

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 Number</u>	<u>Record 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 Noninstitutional Population	Civilian Labor Force	Employed	Unemployed	Not in Labor Force

January 1993 Data (000's)					
Final Weights	192,644	126,115	116,113	10,002	66,529
Composited (Not Seasonally Adjusted)	192,644	126,034	116,123	9,911	66,610
Composited (Seasonally Adjusted)	192,644	127,083	118,071	9,013	65,561

July 1993 Data (000's)					
Final Weights	193,633	130,399	121,450	8,949	63,234
Composited (Not Seasonally Adjusted)	193,633	130,324	121,323	9,002	63,309
Composited (Seasonally Adjusted)	193,633	128,070	119,301	8,769	65,563

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
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Additional valid entries for unedited items: -1 (blank), -2 (don't know), -3 (refused).			
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HRHHID	15	HOUSEHOLD IDENTIFIER (Part 1)	1 - 15
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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
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EDITED UNIVERSE:
ALL HHLDs IN SAMPLE

VALID ENTRIES

01	MIN VALUE
12	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
HRYEAR4	4	YEAR OF INTERVIEW EDITED UNIVERSE: ALL HHLDs IN SAMPLE <u>VALID ENTRIES</u> 1998 MIN VALUE 2999 MAX VALUE	18 - 21
HURESPLI	2	LINE NUMBER OF THE CURRENT RESPONDENT <u>VALID ENTRIES</u> 0 MIN VALUE 99 MAX VALUE	22 - 23
HUFINAL	3	FINAL OUTCOME CODE OUTCOME CODES BETWEEN 001 AND 200 ARE FOR CATI. ALL OTHER OUTCOME CODES ARE FOR CAPI. <u>VALID ENTRIES</u> 200 NEW INTERVIEW - NOT CONTACTED 201 FULLY COMPLETE CATI INTERVIEW 202 PARTIALLY COMPLETED CATI INTERVIEW 205 LABOR FORCE COMPLETE, SUPPLEMENT INCOMPLETE - CATI 024 HH OCCUPIED ENTIRELY BY ARMED FORCES MEMBERS 115 PARTIAL INTERVIEW WITH CALLBACK PLANNED - CATI 200 NEW INTERVIEW - CONTACTED 201 CAPI COMPLETE 202 CALLBACK NEEDED 203 SUFFICIENT PARTIAL - PRECLOSEOUT 204 SUFFICIENT PARTIAL - AT CLOSEOUT 205 LABOR FORCE COMPLETE, - SUPPL. INCOMPLETE - CAPI 210 CAPI COMPLETE REINTERVIEW 216 NO ONE HOME 217 TEMPORARILY ABSENT 218 REFUSED 219 OTHER OCCUPIED - SPECIFY 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: 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: HRINTSTA = 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: 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? EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1 <u>VALID ENTRIES</u> 1 YES 2 NO	37 - 38
HUFAMINC	2	FAMILY INCOME (COMBINED INCOME OF ALL FAMILY MEMBERS DURING THE LAST 12 MONTHS. INCLUDES MONEY FROM JOBS, NET INCOME FROM BUSINESS, FARM OR RENT, PENSIONS, DIVIDENDS, INTEREST, SOCIAL SECURITY PAYMENTS AND ANY OTHER MONEY INCOME RECEIVED BY FAMILY MEMBERS WHO ARE 15 YEARS OF AGE OR OLDER.) <u>VALID ENTRIES</u> 1 LESS THAN \$5,000 2 5,000 TO 7,499 3 7,500 TO 9,999 4 10,000 TO 12,499 5 12,500 TO 14,999 6 15,000 TO 19,999 7 20,000 TO 24,999 8 25,000 TO 29,999 9 30,000 TO 34,999 10 35,000 TO 39,999 11 40,000 TO 49,999 12 50,000 TO 59,999 13 60,000 TO 74,999 14 75,000 TO 99,999 15 100,000 TO 149,999 16 150,000 OR MORE	39 - 40
HUTYPEA	2	TYPE A NONINTERVIEW REASON <u>VALID ENTRIES</u> 1 NO ONE HOME (NOH) 2 TEMPORARILY ABSENT (TA) 3 REFUSED (REF) 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 W/ URE	
		3 VACANT-STORAGE OF HHLD FURNITURE	
		4 UNFIT OR TO BE DEMOLISHED	
		5 UNDER CONSTRUCTION, NOT READY	
		6 CONVERTED TO TEMP BUSINESS OR STORAGE	
		7 UNOCCUPIED TENT SITE OR T RAILER SITE	
		8 PERMIT GRANTED CONSTRUCTION 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 OR STORAGE	
		5 MERGED	
		6 CONDEMNED	
		8 UNUSED LINE OF LISTING SHEET	
		9 OTHER - SPECIFY	
HWHHWGT	10	HOUSEHOLD WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR TALLYING HOUSEHOLD CHARACTERISTICS	47 - 56
		EDITED UNIVERSE: HPRINTSTA = 1	

