           | Boston-Worcester-Manchester, MA-NH-CT-ME (part) (The Manchester, NH and Portsmouth, NH-ME NECTA's are not individually identified on the files, but these records are coded as being in the Combined New England City and Town Areas {CNECTA}. The Connecticut and Maine portions of this CNECTA are not identified.) |
|          | 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   |

\* These 2 NECTA's appear in both the New York City CSA (using the county based CBSA definitions) and the Bridgeport-New Haven-Stamford CNECTA (using the NECTA definitions). They are coded on the public use file in the GTCSA field as being in the Bridgeport-New Haven-Stamford CNECTA. If you want to add them to the New York City CSA, you'll need to add them in using the appropriate GTCBSA codes.

### 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        |
| 31100      | Los Angeles-Long Beach-Santa Ana, 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        |
| 40140      | Riverside-San Bernardino-Ontario, CA  |          |
|            | Riverside                             | 1        |
|            | San Bernardino                        | 2        |
|            | Ontario                               | 3        |
| 40900      | Sacramento-Arden-Arcade-Roseville, CA |          |
|            | Sacramento                            | 1        |
| 41740      | San Diego-Carlsbad-San Marcos, CA     |          |
|            | San Diego                             | 1        |



| CBSA Code | Title City                               | GTINDVPC |
|-----------|--|----------|
| 41860     | San Francisco-Oakland-Fremont, CA        |          |
|           | San Francisco County                     |          |
|           | San Francisco                            | 1        |
|           | Alameda County                           |          |
|           | Oakland                                  | 1        |
|           | Fremont                                  | 2        |
|           | Hayward                                  | 3        |
|           | Berkeley                                 | 4        |
| 41940     | San Jose-Sunnyvale-Santa Clara, CA       |          |
|           | San Jose                                 | 1        |
|           | Sunnyvale                                | 2        |
|           | Santa Clara                              | 3        |
| 71950     | Bridgeport-Stamford-Norwalk, CT          |          |
|           | Bridgeport                               | 1        |
|           | Stamford                                 | 2        |
| 73450     | Hartford-West Hartford-East Hartford, CT |          |
|           | Hartford                                 | 1        |
| 19740     | Denver-Aurora, CO                        |          |
|           | Denver                                   | 1        |
| 33100     | Miami-Fort Lauderdale-Miami Beach, FL    |          |
|           | Broward County                           |          |
|           | Fort Lauderdale                          | 1        |
|           | Miami-Dade County                        |          |
|           | Miami                                    | 1        |
| 45300     | Tampa-St. Petersburg-Clearwater, FL      |          |
|           | Pinellas County                          |          |
|           | St. Petersburg                           | 1        |
| 12060     | Atlanta-Sandy Springs-Marietta, GA       |          |
|           | Atlanta                                  | 1        |
| 16980     | Chicago-Naperville-Joliet, IL-IN-WI      |          |
|           | Chicago                                  | 1        |
|           | Naperville                               | 2        |
|           | Joliet                                   | 3        |

| CBSA Code | Title City  | GTINDVPC    |
|-----------|---|-------------|
| 28140     | Kansas City, MO-KS<br>Kansas portion<br>Kansas City<br>Overland Park                        | 1<br>2      |
| 35380     | New Orleans-Metairie-Kenner, LA<br>New Orleans  | 1           |
| 71650     | Boston-Cambridge-Quincy, MA-NH<br>Massachusetts portion<br>Boston<br>Cambridge              | 1<br>2      |
| 19820     | Detroit-Warren-Livonia, MI<br>Wayne County<br>Detroit<br>Livonia<br>Macomb County<br>Warren | 1<br>2<br>1 |
| 33460     | Minneapolis-St., Paul-Bloomington, MN-WI<br>Minneapolis                                     | 1           |
| 29820     | Las Vegas-Paradise, NV<br>Las Vegas<br>Paradise   | 1<br>2      |
| 35620     | New York-Northern New Jersey-Long Island, NY-NJ-PA<br>New Jersey portion<br>Newark          | 1           |
| 15380     | Buffalo-Niagara Falls, NY<br>Buffalo  | 1           |
| 16740     | Charlotte-Gastonia-Concord, NC-SC<br>Charlotte  | 1           |
| 77200     | Providence-Fall River-Warwick, RI-MA<br>Rhode Island portion<br>Providence                  | 1           |

| CBSA Code | Title City                                   | GTINDVPC |
|-----------|--|----------|
| 19100     | Dallas-Fort Worth-Arlington, TX              |          |
|           | Dallas                                       | 1        |
|           | Fort Worth                                   | 2        |
|           | Carrollton                                   | 3        |
|           | Plano  | 4        |
|           | Irving                                       | 5        |
|           | Arlington                                    | 6        |
| 26420     | Houston-Baytown-Sugar Land, TX               |          |
|           | Houston                                      | 1        |
| 32580     | McAllen-Edinburg-Pharr, TX                   |          |
|           | McAllen                                      | 1        |
| 47260     | Virginia Beach-Norfolk-Newport News, VA-NC   |          |
|           | Virginia portion                             |          |
|           | Virginia Beach                               | 1        |
|           | Norfolk                                      | 2        |
|           | Newport News                                 | 3        |
|           | Hampton                                      | 4        |
|           | Portsmouth                                   | 5        |
| 47900     | Washington-Arlington-Alexandria, DC-VA-MD-WV |          |
|           | Virginia portion only                        |          |
|           | Arlington                                    | 1        |
|           | Alexandria                                   | 2        |
| 42660     | Seattle-Tacoma-Bellevue, WA                  |          |
|           | Seattle                                      | 1        |
|           | Tacoma                                       | 2        |
|           | Bellevue                                     | 3        |
| 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<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
| <b>Alabama</b>         |                |       |
| 003                    | Baldwin*       |       |
| 015                    | Calhoun        |       |
| 073                    | Jefferson      |       |
| 097                    | Mobile         |       |
| 117                    | Shelby         |       |
| <b>Arizona</b>         |                |       |
| 003                    | Cochise*       |       |
| 013                    | Maricopa       |       |
| 015                    | Mohave*        |       |
| 019                    | Pima           |       |
| 021                    | Pinal          |       |
| 025                    | Yavapai        |       |
| <b>Arkansas</b>        |                |       |
| 119                    | Pulaski        |       |
| <b>California</b>      |                |       |
| 001                    | Alameda        |       |
| 007                    | Butte          |       |
| 017                    | El Dorado      |       |
| 019                    | Fresno         |       |
| 025                    | Imperial       |       |
| 029                    | Kern           |       |
| 037                    | Los Angeles    |       |
| 039                    | Madera         |       |
| 047                    | Merced         |       |
| 053                    | Monterey       |       |
| 055                    | Napa           |       |
| 059                    | Orange         |       |
| 061                    | Placer         |       |
| 067                    | Sacramento     |       |
| 071                    | San Bernardino |       |

| FIPS<br>County<br>Code | County<br>Name  | State |
|------------------------|-----------------|-------|
| 073                    | San Diego       |       |
| 075                    | San Francisco   |       |
| 077                    | San Joaquin     |       |
| 079                    | San Luis Obispo |       |
| 081                    | San Mateo       |       |
| 083                    | Santa Barbara   |       |
| 087                    | Santa Cruz      |       |
| 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      |  |

**Delaware**

|     |            |  |
|-----|------------|--|
| 001 | Kent       |  |
| 003 | New Castle |  |
| 005 | Sussex*    |  |

**District of Columbia**

|     |                      |  |
|-----|----------------------|--|
| 001 | District of Columbia |  |
|-----|----------------------|--|

**Florida**

|     |              |  |
|-----|--------------|--|
| 001 | Alachua      |  |
| 005 | Bay          |  |
| 009 | Brevard      |  |
| 011 | Broward      |  |
| 015 | Charlotte    |  |
| 019 | Clay         |  |
| 021 | Collier      |  |
| 053 | Hernando     |  |
| 057 | Hillsborough |  |

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
| 061                    | Indian River   |       |
| 069                    | Lake           |       |
| 071                    | Lee            |       |
| 083                    | Marion         |       |
| 086                    | Miami-Dade     |       |
| 091                    | Okaloosa       |       |
| 095                    | Orange         |       |
| 097                    | Osceola        |       |
| 099                    | Palm Beach     |       |
| 101                    | Pasco          |       |
| 103                    | Pinellas       |       |
| 105                    | Polk           |       |
| 109                    | St. Johns      |       |
| 117                    | Seminole       |       |
| 127                    | Volusia        |       |

**Georgia**

|     |          |  |
|-----|----------|--|
| 057 | Cherokee |  |
| 063 | Clayton  |  |
| 135 | Gwinnett |  |
| 151 | Henry    |  |
| 153 | Houston  |  |

**Hawaii**

|     |          |  |
|-----|----------|--|
| 001 | Hawaii*  |  |
| 003 | Honolulu |  |

**Idaho**

|     |          |  |
|-----|----------|--|
| 055 | Kootenai |  |
|-----|----------|--|

**Illinois**

|     |           |  |
|-----|-----------|--|
| 091 | Kankakee  |  |
| 099 | LaSalle   |  |
| 111 | McHenry   |  |
| 113 | McLean    |  |
| 115 | Macon     |  |
| 119 | Madison   |  |
| 163 | St. Clair |  |
| 179 | Tazewell  |  |

**Indiana**

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
| 057                    | Hamilton       |       |
| 063                    | Hendricks      |       |
| 081                    | Johnson        |       |
| 089                    | Lake           |       |
| 091                    | LaPorte        |       |
| 095                    | Madison        |       |
| 141                    | St. Joseph     |       |

**Iowa**

|     |         |  |
|-----|---------|--|
| 103 | Johnson |  |
| 113 | Linn    |  |
| 153 | Polk    |  |
| 163 | Scott   |  |

**Kansas**

|     |          |  |
|-----|----------|--|
| 045 | Douglas  |  |
| 173 | Sedgwick |  |

**Kentucky**

|     |           |  |
|-----|-----------|--|
| 067 | Fayette   |  |
| 111 | Jefferson |  |
| 117 | Kenton    |  |

**Louisiana**

|     |                  |  |
|-----|------------------|--|
| 019 | Calcasieu        |  |
| 033 | East Baton Rouge |  |
| 051 | Jefferson        |  |
| 071 | Orleans          |  |
| 103 | St. Tammany      |  |

**Maine**

|     |          |  |
|-----|----------|--|
| 011 | Kennebec |  |
|-----|----------|--|

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
|------------------------|----------------|-------|

**Maryland**

|     |                |  |
|-----|----------------|--|
| 003 | Anne Arundel   |  |
| 013 | Carroll        |  |
| 017 | Charles        |  |
| 025 | Harford        |  |
| 027 | Howard         |  |
| 033 | Prince Georges |  |
| 043 | Washington     |  |

**Michigan**

|     |           |  |
|-----|-----------|--|
| 005 | Allegan*  |  |
| 021 | Berrien   |  |
| 049 | Genesee   |  |
| 075 | Jackson   |  |
| 081 | Kent      |  |
| 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  |  |
| 163 | Washington |  |

**Missouri**

|     |           |  |
|-----|-----------|--|
| 019 | Boone     |  |
| 099 | Jefferson |  |
| 189 | St. Louis |  |



| FIPS<br>County<br>Code | County<br>Name | State             |
|------------------------|----------------|-------------------|
|                        |                | <b>Montana</b>    |
| 111                    | Yellowstone    |                   |
|                        |                | <b>Nebraska</b>   |
| 153                    | Sarpy          |                   |
|                        |                | <b>Nevada</b>     |
| 003                    | Clark          |                   |
|                        |                | <b>New Jersey</b> |
| 001                    | Atlantic       |                   |
| 003                    | Bergen         |                   |
| 005                    | Burlington     |                   |
| 007                    | Camden         |                   |
| 011                    | Cumberland     |                   |
| 013                    | Essex          |                   |
| 017                    | Hudson         |                   |
| 019                    | Hunterdon      |                   |
| 021                    | Mercer         |                   |
| 025                    | Monmouth       |                   |
| 027                    | Morris         |                   |
| 029                    | Ocean          |                   |
| 035                    | Somerset       |                   |
| 037                    | Sussex         |                   |
| 041                    | Warren         |                   |
|                        |                | <b>New Mexico</b> |
| 001                    | Bernalillo     |                   |
| 013                    | Dona Ana       |                   |
| 045                    | San Juan       |                   |
| 049                    | Santa Fe       |                   |

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
|------------------------|----------------|-------|

**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    |
| 103 | Suffolk     |
| 111 | Ulster      |
| 119 | Westchester |

**North Carolina**

|     |             |
|-----|-------------|
| 057 | Davidson*   |
| 067 | Forsyth     |
| 097 | Iredell*    |
| 119 | Mecklenburg |
| 133 | Onslow      |
| 155 | Robeson*    |
| 179 | Union       |
| 183 | Wake        |

**North Dakota**

|     |      |
|-----|------|
| 017 | Cass |
|-----|------|

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
|------------------------|----------------|-------|

**Ohio**

|     |             |
|-----|-------------|
| 023 | Clark       |
| 025 | Clermont    |
| 029 | Columbiana* |
| 035 | Cuyahoga    |
| 041 | Delaware    |
| 045 | Fairfield   |
| 049 | Franklin    |
| 089 | Licking     |
| 095 | Lucas       |
| 103 | Medina      |
| 133 | Portage     |
| 153 | Summit      |
| 165 | Warren      |
| 169 | Wayne*      |

**Oklahoma**

|     |          |
|-----|----------|
| 031 | Comanche |
|-----|----------|

**Oregon**

|     |           |
|-----|-----------|
| 017 | Deschutes |
| 029 | Jackson   |
| 039 | Lane      |
| 043 | Linn*     |

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
|------------------------|----------------|-------|

**Pennsylvania**

|     |              |
|-----|--------------|
| 003 | Allegheny    |
| 007 | Beaver       |
| 013 | Blair        |
| 011 | Berks        |
| 017 | Bucks        |
| 019 | Butler       |
| 021 | Cambria      |
| 029 | Chester      |
| 045 | Delaware     |
| 049 | Erie         |
| 055 | Franklin*    |
| 071 | Lancaster    |
| 089 | Monroe*      |
| 091 | Montgomery   |
| 101 | Philadelphia |
| 125 | Washington   |
| 129 | Westmoreland |
| 133 | York         |

**South Carolina**

|     |             |
|-----|-------------|
| 007 | Anderson    |
| 045 | Greenville  |
| 051 | Horry       |
| 063 | Lexington   |
| 079 | Richland    |
| 083 | Spartanburg |

**Tennessee**

|     |            |
|-----|------------|
| 093 | Knox       |
| 165 | Sumner     |
| 187 | Williamson |

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
|------------------------|----------------|-------|

**Texas**

|     |          |
|-----|----------|
| 029 | Bexar    |
| 039 | Brazoria |
| 139 | Ellis    |
| 141 | El Paso  |
| 183 | Gregg    |
| 215 | Hidago   |
| 251 | Johnson  |
| 303 | Lubbock  |
| 309 | McLennan |
| 329 | Midland  |
| 439 | Tarrant  |
| 479 | Webb     |

**Utah**

|     |      |
|-----|------|
| 049 | Utah |
|-----|------|

**Virginia**

|     |                     |
|-----|---------------------|
| 013 | Arlington           |
| 041 | Chesterfield        |
| 059 | Fairfax             |
| 087 | Henrico             |
| 107 | Loudoun             |
| 153 | Prince William      |
| 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   |
| 063 | Spokane  |
| 067 | Thurston |
| 073 | Whatcom  |
| 077 | Yakima   |

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
| <b>Wisconsin</b>       |                |       |

|     |           |  |
|-----|-----------|--|
| 063 | La Crosse |  |
| 073 | Marathon  |  |
| 101 | Racine    |  |
| 105 | Rock      |  |
| 139 | Winnebago |  |

\* Counties marked with an asterisk (\*) are also single county Micropolitan Statistical Areas. They are not otherwise identified on the files. A list of such areas on the file is as follows:

| CBSA<br>Code | Title                          | County<br>Name | County<br>Code |
|--------------|--------------------------------|----------------|----------------|
| 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 (\$2885.00 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

#### May 2006, August 2006, and January 2007 Tobacco Use Supplement Selected Unweighted Tallies

For more information on the 2006-2007 Tobacco Use Supplement to the Current Population Survey (TUS-CPS) see TUS-CPS series web site: <http://riskfactor.cancer.gov/studies/tus-cps/>.

| <u>Item</u> | <u>Value</u> | <u>May<br/>2006</u> | <u>August<br/>2006</u> | <u>January<br/>2007</u> |
|-------------|--------------|---------------------|------------------------|-------------------------|
| PEA1        | -9           | 0                   | 0                      | 0                       |
|             | -3           | 82                  | 60                     | 91                      |
|             | -2           | 336                 | 299                    | 272                     |
|             | -1           | 67,251              | 88,140                 | 67,221                  |
|             | 1            | 31,825              | 24,170                 | 32,466                  |
|             | 2            | 53,850              | 41,480                 | 52,268                  |
| PEA3        | -9           | 48                  | 34                     | 52                      |
|             | -3           | 76                  | 57                     | 59                      |
|             | -2           | 39                  | 40                     | 41                      |
|             | -1           | 121,519             | 129,979                | 119,852                 |
|             | 1            | 11,924              | 9,291                  | 12,049                  |
|             | 2            | 2,854               | 2,102                  | 2,762                   |
|             | 3            | 16,884              | 12,646                 | 17,503                  |
| PEB1A       | -9           | 18                  | 16                     | 25                      |
|             | -3           | 25                  | 31                     | 45                      |
|             | -2           | 10                  | 11                     | 25                      |
|             | -1           | 153,227             | 154,044                | 152,161                 |
|             | 1            | 16                  | 7                      | 15                      |
|             | 2            | 39                  | 31                     | 37                      |
|             | 3            | 9                   | 9                      | 10                      |
| PEB2        | -9           | 26                  | 20                     | 34                      |
|             | -3           | 40                  | 52                     | 64                      |
|             | -2           | 18                  | 16                     | 38                      |
|             | -1           | 144,159             | 147,127                | 142,907                 |
|             | 1            | 2,228               | 1,696                  | 2,299                   |
|             | 2            | 6,613               | 5,084                  | 6,785                   |
|             | 3            | 260                 | 154                    | 191                     |