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

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

NAME	SIZE	DESCRIPTION	LOCATION
HRHHID2	5	HOUSEHOLD IDENTIFIER (part 2) EDITED UNIVERSE: ALL HHL'D's IN SAMPLE Part 1 of this number is found in columns 1-15 of the record. Concatenate this item with Part 1 for matching forward in time. The component parts of this number are as follows: 71-72 Numeric component of the sample number (HRSAMPLE) 73-74 Serial suffix-converted to numerics (HRSERSUF) 75 Household Number (HUHHNUM)	71 - 75
FILLER	3	Filler	76 - 78
HUBUS	2	DOES ANYONE IN THIS HOUSEHOLD HAVE A BUSINESS OR A FARM? <u>VALID ENTRIES</u> 1 YES 2 NO	79 - 80
HUBUSL1	2	ENTER LINE NUMBER FOR HUBUS = 1 <u>VALID ENTRIES</u> 01 MIN VALUE 99 MAX VALUE	81 - 82
HUBUSL2	2	See BUSL1 <u>VALID ENTRIES</u> 1 MIN VALUE 99 MAX VALUE	83 - 84

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

NAME	SIZE	DESCRIPTION	LOCATION
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A2. GEOGRAPHIC INFORMATION

GEREG	2	REGION	89 - 90
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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
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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 PROCESSING STANDARDS (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
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NAME	SIZE	DESCRIPTION	LOCATION
GTCBSA	5	Metropolitan CBSA FIPS CODE EDITED UNIVERSE: ALL HHLD's IN SAMPLE <u>VALID ENTRIES</u> 00000 NOT IDENTIFIED OR NONMETROPOLITAN 00460 MIN VALUE 79600 MAX VALUE SPECIFIC METROPOLITAN CBSA CODE (SEE GEOGRAPHIC ATTACHMENT)	96 - 100
GTCO	3	FIPS COUNTY CODE EDITED UNIVERSE: ALL HHLD's IN SAMPLE <u>VALID ENTRIES</u> 000 NOT IDENTIFIED 001-810 SPECIFIC COUNTY CODE (SEE ATTACHMENT 13) NOTE: THIS CODE MUST BE USED IN COMBINATION WITH A STATE CODE (GESTFIPS or GESTCEN) IN ORDER TO UNIQUELY IDENTIFY A COUNTY. ALSO, MOST COUNTIES ARE <u>NOT</u> IDENTIFIED.	101 - 103
GTCBSAST	1	PRINCIPAL CITY/BALANCE STATUS EDITED UNIVERSE: ALL HHLD's IN SAMPLE <u>VALID ENTRIES</u> 1 = PRINCIPAL CITY 2 = BALANCE 3 = NONMETROPOLITAN 4 = NOT IDENTIFIED	104 - 104

NAME	SIZE	DESCRIPTION	LOCATION
GTMETSTA	1	METROPOLITAN STATUS	105 - 105
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		1 METROPOLITAN	
		2 NONMETROPOLITAN	
		3 NOT IDENTIFIED	
GTINDVPC	1	INDIVIDUAL PRINCIPAL CITY	106 - 106
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		0 NOT IDENTIFIED, NONMETROPOLITAN, or NOT A CENTRAL CITY	
		1-7 SPECIFIC PRINCIPAL CITY CODE (SEE GEOGRAPHIC ATTACHMENT) NOTE: WHENEVER POSSIBLE THIS CODE IDENTIFIES SPECIFIC PRINCIPAL CITIES IN A METROPOLITAN AREA THAT HAS MULTIPLE PRINCIPAL CITIES. THIS CODE MUST BE USED IN COMBINATION WITH THE CBSA FIPS CODE (GTCBSA) IN ORDER TO UNIQUELY IDENTIFY A SPECIFIC CITY.	
GTCBSASZ	1	Metropolitan Area (CBSA) SIZE	107 - 107
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		0 = NOT IDENTIFIED OR 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: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		000 NOT IDENTIFIED OR NONMETROPOLITAN	
		118 MIN VALUE	
		720 MAX VALUE	
		SPECIFIC CSA CODE (SEE GEOGRAPHIC ATTACHMENT)	
FILLER	3	Filler	111 - 113