| <u>Item</u> | <u>Value</u> | <u>May<br/>2006</u> | <u>August<br/>2006</u> | <u>January<br/>2007</u> |
|-------------|--------------|---------------------|------------------------|-------------------------|
| PEC2        | -9           | 5                   | 5                      | 10                      |
|             | -3           | 13                  | 5                      | 16                      |
|             | -2           | 5                   | 8                      | 9                       |
|             | -1           | 151,097             | 152,520                | 150,147                 |
|             | 1            | 570                 | 444                    | 542                     |
|             | 2            | 1,504               | 1,073                  | 1,497                   |
|             | 3            | 150                 | 94                     | 97                      |
| PEC7A       | -9           | 15                  | 11                     | 14                      |
|             | -3           | 20                  | 11                     | 22                      |
|             | -2           | 8                   | 12                     | 11                      |
|             | -1           | 151,097             | 152,520                | 150,147                 |
|             | 1            | 1,122               | 781                    | 1,109                   |
|             | 2            | 1,082               | 814                    | 1,015                   |
| PEDA        | -9           | 11                  | 7                      | 9                       |
|             | -3           | 14                  | 9                      | 15                      |
|             | -2           | 3                   | 9                      | 8                       |
|             | -1           | 152,380             | 153,446                | 151,378                 |
|             | 1            | 422                 | 300                    | 402                     |
|             | 2            | 514                 | 378                    | 506                     |
| PED1        | -9           | 75                  | 69                     | 96                      |
|             | -3           | 107                 | 98                     | 127                     |
|             | -2           | 30                  | 36                     | 37                      |
|             | -1           | 142,876             | 146,201                | 141,676                 |
|             | 1            | 7,331               | 5,576                  | 7,295                   |
|             | 2            | 2,925               | 2,169                  | 3,087                   |
| PED8        | -9           | 2                   | 2                      | 0                       |
|             | -3           | 2                   | 10                     | 6                       |
|             | -2           | 12                  | 7                      | 13                      |
|             | -1           | 149,336             | 151,087                | 148,259                 |
|             | 1            | 596                 | 403                    | 641                     |
|             | 2            | 3,396               | 2,640                  | 3,399                   |
| PEE1B       | -9           | 5                   | 6                      | 4                       |
|             | -3           | 7                   | 12                     | 4                       |
|             | -2           | 3                   | 6                      | 4                       |
|             | -1           | 148,611             | 150,645                | 147,634                 |
|             | 1            | 164                 | 107                    | 184                     |
|             | 2            | 4,554               | 3,373                  | 4,488                   |

| <u>Item</u> | <u>Value</u> | <u>May<br/>2006</u> | <u>August<br/>2006</u> | <u>January<br/>2007</u> |
|-------------|--------------|---------------------|------------------------|-------------------------|
| PEF1A       | -9           | 96                  | 89                     | 116                     |
|             | -3           | 151                 | 139                    | 171                     |
|             | -2           | 33                  | 33                     | 65                      |
|             | -1           | 141,912             | 145,498                | 140,736                 |
|             | 1            | 7,765               | 5,812                  | 7,826                   |
|             | 2            | 3,387               | 2,578                  | 3,404                   |
|             | PEG1         | -9                  | 105                    | 93                      |
|             | -3           | 148                 | 125                    | 148                     |
|             | -2           | 304                 | 236                    | 287                     |
|             | -1           | 141,912             | 145,498                | 140,736                 |
|             | 1            | 4,784               | 3,603                  | 5,229                   |
|             | 2            | 6,091               | 4,594                  | 5,800                   |
| PEH2        | -9           | 12                  | 6                      | 32                      |
|             | -3           | 23                  | 17                     | 19                      |
|             | -2           | 32                  | 14                     | 26                      |
|             | -1           | 139,462             | 143,820                | 137,974                 |
|             | 1            | 11,281              | 8,414                  | 11,528                  |
|             | 2            | 2,534               | 1,878                  | 2,739                   |
|             | PEH6         | -9                  | 1                      | 2                       |
|             | -3           | 2                   | 5                      | 2                       |
|             | -2           | 3                   | 1                      | 3                       |
|             | -1           | 151,993             | 153,186                | 150,821                 |
|             | 1            | 735                 | 522                    | 817                     |
|             | 2            | 261                 | 182                    | 323                     |
|             | 3            | 349                 | 251                    | 349                     |
| PEH7A       | -9           | 22                  | 14                     | 54                      |
|             | -3           | 53                  | 39                     | 33                      |
|             | -2           | 36                  | 37                     | 33                      |
|             | -1           | 149,704             | 151,487                | 148,519                 |
|             | 1            | 750                 | 551                    | 803                     |
|             | 2            | 2,543               | 1,844                  | 2,699                   |
|             | 3            | 236                 | 177                    | 177                     |

| <u>Item</u> | <u>Value</u> | <u>May<br/>2006</u> | <u>August<br/>2006</u> | <u>January<br/>2007</u> |
|-------------|--------------|---------------------|------------------------|-------------------------|
| PEJ1A1      | -9           | 249                 | 187                    | 313                     |
|             | -3           | 348                 | 296                    | 322                     |
|             | -2           | 547                 | 486                    | 500                     |
|             | -1           | 67,251              | 88,140                 | 67,221                  |
|             | 1            | 16,692              | 12,880                 | 17,473                  |
|             | 2            | 68,257              | 52,160                 | 66,489                  |
|             |              |                     |                        |                         |
| PEJ2A1      | -9           | 4                   | 2                      | 4                       |
|             | -3           | 2                   | 6                      | 5                       |
|             | -2           | 8                   | 7                      | 7                       |
|             | -1           | 136,652             | 141,269                | 134,845                 |
|             | 1            | 321                 | 240                    | 524                     |
|             | 2            | 2,301               | 1,874                  | 2,459                   |
|             | 3            | 14,056              | 10,751                 | 14,474                  |
|             |              |                     |                        |                         |
| PEJ1A2      | -9           | 253                 | 192                    | 319                     |
|             | -3           | 346                 | 301                    | 321                     |
|             | -2           | 509                 | 483                    | 488                     |
|             | -1           | 67,251              | 88,140                 | 67,221                  |
|             | 1            | 7,091               | 5,463                  | 7,024                   |
|             | 2            | 77,894              | 59,570                 | 76,945                  |
|             |              |                     |                        |                         |
| PEJ2A2      | -9           | 5                   | 2                      | 0                       |
|             | -3           | 2                   | 2                      | 2                       |
|             | -2           | 2                   | 2                      | 2                       |
|             | -1           | 146,253             | 148,686                | 145,294                 |
|             | 1            | 88                  | 84                     | 98                      |
|             | 2            | 244                 | 183                    | 268                     |
|             | 3            | 6,750               | 5,190                  | 6,654                   |
|             |              |                     |                        |                         |
| PEJ1A3      | -9           | 255                 | 193                    | 319                     |
|             | -3           | 345                 | 300                    | 319                     |
|             | -2           | 483                 | 454                    | 432                     |
|             | -1           | 67,251              | 88,140                 | 67,221                  |
|             | 1            | 5,724               | 4,455                  | 6,046                   |
|             | 2            | 79,286              | 60,607                 | 77,981                  |
|             |              |                     |                        |                         |

| <u>Item</u> | <u>Value</u> | <u>May<br/>2006</u> | <u>August<br/>2006</u> | <u>January<br/>2007</u> |
|-------------|--------------|---------------------|------------------------|-------------------------|
| PEJ2A3      | -9           | 1                   | 0                      | 1                       |
|             | -3           | 1                   | 0                      | 4                       |
|             | -2           | 7                   | 7                      | 7                       |
|             | -1           | 147,620             | 149,694                | 146,272                 |
|             | 1            | 448                 | 319                    | 458                     |
|             | 2            | 432                 | 341                    | 471                     |
|             | 3            | 4,835               | 3,788                  | 5,105                   |
| PEJ1A4      | -9           | 255                 | 196                    | 324                     |
|             | -3           | 344                 | 303                    | 317                     |
|             | -2           | 487                 | 456                    | 429                     |
|             | -1           | 67,251              | 88,140                 | 67,221                  |
|             | 1            | 4,083               | 3,214                  | 4,261                   |
|             | 2            | 80,924              | 61,840                 | 79,766                  |
| PEJ2A4      | -9           | 1                   | 0                      | 0                       |
|             | -3           | 0                   | 1                      | 3                       |
|             | -2           | 5                   | 4                      | 3                       |
|             | -1           | 149,261             | 150,935                | 148,057                 |
|             | 1            | 581                 | 504                    | 630                     |
|             | 2            | 349                 | 292                    | 343                     |
|             | 3            | 3,147               | 2,413                  | 3,282                   |
| PEJ4        | -9           | 9                   | 4                      | 3                       |
|             | -3           | 1                   | 0                      | 4                       |
|             | -2           | 0                   | 0                      | 0                       |
|             | -1           | 152,456             | 153,375                | 151,305                 |
|             | 1            | 300                 | 200                    | 324                     |
|             | 2            | 662                 | 570                    | 682                     |
| PEJJ11      | -9           | 142                 | 114                    | 162                     |
|             | -3           | 154                 | 145                    | 158                     |
|             | -2           | 45                  | 35                     | 51                      |
|             | -1           | 138,422             | 142,964                | 137,113                 |
|             | 1            | 476                 | 433                    | 563                     |
|             | 2            | 14,105              | 10,458                 | 14,271                  |