NAME	SIZE	DESCRIPTION	LOCATION
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A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS

PROLDRRP	2	RELATIONSHIP TO REFERENCE PERSON (RECODE) Eliminated February 2005	114 - 115
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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
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NAME	SIZE	DESCRIPTION	LOCATION
PUPELIG	2	INTERVIEW STATUS OF EACH PERSON 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 PERSON	118 - 119
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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. 16 HOUSEMATE/ROOMMATE W/OUT RELS. 17 ROOMER/BOARDER W/RELS. 18 ROOMER/BOARDER W/OUT RELS. SEE LOCATION 114 - 115 FOR THE COLLAPSED VERSION	
PEPARENT	2	LINE NUMBER OF PARENT EDITED UNIVERSE: EVERY PERSON <u>VALID ENTRIES</u> -1 NO PARENT 01 MIN VALUE 99 MAX VALUE	120 - 121
PEAGE	2	PERSONS AGE AS OF THE END OF SURVEY WEEK EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3 <u>VALID ENTRIES</u> 00-79 Age in Years 80 80-84 Years Old 85 85+ Years Old	122 - 123
PRTFAGE	1	TOP CODE FLAG FOR AGE <u>VALID ENTRIES</u> 0 NO TOP CODE 1 TOP CODED VALUE FOR AGE	124 - 124

NAME	SIZE	DESCRIPTION	LOCATION
PEMARITL	2	MARITAL STATUS	125 - 126
		EDITED UNIVERSE: 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: PEMARITL = 1	
		<u>VALID ENTRIES</u>	
		-1 NO SPOUSE	
		01 MIN VALUE	
		99 MAX VALUE	
PESEX	2	SEX	129 - 130
		EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3	
		<u>VALID ENTRIES</u>	
		1 MALE	
		2 FEMALE	
PEAFEVER	2	DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES?	131 - 132
		<u>EDITED UNIVERSE:</u> PEAGE >=17	
		<u>VALID ENTRIES</u>	
		1 YES	
		2 NO	

NAME	SIZE	DESCRIPTION	LOCATION
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 * Starting August 2005 *

FILLER	2	Filler	133 - 134
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PEAFNOW	2	ARE YOU NOW IN THE ARMED FORCES	135 - 136
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EDITED UNIVERSE:
 PRPERTYP = 2 or 3

VALID ENTRIES

1 YES
 2 NO

PEEDUCA	2	HIGHEST LEVEL OF SCHOOL COMPLETED OR DEGREE RECEIVED EDITED UNIVERSE: PRPERTYP = 2 OR 3	137 - 138
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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 ORIGIN GROUP	141 - 142
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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
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PULINENO	2	PERSON'S LINE NUMBER	147 - 148
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VALID ENTRIES

01	MIN VALUE
99	MAX VALUE

FILLER	2	Filler	149 - 150
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PRFAMNUM	2	FAMILY NUMBER RECODE	151 - 152
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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 12 SUBFAMILY NO. 12 MEMBER 13 SUBFAMILY NO. 13 MEMBER 14 SUBFAMILY NO. 14 MEMBER 15 SUBFAMILY NO. 15 MEMBER 16 SUBFAMILY NO. 16 MEMBER 17 SUBFAMILY NO. 17 MEMBER 18 SUBFAMILY NO. 18 MEMBER 19 SUBFAMILY NO. 19 MEMBER	
PRFAMREL	2	FAMILY RELATIONSHIP RECODE	153 - 154
		EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3	
		<u>VALID ENTRIES</u>	
		0 NOT A FAMILY MEMBER 1 REFERENCE PERSON 2 SPOUSE 3 CHILD 4 OTHER RELATIVE (PRIMARY FAMILY & UNREL)	
PRFAMTYP	2	FAMILY TYPE RECODE	155 - 156
		EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3	
		<u>VALID ENTRIES</u>	
		1 PRIMARY FAMILY 2 PRIMARY INDIVIDUAL 3 RELATED SUBFAMILY 4 UNRELATED SUBFAMILY 5 SECONDARY INDIVIDUAL	
PEHSPNON	2	HISPANIC OR NON-HISPANIC	157 - 158
		EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3	
		<u>VALID ENTRIES</u>	
		1 HISPANIC 2 NON-HISPANIC	