| <u>Item</u> | <u>Value</u> | <u>May</u><br><u>2006</u> | <u>August</u><br><u>2006</u> | <u>January</u><br><u>2007</u> |
|-------------|--------------|---------------------------|------------------------------|-------------------------------|
| PEK2A       | -9           | 11                        | 9                            | 41                            |
|             | -3           | 43                        | 26                           | 36                            |
|             | -2           | 244                       | 178                          | 254                           |
|             | -1           | 126,972                   | 134,119                      | 124,412                       |
|             | 1            | 23,349                    | 17,710                       | 24,750                        |
|             | 2            | 2,725                     | 2,107                        | 2,825                         |
|             | PEK4         | -9                        | 366                          | 270                           |
|             | -3           | 396                       | 314                          | 383                           |
|             | -2           | 241                       | 188                          | 169                           |
|             | -1           | 90,149                    | 105,947                      | 88,101                        |
|             | 1            | 48,724                    | 37,556                       | 50,039                        |
|             | 2            | 6,822                     | 4,962                        | 6,663                         |
|             | 3            | 6,646                     | 4,912                        | 6,550                         |
| INTRVIEW    | -1           | 46,310                    | 73,028                       | 52,484                        |
|             | 1            | 86,093                    | 66,009                       | 85,097                        |
|             | 2            | 20,941                    | 15,112                       | 14,737                        |

## ATTACHMENT 14

### COUNTRIES AND AREAS OF THE WORLD

#### Current Population Survey

| <b>Code</b> | <b>Name</b>              | <b>Code</b> | <b>Name</b>           |
|-------------|--------------------------|-------------|-----------------------|
| 057         | United States            | 162         | Moldova               |
| 066         | Guam                     | 163         | Russia                |
| 073         | Puerto Rico              | 164         | Ukraine               |
| 078         | U. S. Virgin Islands     | 165         | USSR                  |
| 096         | Other U. S. Island Areas | 166         | Europe, not specified |
| 100         | Albania                  | 167         | Kosovo                |
| 102         | Austria                  | 200         | Afghanistan           |
| 103         | Belgium                  | 202         | Bangladesh            |
| 104         | Bulgaria                 | 205         | Myanmar (Burma)       |
| 105         | Czechoslovakia           | 206         | Cambodia              |
| 106         | Denmark                  | 207         | China                 |
| 108         | Finland                  | 208         | Cyprus                |
| 109         | France                   | 209         | Hong Kong             |
| 110         | Germany                  | 210         | India                 |
| 116         | Greece                   | 211         | Indonesia             |
| 117         | Hungary                  | 212         | Iran                  |
| 119         | Ireland                  | 213         | Iraq                  |
| 120         | Italy                    | 214         | Israel                |
| 126         | Netherlands              | 215         | Japan                 |
| 127         | Norway                   | 216         | Jordan                |
| 128         | Poland                   | 217         | Korea                 |
| 129         | Portugal                 | 220         | South Korea           |
| 130         | Azores                   | 222         | Kuwait                |
| 132         | Romania                  | 223         | Laos                  |
| 134         | Spain                    | 224         | Lebanon               |
| 136         | Sweden                   | 226         | Malaysia              |
| 137         | Switzerland              | 229         | Nepal                 |
| 138         | United Kingdom           | 231         | Pakistan              |
| 139         | England                  | 233         | Philippines           |
| 140         | Scotland                 | 235         | Saudi Arabia          |
| 141         | Wales                    | 236         | Singapore             |
| 142         | Northern Ireland         | 238         | Sri Lanka             |
| 147         | Yugoslavia               | 239         | Syria                 |
| 148         | Czech Republic           | 240         | Taiwan                |
| 149         | Slovakia                 | 242         | Thailand              |
| 150         | Bosnia & Herzegovina     | 243         | Turkey                |
| 151         | Croatia                  | 246         | Uzbekistan            |
| 152         | Macedonia                | 247         | Vietnam               |
| 154         | Serbia                   | 248         | Yemen                 |
| 156         | Latvia                   | 249         | Asia, not specified   |
| 157         | Lithuania                | 300         | Bermuda               |
| 158         | Armenia                  | 301         | Canada                |
| 159         | Azerbaijan               | 303         | Mexico                |
| 160         | Belarus                  | 310         | Belize                |
| 161         | Georgia                  | 311         | Costa Rica            |

| <b>Code</b> | <b>Name</b>                    | <b>Code</b> | <b>Name</b>                  |
|-------------|--------------------------------|-------------|------------------------------|
| 312         | El Salvador                    | 374         | South America, not specified |
| 313         | Guatemala                      | 399         | Americas, not specified      |
| 314         | Honduras                       | 400         | Algeria                      |
| 315         | Nicaragua                      | 407         | Cameroon                     |
| 316         | Panama                         | 408         | Cape Verde                   |
| 321         | Antigua and Barbuda            | 414         | Egypt                        |
| 323         | Bahamas                        | 416         | Ethiopia                     |
| 324         | Barbados                       | 417         | Eritrea                      |
| 327         | Cuba                           | 421         | Ghana                        |
| 328         | Dominica                       | 427         | Kenya                        |
| 329         | Dominican Republic             | 429         | Liberia                      |
| 330         | Grenada                        | 436         | Morocco                      |
| 332         | Haiti                          | 440         | Nigeria                      |
| 333         | Jamaica                        | 444         | Senegal                      |
| 338         | St. Kitts--Nevis               | 447         | Sierra Leone                 |
| 339         | St. Lucia                      | 448         | Somalia                      |
| 340         | St. Vincent and the Grenadines | 449         | South Africa                 |
| 341         | Trinidad and Tobago            | 451         | Sudan                        |
| 343         | West Indies, not specified     | 453         | Tanzania                     |
| 360         | Argentina                      | 457         | Uganda                       |
| 361         | Bolivia                        | 461         | Zimbabwe                     |
| 362         | Brazil                         | 462         | Africa, not specified        |
| 363         | Chile                          | 501         | Australia                    |
| 364         | Columbia                       | 508         | Fiji                         |
| 365         | Ecuador                        | 515         | New Zealand                  |
| 368         | Guyana                         | 523         | Tonga                        |
| 369         | Paraguay                       | 527         | Samoa                        |
| 370         | Peru                           | 528         | Oceania, not specified       |
| 372         | Uruguay                        | 555         | Elsewhere                    |
| 373         | Venezuela                      |             |                              |

## 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 May 2006, August 2006, and January 2007 CPS Microdata Files on Tobacco Use

#### SOURCE OF DATA

The data for these microdata files are from the May 2006, August 2006, and January 2007 Current Population Survey (CPS). The U.S. Census Bureau conducts the CPS every month, although these files have only May 2006, August 2006, and January 2007 data. The survey uses two sets of questions, the basic CPS and a set of supplemental questions. The basic 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) and the Centers for Disease Control and Prevention (CDC), both of the Department of Health and Human Services, have jointly sponsored the supplemental questions for the Tobacco Use Supplement (TUS) since 2001, while NCI has sponsored it since 1992.

**Basic CPS.** The monthly CPS collects primarily labor force data about the civilian noninstitutional 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 (91 percent of the 4.1 million institutionalized people in Census 2000). 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.

In April 2004, the Census Bureau began phasing out the 1990 sample<sup>1</sup> and replacing it with the 2000 sample, creating a mixed sampling frame. Two simultaneous changes occurred during this phase-in period. First, primary sampling units (PSUs)<sup>2</sup> selected for only the 2000 design gradually replaced those selected for the 1990 design. This involved 10 percent of the sample. Second, within PSUs selected for both the 1990 and 2000 designs, sample households from the 2000 design gradually replaced sample households from the 1990 design. This involved about 90 percent of the sample. The new sample design was completely implemented by July 2005.

In the first stage of the sampling process, PSUs are selected for sample. The United States is divided into 2,025 PSUs. The PSUs were redefined for this design to correspond to the Office of Management and Budget definitions of Core-Based Statistical Area definitions and to improve efficiency in field

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<sup>1</sup> For detailed information on the 1990 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.

operations. These PSUs are grouped into 824 strata. Within each stratum, a single PSU is chosen for the sample, with its probability of selection proportional to its population as of the most recent decennial census. This PSU represents the entire stratum from which it was selected. In the case of strata consisting of only one PSU, the PSU is chosen with certainty.

Approximately 72,000 housing units were selected for sample from the sampling frame in May, August, and 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>1</sup> Of all housing units in sample, about 60,000, 60,000, and 59,000 were determined to be eligible for interview in May, August, and January, respectively. Interviewers obtained interviews at about 55,000, 55,000, and 54,000 of these units in May, August, and January, respectively. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason.

**May 2006, August 2006, and January 2007 Tobacco Use Supplements.** In addition to the basic CPS questions, interviewers asked supplementary questions on tobacco use of the civilian noninstitutional population 15 years and older in May and August, and 18 years and older in January. The TUS is a large, nationally representative survey, which enables it to produce national, state, and some substate estimates. The TUS collected information from about 237,000 respondents in the 2006/2007 survey period. On average, over the 1992-2003 survey period, approximately 70 percent of supplement respondents have been interviewed by telephone and 30 percent by personal interview. For the 2006-07 survey period the corresponding percentages are 65 and 35, respectively. For some measures of use, approximately 20 percent of responses are proxy responses, with the rest of the data collected through self-response. See reference [3] for more information.

**Basic CPS Estimation Procedure.** This survey's estimation procedure adjusts weighted sample results to agree with independently derived population estimates of the civilian noninstitutional 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.

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 latest decennial 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.

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<sup>1</sup> For further information on CATI and CAPI and the eligibility criteria, please see reference [2].

The net international migration component in the population estimates includes a combination of the following:

- Legal migration to the United States.
- Emigration of foreign-born and native people from the United States.
- Net movement between the United States and Puerto Rico.
- Estimates of temporary migration.
- Estimates of net residual foreign-born population, which include unauthorized migration.

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 that 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. Table 1 shows nonresponse rates for the basic CPS and its May and August 2006 and January 2007 TUS.

| Month        | Basic CPS (household nonresponse rate) | Supplement (person nonresponse rates)* |                    |
|--------------|--|--|--------------------|
|              |  | Total (self and proxy)                 | Self-response only |
| May 2006     | 8.6%                                   | 19.3%                                  | 39.3%              |
| August 2006  | 7.6%                                   | 18.3%                                  | 39.0%              |
| January 2007 | 9.1%                                   | 14.8%                                  | 35.7%              |

\*These response rates are for 18+ only. The total (self and proxy) nonresponse rates for 15 to 17 year olds in May and August 2006 were 24.5 percent and 24.6 percent, respectively. The self-response only nonresponse rates for 15 to 17 year olds in May and August 2006 were 67.4 percent and 66.5 percent, respectively.

The number of 15-17 year old respondents to this supplement was reduced in August 2006, and phased out entirely in January 2007. For purposes of consistency, response rates in Table 1 reflect only respondents of age 18 and older.

Since the basic CPS nonresponse rate is a household-level rate and the TUS nonresponse rate is a person-level rate, we cannot combine these rates to derive an overall nonresponse rate. 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. The "Total (self and proxy)" column allows proxy interviews. The "Self-response only" column counts proxy responses as noninterviews.

**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 May 2006, August 2006, and January 2007 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 post-stratification divided by the independent population control. Table 2 shows January 2007 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 2. CPS Coverage Ratios: January 2007**

| Age group | All people | Total |        | White only |        | Black only |        | Residual race |        | Hispanic |        |
|-----------|------------|-------|--------|------------|--------|------------|--------|---------------|--------|----------|--------|
|           |            | Male  | Female | Male       | Female | Male       | Female | Male          | Female | Male     | Female |
| 0-15      | 0.89       | 0.89  | 0.88   | 0.91       | 0.90   | 0.79       | 0.76   | 0.89          | 0.90   | 0.90     | 0.88   |
| 16-19     | 0.87       | 0.87  | 0.86   | 0.89       | 0.87   | 0.76       | 0.77   | 0.92          | 0.91   | 0.94     | 0.88   |
| 20-24     | 0.77       | 0.74  | 0.80   | 0.76       | 0.81   | 0.63       | 0.74   | 0.71          | 0.80   | 0.83     | 0.89   |
| 25-34     | 0.81       | 0.79  | 0.84   | 0.81       | 0.86   | 0.67       | 0.80   | 0.72          | 0.77   | 0.77     | 0.86   |
| 35-44     | 0.89       | 0.86  | 0.92   | 0.88       | 0.94   | 0.73       | 0.81   | 0.84          | 0.92   | 0.79     | 0.91   |
| 45-54     | 0.90       | 0.88  | 0.91   | 0.90       | 0.92   | 0.76       | 0.86   | 0.81          | 0.88   | 0.80     | 0.90   |
| 55-64     | 0.93       | 0.91  | 0.94   | 0.92       | 0.94   | 0.86       | 0.91   | 0.93          | 0.96   | 0.82     | 0.91   |
| 65+       | 0.93       | 0.94  | 0.93   | 0.93       | 0.92   | 0.98       | 1.00   | 0.92          | 0.85   | 0.84     | 0.80   |
| 15+       | 0.88       | 0.86  | 0.89   | 0.88       | 0.91   | 0.76       | 0.85   | 0.82          | 0.87   | 0.81     | 0.88   |
| 0+        | 0.88       | 0.87  | 0.89   | 0.88       | 0.91   | 0.77       | 0.82   | 0.84          | 0.87   | 0.84     | 0.88   |

- 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 these microdata files, which reflect Census 2000-based controls, with microdata files from March 1994 through December 2002, which reflect 1990 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 2000-based controls results in about a 1 percent increase from the 1990 census-based controls in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for data collected in 2003 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.

Note that certain microdata files from 2002, namely June, October, and November, and the 2002 ASEC, contain both Census-2000 based estimates and 1990 census-based estimates and are subject to the comparability issues discussed previously. All other microdata files from 2002 reflect the 1990 census-based controls.

Users should also exercise caution because of changes caused by the phase-in of the Census 2000 files (see “Basic CPS”). During this time period, CPS data were collected from sample designs based on different censuses. Three features of the new CPS design have the potential of affecting published estimates: (1) the temporary disruption of the rotation pattern from August 2004 through June 2005 for a comparatively small portion of the sample, (2) the change in sample areas, and (3) the introduction of the new Core-Based Statistical Areas (formerly called metropolitan areas). Most of the known effect on estimates during and after the sample redesign will be the result of changing from 1990 to 2000 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 proportion of male every-day smokers to the proportion of female every-day smokers.

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.

Estimates of the 15 to 17 year old age groups and estimates of other similarly small subgroups are likely to yield imprecise standard errors that may be too low.

**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 the 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 generalized variance function is a simple model that expresses the variance as a function of the expected value of the survey estimate. The parameters of the generalized variance function are estimated using direct replicate variances. These generalized variance parameters provide a relatively easy method to obtain approximate standard errors for numerous characteristics. In this source and accuracy statement, Table 4 provides the generalized variance parameters for labor force estimates, Tables 5 and 6 provide generalized variance parameters for TUS nonresponse data and TUS self-response data. Tables 7 and 8 provide factors and population controls to derive U.S. state and regional parameters.

These parameters are designed to estimate the standard error of the number of people with a certain characteristic, not the number of tobacco products. For example, use Formula (1) below to estimate the standard error of the number of people who have ever smoked, and use Formula (2) to estimate the standard error of the percentage of people reporting a smoke-free environment. To estimate the standard error of a number of tobacco products, such as the average number of cigarettes smoked per day, use Formula (8). This formula is based on the distribution of the number of people using different amounts of tobacco products.

NOTE: The generalized variance parameters given in this document cannot be used when estimating variances for complex analysis research such as linear regression. Variances must be estimated using replicate weights for those types of analyses from the TUS data. Replicates are copies of the original sample that are systematically re-weighted to simulate the drawing of a different sample according to the same rules as the original was chosen. The differing estimates derived from the different replicates are used to estimate the variances for the sample itself. The re-weighting is done by multiplying the baseweights of the replicates by replicate factors produced from a 160x160 orthogonal Hadamard matrix; once that is done, the replicates go through the same weighting process as the actual sample to produce the replicate weights. The CPS and its supplements currently use 160 replicates. A more detailed discussion can be found in reference [2], pp.14-1 through 14-3. Replicate weights can be obtained from NCI upon request.

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 generalized variance parameters to use in computing standard errors are dependent upon the race/ethnicity group of interest. Table 3 summarizes the relationship between the race/ethnicity group of interest and the generalized variance parameters to use in standard error calculations.



| Table 3. Estimation Groups of Interest and Generalized Variance Parameters             |   |
|--|---|
| Race/ethnicity group of interest   | Generalized variance parameters to use in standard error calculations |
| 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, NHOPI are American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, respectively.
- (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 these microdata files can be obtained by using the formula:

$$= \sqrt{\quad + \quad} \quad (1)$$

Here  $x$  is the size of the estimate and  $a$  and  $b$  are the parameters in Tables 4, 5, and 6 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 4,516,000 unemployed men ages 18 and up in the civilian labor force in January 2007. Use the appropriate parameters from Table 4 and Formula (1) to get

| <b>Illustration 1</b>  |                        |
|--|------------------------|
| Number of unemployed adult males in the civilian labor force ( $x$ ) | 4,516,000              |
| a parameter ( $a$ )  | -0.000032              |
| b parameter ( $b$ )  | 2,971                  |
| Standard error   | 113,000                |
| 90-percent confidence interval                                       | 4,330,000 to 4,702,000 |

The standard error is calculated as

$$= \sqrt{- \quad \times \quad + \quad \times \quad} =$$

The 90-percent confidence interval is calculated as  $4,516,000 \pm 1.645 \times 113,000$ .

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 4, 5, or 6 as indicated by the numerator.

The approximate standard error,  $s_{y,p}$ , of an estimated percentage can be obtained by using the formula:

$$s_{y,p} = \sqrt{\frac{b}{y} p(100 - p)} \quad (2)$$

Here  $y$  is the total number of people, families, households, or unrelated individuals in the base of the percentage,  $p$  is the percentage ( $0 \leq p \leq 100$ ), and  $b$  is the parameter in Table 4, 5, or 6 associated with the characteristic in the numerator of the percentage.