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

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

VALID ENTRIES

- 1 = NOT IN UNIVERSE (BORN IN U.S.)
- 00 = NOT FOREIGN BORN
- 01 = BEFORE 1950
- 02 = 1950-1959
- 03 = 1960-1964
- 04 = 1965-1969
- 05 = 1970-1974
- 06 = 1975-1979
- 07 = 1980-1981
- 08 = 1982-1983
- 09 = 1984-1985
- 10 = 1986-1987
- 11 = 1988-1989
- 12 = 1990-1991
- 13 = 1992-1993
- 14 = 1994-1995
- 15 = 1996-1997
- 16 = 1998-1999
- 17 = 2000-2001
- 18 = 2002-2004

 * STARTING JANUARY 2005 *

18 = 2002-2005

NAME	SIZE	DESCRIPTION	LOCATION
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A4. PERSONS INFORMATION LABOR FORCE ITEMS

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

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

PEMLR	2	MONTHLY LABOR FORCE RECODE EDITED UNIVERSE: PRPERTYP = 2	180 - 181
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VALID ENTRIES

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

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION
PUBUSCK4	2	CHECK ITEM 4 <u>VALID ENTRIES</u> 1 GOTO PUHRUSL1 2 GOTO PUABSPD	194 - 195
PURETOT	2	RETIREMENT STATUS (LAST MONTH YOU WERE REPORTED TO BE RETIRED, ARE YOU STILL RETIRED THIS MONTH?) <u>VALID ENTRIES</u> 1 YES 2 NO 3 WAS NOT RETIRED LAST MONTH	196 - 197
PUDIS	2	DISABILITY STATUS (LAST MONTH YOU WERE REPORTED TO HAVE A DISABILITY.) DOES YOUR DISABILITY CONTINUE TO PREVENT YOU FROM DOING ANY KIND OF WORK FOR THE NEXT 6 MONTHS? <u>VALID ENTRIES</u> 1 YES 2 NO 3 DID NOT HAVE DISABILITY LAST MONTH	198 - 199
PERET1	2	DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART-TIME? EDITED UNIVERSE: PEMLR = 5 AND (PURETOT = 1 OR (PUWK = 3 AND PEAGE >= 50) OR (PUABS = 3 AND PEAGE >= 50) OR (PULAY = 3 AND PEAGE >= 50)) <u>VALID ENTRIES</u> 1 YES 2 NO 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: PEMLR = 2</p> <p><u>VALID ENTRIES</u></p> <p>1 ON LAYOFF 2 SLACK WORK/BUSINESS CONDITIONS 3 WAITING FOR A NEW JOB TO BEGIN 4 VACATION/PERSONAL DAYS 5 OWN ILLNESS/INJURY/MEDICAL PROBLEMS 6 CHILD CARE PROBLEMS 7 OTHER FAMILY/PERSONAL OBLIGATION 8 MATERNITY/PATERNITY LEAVE 9 LABOR DISPUTE 10 WEATHER AFFECTED JOB 11 SCHOOL/TRAINING 12 CIVIC/MILITARY DUTY 13 DOES NOT WORK IN THE BUSINESS 14 OTHER (SPECIFY)</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: PEABSRSN = 4-12, 14</p> <p><u>VALID ENTRIES</u></p> <p>1 YES 2 NO</p>	212 - 213
PEMJOT	2	<p>DO YOU HAVE MORE THAN ONE JOB?</p> <p>EDITED UNIVERSE: PEMLR = 1, 2</p> <p><u>VALID ENTRIES</u></p> <p>1 YES 2 NO</p>	214 - 215