### Illustration 2

Suppose there were 28,050,000 people aged 18 to 24 in January 2007, of which 12.5 percent were every-day smokers. Use the appropriate parameter from Table 5 and Formula (2) to get

| <b>Illustration 2</b>  |              |
|--|--------------|
| Percentage of people aged 18-24 who were every-day smokers ( $p$ ) | 12.5         |
| Base ( $y$ )   | 28,050,000   |
| b parameter ( $b$ )  | 4,323        |
| Standard error   | 0.41         |
| 90-percent confidence interval                                     | 11.8 to 13.2 |

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{4,323}{28,050,000} \times 12.5 \times (100 - 12.5)} = 0.41$$

The 90-percent confidence interval for the estimated percentage of people aged 18 to 24 who are every-day smokers is calculated as  $12.5 \pm 1.645 \times 0.41$ .

### Illustration 3

Of all adults (ages 18 and up) in January 2007, suppose the number of former smokers was 41,796,000 and the number of ever (current and former) smokers was 79,935,000. The percentage of former smokers out of ever smokers (known as the “quit ratio”) would be 52.3 percent. Use the appropriate parameter from Table 5 and Formula (2) to get

| Illustration 3   |              |
|--|--------------|
| Percentage of adult ever smokers who don't smoke anymore ( $p$ ) | 52.3         |
| Base ( $y$ )   | 79,935,000   |
| b parameter ( $b$ )  | 4,323        |
| Standard error   | 0.37         |
| 90-percent confidence interval                                   | 51.7 to 52.9 |

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{4,323}{79,935,000} \times 52.3 \times (100 - 52.3)} = 0.37$$

and the 90-percent confidence interval is calculated as  $52.3 \pm 1.645 \times 0.37$ .

**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 2007, suppose that of the 4,008,000 Blacks 18 to 24 years of age, 7.1 percent were every-day smokers, and of the 17,308,000 non-Hispanic Whites 18 to 24 years of age, 16.0 percent were every-day smokers. Use the appropriate parameters from Table 5 and Formulas (2) and (3) to get

| Illustration 4   |                 |                              |             |
|--|-----------------|------------------------------|-------------|
|  | Black ( $x_1$ ) | Non-Hispanic White ( $x_2$ ) | Difference  |
| Percentage of people aged 18-24 who were every-day smokers ( $p$ ) | 7.1             | 16.0                         | 8.9         |
| Base ( $y$ )   | 4,008,000       | 17,308,000                   | -           |
| b parameter ( $b$ )  | 4,636           | 4,323                        | -           |
| Standard error   | 0.87            | 0.58                         | 1.05        |
| 90-percent confidence interval                                     | 5.7 to 8.5      | 15.0 to 17.0                 | 7.2 to 10.6 |

The standard error of the difference is calculated as

$$SE = \sqrt{SE_1^2 + SE_2^2}$$

The 90-percent confidence interval around the difference is calculated as  $8.9 \pm 1.645 \times 1.05$ . Since this interval does not include zero, we can conclude with 90 percent confidence that the percentage of Black every-day smokers between 18 and 24 years of age is less 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

$$SE_r = \frac{1}{y^2} \sqrt{\left(\frac{x^2}{y} \cdot SE_x^2\right) + \left(\frac{x^2}{y^3} \cdot SE_y^2\right) - \frac{2x}{y^2} \cdot SE_x \cdot SE_y \cdot r} \quad (4)$$

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 2007, suppose the number of adults who were self-reported as every-day smokers was 31,314,000 and the number of adults who were self-reported as some-day smokers was 7,234,000. The ratio of every-day smokers to some-day smokers would be 4.3. Use Formulas (1) and (4) and the appropriate parameters from Table 6, since the data is from self-respondents, with  $r = 0$  to get

| Illustration 5                 |                          |                        |            |
|--------------------------------|--------------------------|------------------------|------------|
|                                | Every-day ( $x$ )        | Some-day ( $y$ )       | Ratio      |
| Number of smokers              | 31,314,000               | 7,234,000              | 4.3        |
| a parameter ( $a$ )            | -0.000024                | -0.000024              | -          |
| b parameter ( $b$ )            | 5,745                    | 5,745                  | -          |
| Standard error                 | 395,000                  | 201,000                | 0.13       |
| 90-percent confidence interval | 30,664,000 to 31,964,000 | 6,903,000 to 7,565,000 | 4.1 to 4.5 |

The standard error of the ratio is calculated as

$$s_{x/y} = \frac{31,314,000}{7,234,000} \sqrt{\left(\frac{395,000}{31,314,000}\right)^2 + \left(\frac{201,000}{7,234,000}\right)^2} = 0.13$$

and the 90-percent confidence interval is calculated as  $4.3 \pm 1.645 \times 0.13$ .

**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.

**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 4, 5, or 6 by the state factor from Table 7. To determine a new state-level  $a$  parameter ( $a_{state}$ ), use the following:

- (1) If the  $a$  parameter from Table 4, 5, or 6 is positive, multiply the  $a$  parameter by the state factor from Table 7.
- (2) If the  $a$  parameter in Table 4, 5, or 6 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 7.

**Illustration 6**

Suppose there were 1,757,000 adults living in Florida in January 2007 who were every-day smokers. Use the appropriate parameters, factor, and population from Tables 5 and 7 and Formulas (1) and (6) to get

| <b>Illustration 6</b>                          |            |
|--|------------|
| Number of every-day smokers in Florida ( $x$ ) | 1,757,000  |
| $b$ parameter ( $b$ )                          | 4,323      |
| Florida state factor                           | 1.10       |
| State population                               | 17,917,612 |
| State $a$ parameter ( $a_{state}$ )            | -0.000265  |
| State $b$ parameter ( $b_{state}$ )            | 4,755      |
| Standard error                                 | 87,000     |

Obtain the state-level  $b$  parameter by multiplying the  $b$  parameter, 4,323, by the state factor, 1.10. This gives  $b_{state} = 4,323 \times 1.10 = 4,755$ . Obtain the needed state-level  $a$  parameter by

$$a_{state} = \frac{-4,755}{17,917,612} = -0.000265$$

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, -0.000265 and 4,755, respectively. The standard error is given by

$$= \sqrt{- \quad \times \quad + \quad \times \quad} =$$

**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 8.

**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:

$$= \frac{\sum_{i=1}^n POP_i \times factor_i}{\sum_{i=1}^n POP_i} \quad (7)$$

where  $POP_i$  and  $factor_i$  are the population and factor for state  $i$  from Table 7.

To obtain a new state group  $b$  parameter ( $b_{state\ group}$ ), multiply the  $b$  parameter from Table 4, 5, or 6 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 4, 5, or 6 is positive, multiply the  $a$  parameter by the state group factor determined by Formula (7).
- (2) If the  $a$  parameter in Table 4, 5, or 6 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 7 to get

$$state\ group\ factor = \frac{(12,683,998 \times 1.13) + (6,247,296 \times 1.11) + (9,966,777 \times 1.13)}{12,683,998 + 6,247,296 + 9,966,777} = 1.13$$

**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 4, 5, or 6.

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 31,314,000 adult every-day smokers among self-respondents in January 2007, and the distribution of the average number of cigarettes consumed per day was

| Cigarettes per day | Percent of smokers | $\bar{x}_i$        |
|--------------------|--------------------|--------------------|
| 1 – 10             | 38.8               | $(1+10)/2 = 5.5$   |
| 11 – 20            | 47.7               | $(11+20)/2 = 15.5$ |
| 21 – 30            | 7.6                | $(21+30)/2 = 25.5$ |
| 31 – 40            | 4.9                | $(31+40)/2 = 35.5$ |
| 41+                | 0.9                | $3/2(41) = 61.5$   |



Using Formula (11),

$$\bar{x} = \sum_{i=1}^k x_i \times p_i + \sum_{i=1}^k x_i^2 \times p_i - \left( \sum_{i=1}^k x_i \times p_i \right)^2$$

and Formula (10),

$$s_{\bar{x}} = \sqrt{\frac{1}{n} \left( \sum_{i=1}^k x_i^2 \times p_i - \left( \sum_{i=1}^k x_i \times p_i \right)^2 \right)}$$

Because this data is from self-respondents, use the appropriate parameter from Table 6 and Formula (9) to get

| Illustration 8a   |                |
|---|----------------|
| Average amount of cigarettes smoked per day for every-day smokers $\bar{x}$ | 13.76          |
| Variance ( $S^2$ )  | 82.21          |
| Base ( $y$ )  | 31,314,000     |
| b parameter ( $b$ )   | 5,745          |
| Standard error  | 0.123          |
| 90-percent confidence interval  | 13.56 to 13.96 |

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{5,745}{31,314,000} (82.21)} = 0.123$$

and the 90-percent confidence interval is calculated as  $13.76 \pm 1.645 \times 0.123$ .

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 7,234,000 adult some-day smokers among self respondents in January 2007, 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 ( $\bar{x} \times d_i / 30$ ) |
|-------------------------|--------------------|-----------------|--|--|
| 1                       | 16.0               | $(1+1)/2 = 1.0$ | 8.9  | $1.0 * 8.9 / 30 = 0.30$                          |
| 2                       | 20.2               | $(2+2)/2 = 2.0$ | 11.8   | $2.0 * 11.8 / 30 = 0.79$                         |
| 3                       | 15.9               | $(3+3)/2 = 3.0$ | 13.8   | $3.0 * 13.8 / 30 = 1.38$                         |
| 4                       | 9.0                | $(4+4)/2 = 4.0$ | 14.2   | $4.0 * 14.2 / 30 = 1.89$                         |
| 5+                      | 38.9               | $3/2(5) = 7.5$  | 16.0   | $7.5 * 16.0 / 30 = 4.00$                         |

Using Formula (11),

$$\bar{x} = \sum_{i=1}^k x_i \times p_i + \sum_{i=1}^k x_i^2 \times p_i - \left( \sum_{i=1}^k x_i \times p_i \right)^2$$

and Formula (10),

$$= \times + \times + \times + \times + \times - =$$

Because this data is from self-respondents, use the appropriate parameter from Table 6 and Formula (9) to get

| Illustration 8b  |              |
|--|--------------|
| Average amount of cigarettes smoked per day for some-day smokers $\bar{x}$ | 2.15         |
| Variance ( $S^2$ )   | 2.37         |
| Base ( $y$ )   | 7,234,000    |
| b parameter ( $b$ )  | 5,745        |
| Standard error   | 0.043        |
| 90-percent confidence interval   | 2.08 to 2.22 |

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{5,745}{7,234,000}(2.37)} = 0.043$$

and the 90-percent confidence interval is calculated as  $2.15 \pm 1.645 \times 0.043$ .

A conclusion that the average estimate derived from all possible sample 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

$$= \sqrt{- + -} \quad (14)$$

where  $-$  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 31,314,000 adults and that they smoked an average of 13.76 cigarettes per day. They then would consume approximately 430,881,000 cigarettes per day. Use the appropriate parameters from Table 6, since the data is self-reported,  $s_y$  and  $s_x$  from Illustrations 5 and 8a, respectively, and Formula (14) to get

| <b>Illustration 9</b>                                 |                            |
|---|----------------------------|
| Average amount of cigarettes smoked per day $\bar{x}$ | 13.76                      |
| Standard error (SE)                                   | 0.123                      |
| Number of every-day smokers ( $y$ )                   | 31,314,000                 |
| Standard error ( $s_y$ )                              | 395,000                    |
| Number of cigarettes consumed ( $T$ )                 | 430,881,000                |
| Standard error ( $s_T$ )                              | 6,662,000                  |
| 90-percent confidence interval                        | 419,922,000 to 441,840,000 |

The aggregate  $T$  is calculated as

$$T = \bar{x} \times y =$$

and the standard error for  $T$  is calculated as

$$s_T = \sqrt{s_x^2 \times y + \bar{x}^2 \times s_y^2} =$$

The 90-percent confidence interval is calculated as  $430,881,000 \pm 1.645 \times 6,662,000$ .

A conclusion that the average estimate derived from all possible sample 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

$$s_E = \sqrt{\left[ \frac{s_x^2}{n} \right] + \left[ \frac{s_y^2}{n} \right] + \left( \frac{\bar{x}}{n} \right) + \left( \frac{\bar{y}}{n} \right)} \tag{15}$$

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 31,314,000 every-day smokers that smoked an average of 13.76 cigarettes per day. In addition, suppose that 7,234,000 some-day smokers smoked an average of 2.15 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 |
|--------------------|--------------------|
| 0.30               | 3.0                |
| 0.79               | 3.8                |
| 1.38               | 3.0                |
| 1.89               | 1.7                |
| 4.00               | 7.3                |
| 5.5                | 31.5               |
| 15.5               | 38.8               |
| 25.5               | 6.2                |
| 35.5               | 4.0                |
| 61.5               | 0.8                |

where  $\bar{x}$ , the average amount smoked by all current smokers, is found using Formula (11) as

$$\begin{aligned}\bar{x} &= (0.030 \times 0.30) + (0.038 \times 0.79) + (0.030 \times 1.38) + (0.017 \times 1.89) + (0.073 \times 4.00) \\ &\quad + (0.315 \times 5.5) + (0.388 \times 15.5) + (0.062 \times 25.5) + (0.040 \times 35.5) + (0.008 \times 61.5) \\ &= 11.64\end{aligned}$$

Use the appropriate parameters from Table 6, 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

| <b>Illustration 10</b>   |                |
|--|----------------|
| Average amount of cigarettes smoked per day $\bar{x}$                      | 11.64          |
| Estimated population of every-day smokers ( $E$ )                          | 31,314,000     |
| Standard error ( )   | 395,000        |
| Estimated population of some-day smokers ( $P$ )                           | 7,234,000      |
| Standard error ( )   | 201,000        |
| Average amount of cigarettes smoked per day by every-day smokers ( $C_1$ ) | 13.76          |
| Standard error ( )   | 0.123          |
| Average amount of cigarettes smoked per day by some-day smokers ( $C_2$ )  | 2.15           |
| Standard error ( )   | 0.043          |
| Standard error   | 0.114          |
| 90-percent confidence interval   | 11.45 to 11.83 |

The standard error for  $\bar{x}$  is calculated as

$$\begin{aligned}
 s_{\bar{x}} = & \left[ \left( \frac{7,234,000(13.76 - 2.15)}{(31,314,000 + 7,234,000)^2} \right)^2 \times 395,000^2 + \left( \frac{31,314,000(13.76 - 2.15)}{(31,314,000 + 7,234,000)^2} \right)^2 \times 201,000^2 \right. \\
 & \left. + \left( \frac{31,314,000}{31,314,000 + 7,234,000} \right)^2 \times 0.123^2 + \left( \frac{7,234,000}{31,314,000 + 7,234,000} \right)^2 \times 0.043^2 \right]^{1/2} \\
 = & 0.114
 \end{aligned}$$

The 90-percent confidence interval is calculated as  $11.64 \pm 1.645 \times 0.114$ .

A conclusion that the average estimate derived from all possible sample 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 email at [dsmd.source.and.accuracy@census.gov](mailto:dsmd.source.and.accuracy@census.gov).

**Table 4. Parameters for Computation of Standard Errors for Labor Force Characteristics:  
May and August 2006, January 2007**

| Characteristic  | a         | b     |
|---|-----------|-------|
| <b>Total or White</b>   |           |       |
| <b>Civilian labor force, employed</b>                                     | -0.000016 | 3,068 |
| <i>Not in labor force</i>   | -0.000009 | 1,833 |
| <i>Unemployed</i>   | -0.000016 | 3,096 |
| <b>Civilian labor force, employed, not in labor force, and unemployed</b> |           |       |
| Men   | -0.000032 | 2,971 |
| Women   | -0.000031 | 2,782 |
| Both sexes, 16 to 19 years  | -0.000022 | 3,096 |
| <b>Black</b>  |           |       |
| <b>Civilian labor force, employed, not in labor force, and unemployed</b> |           |       |
| Total   | -0.000151 | 3,455 |
| Men   | -0.000311 | 3,357 |
| Women   | -0.000252 | 3,062 |
| Both sexes, 16 to 19 years  | -0.001632 | 3,455 |
| <b>Hispanic</b>   |           |       |
| <b>Civilian labor force, employed, not in labor force, and unemployed</b> |           |       |
| Total   | -0.000141 | 3,455 |
| Men   | -0.000253 | 3,357 |
| Women   | -0.000266 | 3,062 |
| Both sexes, 16 to 19 years  | -0.001528 | 3,455 |
| <b>Asian, AIAN, NHOPI</b>   |           |       |
| <b>Civilian labor force, employed, not in labor force, and unemployed</b> |           |       |
| Total   | -0.000346 | 3,198 |
| Men   | -0.000729 | 3,198 |
| Women   | -0.000659 | 3,198 |
| Both sexes, 16 to 19 years  | -0.004146 | 3,198 |

Notes: (1) These parameters are to be applied to basic CPS monthly labor force estimates.  
(2) See Table 3 and "General Notes for Tables 4, 5, and 6" on page 24.

**Table 5. Parameters for Computation of Standard Errors for Tobacco Use Characteristics  
Using Non response Weights: May and August 2006, January 2007**

| Characteristic               | Total or White |       | Black     |       | Hispanic  |       | Asian, AIAN,<br>NHOPI |       |
|------------------------------|----------------|-------|-----------|-------|-----------|-------|-----------------------|-------|
|                              | a              | b     | a         | b     | a         | b     | a                     | b     |
| <b>One month</b>             |                |       |           |       |           |       |                       |       |
| Both sexes                   | -0.000018      | 4,323 | -0.000104 | 4,636 | -0.000111 | 3,964 | -0.000280             | 4,636 |
| Male or female               | -0.000037      | 4,323 | -0.000208 | 4,636 | -0.000223 | 3,964 | -0.000560             | 4,636 |
| <b>Two combined months</b>   |                |       |           |       |           |       |                       |       |
| Both sexes                   | -0.000010      | 2,262 | -0.000054 | 2,426 | -0.000058 | 2,074 | -0.000146             | 2,426 |
| Male or female               | -0.000019      | 2,262 | -0.000109 | 2,426 | -0.000116 | 2,074 | -0.000293             | 2,426 |
| <b>Three combined months</b> |                |       |           |       |           |       |                       |       |
| Both sexes                   | -0.000007      | 1,575 | -0.000038 | 1,689 | -0.000041 | 1,444 | -0.000102             | 1,689 |
| Male or female               | -0.000013      | 1,575 | -0.000076 | 1,689 | -0.000081 | 1,444 | -0.000204             | 1,689 |

Notes: (1) These parameters are to be applied to the May and August 2006, January 2007 TUS data.  
(2) See Table 3 and “General Notes for Tables 4, 5, and 6” on page 24.

**Table 6. Parameters for Computation of Standard Errors for Tobacco Use Characteristics  
Using Self response Weights: May and August 2006, January 2007**

| Characteristic               | Total or White |       | Black     |       | Hispanic  |       | Asian, AIAN,<br>NHOPI |       |
|------------------------------|----------------|-------|-----------|-------|-----------|-------|-----------------------|-------|
|                              | a              | b     | a         | b     | a         | b     | a                     | b     |
| <b>One month</b>             |                |       |           |       |           |       |                       |       |
| Both sexes                   | -0.000024      | 5,745 | -0.000137 | 6,080 | -0.000165 | 5,858 | -0.000367             | 6,080 |
| Male or female               | -0.000049      | 5,745 | -0.000273 | 6,080 | -0.000329 | 5,858 | -0.000734             | 6,080 |
| <b>Two combined months</b>   |                |       |           |       |           |       |                       |       |
| Both sexes                   | -0.000013      | 3,006 | -0.000071 | 3,181 | -0.000086 | 3,065 | -0.000192             | 3,181 |
| Male or female               | -0.000026      | 3,006 | -0.000143 | 3,181 | -0.000172 | 3,065 | -0.000384             | 3,181 |
| <b>Three combined months</b> |                |       |           |       |           |       |                       |       |
| Both sexes                   | -0.000009      | 2,093 | -0.000050 | 2,215 | -0.000060 | 2,134 | -0.000134             | 2,215 |
| Male or female               | -0.000018      | 2,093 | -0.000100 | 2,215 | -0.000120 | 2,134 | -0.000267             | 2,215 |

Notes: (1) These parameters are to be applied to the May and August 2006, January 2007 TUS data.  
(2) See Table 3 and “General Notes for Tables 4, 5, and 6” on page 24.



## General Notes for Tables 4, 5, and 6

1. AIAN, NHOPI are American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, respectively.
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 and Table 3.
3. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates as also described in Table 3.
4. For nonmetropolitan characteristics, the  $a$  and  $b$  parameters should be multiplied 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.
5. *For foreign-born and noncitizens characteristics for Total and White, the  $a$  and  $b$  parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizens characteristics for Black, Hispanic, and Asian, AIAN, NHOPI parameters.*
6. *For the group self-classified as having two or more races, use Asian, AIAN, NHOPI parameters for all characteristics except for labor force and educational attainment characteristics, in which case use Black parameters.*

**Table 7. State Populations and Factors for Monthly, 2 Month, and 3 Month State Parameters and Standard Errors: May and August 2006, January 2007**

| State                | One month factor | Two combined months factor | Three combined months factor | January 2007 population |
|----------------------|------------------|----------------------------|------------------------------|-------------------------|
| Alabama              | 1.09             | 1.07                       | 1.06                         | 4,548,723               |
| Alaska               | 0.18             | 0.18                       | 0.18                         | 647,501                 |
| Arizona              | 1.13             | 1.09                       | 1.05                         | 6,173,378               |
| Arkansas             | 0.70             | 0.69                       | 0.68                         | 2,775,522               |
| California           | 1.14             | 1.09                       | 1.05                         | 36,047,883              |
| Colorado             | 1.14             | 1.10                       | 1.07                         | 4,714,143               |
| Connecticut          | 0.91             | 0.87                       | 0.83                         | 3,447,274               |
| Delaware             | 0.23             | 0.22                       | 0.21                         | 844,342                 |
| District of Columbia | 0.18             | 0.17                       | 0.17                         | 568,570                 |
| Florida              | 1.10             | 1.06                       | 1.01                         | 17,917,612              |
| Georgia              | 1.11             | 1.08                       | 1.05                         | 9,254,699               |
| Hawaii               | 0.31             | 0.29                       | 0.28                         | 1,242,757               |
| Idaho                | 0.35             | 0.35                       | 0.35                         | 1,459,548               |
| Illinois             | 1.13             | 1.09                       | 1.06                         | 12,683,998              |
| Indiana              | 1.11             | 1.09                       | 1.07                         | 6,247,296               |
| Iowa                 | 0.79             | 0.78                       | 0.76                         | 2,941,578               |
| Kansas               | 0.74             | 0.73                       | 0.72                         | 2,712,205               |
| Kentucky             | 1.11             | 1.08                       | 1.05                         | 4,139,164               |
| Louisiana            | 1.09             | 1.06                       | 1.03                         | 4,205,651               |
| Maine                | 0.42             | 0.40                       | 0.39                         | 1,305,778               |
| Maryland             | 1.16             | 1.11                       | 1.07                         | 5,529,918               |
| Massachusetts        | 1.11             | 1.06                       | 1.02                         | 6,354,460               |
| Michigan             | 1.13             | 1.10                       | 1.07                         | 9,966,777               |
| Minnesota            | 1.11             | 1.08                       | 1.05                         | 5,121,705               |
| Mississippi          | 0.73             | 0.73                       | 0.72                         | 2,857,687               |
| Missouri             | 1.15             | 1.12                       | 1.10                         | 5,759,080               |
| Montana              | 0.25             | 0.25                       | 0.24                         | 933,542                 |
| Nebraska             | 0.47             | 0.46                       | 0.45                         | 1,741,623               |
| Nevada               | 0.65             | 0.63                       | 0.60                         | 2,503,087               |
| New Hampshire        | 0.37             | 0.35                       | 0.34                         | 1,304,002               |
| New Jersey           | 1.14             | 1.09                       | 1.04                         | 8,624,497               |
| New Mexico           | 0.51             | 0.49                       | 0.48                         | 1,938,735               |
| New York             | 1.16             | 1.12                       | 1.08                         | 19,036,126              |
| North Carolina       | 1.13             | 1.11                       | 1.10                         | 8,728,033               |
| North Dakota         | 0.17             | 0.17                       | 0.16                         | 620,535                 |
| Ohio                 | 1.13             | 1.11                       | 1.09                         | 11,312,764              |
| Oklahoma             | 0.94             | 0.92                       | 0.89                         | 3,507,352               |
| Oregon               | 1.00             | 0.99                       | 0.98                         | 3,685,923               |
| Pennsylvania         | 1.13             | 1.09                       | 1.06                         | 12,240,767              |
| Rhode Island         | 0.30             | 0.28                       | 0.27                         | 1,047,267               |
| South Carolina       | 1.11             | 1.08                       | 1.05                         | 4,257,255               |
| South Dakota         | 0.18             | 0.17                       | 0.17                         | 767,328                 |
| Tennessee            | 1.12             | 1.09                       | 1.06                         | 5,978,253               |
| Texas                | 1.14             | 1.12                       | 1.11                         | 23,229,752              |
| Utah                 | 0.54             | 0.53                       | 0.53                         | 2,554,851               |
| Vermont              | 0.19             | 0.18                       | 0.17                         | 618,823                 |
| Virginia             | 1.12             | 1.08                       | 1.06                         | 7,443,074               |
| Washington           | 1.15             | 1.14                       | 1.13                         | 6,333,357               |
| West Virginia        | 0.41             | 0.40                       | 0.39                         | 1,794,736               |
| Wisconsin            | 1.13             | 1.09                       | 1.06                         | 5,490,531               |
| Wyoming              | 0.15             | 0.14                       | 0.14                         | 509,300                 |

Note: The state population counts in this table are for the 0+ population.

*Table 8. Regional Populations and Factors for Monthly, 2 Month, and 3 Month Regional Parameters and Standard Errors: May and August 2006, January 2007*

| Region    | One month factor | Two combined months factor | Three combined months factor | January 2007 population |
|-----------|------------------|----------------------------|------------------------------|-------------------------|
| Midwest   | 1.06             | 1.03                       | 1.01                         | 65,365,420              |
| Northeast | 1.06             | 1.02                       | 0.98                         | 53,978,994              |
| South     | 1.07             | 1.04                       | 1.01                         | 107,580,343             |
| West      | 1.02             | 0.98                       | 0.95                         | 68,744,005              |

Note: The regional population counts in this table are for the 0+ population.

### References

- [1] Bureau of Labor Statistics. 1994. *Employment and Earnings*. Volume 41 Number 5, May 1994. Washington, DC: Government Print Office.
- [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>)
- [3] National Cancer Institute and Centers for Disease Control and Prevention, 2008. *2006-2007 Tobacco Use Supplement to the Current Population Survey*  
(<http://riskfactor.cancer.gov/studies/tus-cps/>).  
National Cancer Institute, 2006 and earlier dates. *2003 Tobacco Use Supplement to the Current Population Survey* and preceding Tobacco Use Supplements from 1992 to 2001-2002  
(<http://riskfactor.cancer.gov/studies/tus-cps/>).
- [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 of Statistical Methodology, U.S. Department of Commerce, Washington, DC. (<http://www.fcsm.gov/working-papers/spp.html>)

## ATTACHMENT 17

### USER NOTES

This section will contain information relevant to the *Current Population Survey, January 2007: Tobacco Use Supplement File* that becomes available after the file is released. The cover letter to the updated information should be filed behind this page.