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

NAME	SIZE	DESCRIPTION	LOCATION
PEHRFTPT	2	DO YOU USUALLY WORK 35 HOURS OR MORE PER WEEK? EDITED UNIVERSE: PEHRUSL1 = -4 OR PEHRUSL2 = -4 <u>VALID ENTRIES</u> 1 YES 2 NO 3 HOURS VARY	222 - 223
PEHRUSLT	3	SUM OF HRUSL1 AND HRUSL2. EDITED UNIVERSE: PEMLR = 1 OR 2 <u>VALID ENTRIES</u> -4 VARIES 0 MIN VALUE 198 MAX VALUE	224 - 226
PEHRWANT	2	DO YOU WANT TO WORK A FULL-TIME WORKWEEK OF 35 HOURS OR MORE PER WEEK? EDITED UNIVERSE: PEMLR = 1 AND (PEHRUSLT = 0-34 PEHRFTPT = 2) <u>VALID ENTRIES</u> 1 YES 2 NO 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: PEHRWANT = 1 (PEMLR = 1 AND PEHRUSLT < 35) <u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> 1 SLACK WORK/BUSINESS CONDITIONS 2 COULD ONLY FIND PART-TIME WORK 3 SEASONAL WORK 4 CHILD CARE PROBLEMS 5 OTHER FAMILY/PERSONAL OBLIGATIONS 6 HEALTH/MEDICAL LIMITATIONS 7 SCHOOL/TRAINING 8 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS 9 FULL-TIME WORKWEEK IS LESS THAN 35 HRS 10 OTHER - SPECIFY 	229 - 230
PEHRRSN2	2	<p>WHAT IS THE MAIN REASON YOU DO NOT WANT TO WORK FULL-TIME?</p> <p>EDITED UNIVERSE: PEHRWANT = 2 (PEMLR = 1 AND PEHRUSLT < 35) <u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> 1 CHILD CARE PROBLEMS 2 OTHER FAMILY/PERSONAL OBLIGATIONS 3 HEALTH/MEDICAL LIMITATIONS 4 SCHOOL/TRAINING 5 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS 6 FULL-TIME WORKWEEK LESS THAN 35 HOURS 7 OTHER - SPECIFY 	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: PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2 (PEMLR = 1 AND PEHRUSLT = 35+)</p> <p><u>VALID ENTRIES</u></p> <p>1 SLACK WORK/BUSINESS CONDITIONS 2 SEASONAL WORK 3 JOB STARTED OR ENDED DURING WEEK 4 VACATION/PERSONAL DAY 5 OWN ILLNESS/INJURY/MEDICAL APPOINTMENT 6 HOLIDAY (LEGAL OR RELIGIOUS) 7 CHILD CARE PROBLEMS 8 OTHER FAMILY/PERSONAL OBLIGATIONS 9 LABOR DISPUTE 10 WEATHER AFFECTED JOB 11 SCHOOL/TRAINING 12 CIVIC/MILITARY DUTY 13 OTHER REASON</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 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 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? <u>VALID ENTRIES</u> 1 YES 2 NO	239 - 240
PUHROT2	2	HOW MANY ADDITIONAL HOURS DID YOU WORK? <u>VALID ENTRIES</u> 0 MIN VALUE 99 MAX VALUE	241 - 242
PEHRACT1	2	LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR JOB? EDITED UNIVERSE: PEMLR = 1 <u>VALID ENTRIES</u> 0 MIN VALUE 99 MAX VALUE	243 - 244
PEHRACT2	2	LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR OTHER (JOB/JOBS) EDITED UNIVERSE: PEMLR = 1 AND PEMJOT = 1 <u>VALID ENTRIES</u> 0 MIN VALUE 99 MAX VALUE	245 - 246

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

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK2	2	CHECK ITEM 2 SKIPS PERSONS RESPONDING YES TO 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
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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 IN HRFTPT THEN GOTO HRACT1	
		2) IF ENTRY OF 2, D OR R IN BUS2 THEN GOTO HROFF1	
		3) IF HRUSLT IS 0-34 THEN GOTO HRWANT	
		4) IF ENTRY OF 2 IN HRFTPT THEN GOTO HRWANT	
		5) ALL OTHERS GOTO HRACT1	
PUHRCK5	2	CHECK ITEM 5	265 - 266
		<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 ENTRY OF 2, D, R IN BUS2 THEN GOTO LK	
		2) IF HRACT1 AND HRACT2 EQ 0 THEN STORE 1 IN ABSOT AND GOTO ABSRSN	
		3) ALL OTHERS GOTO HRACTT-C	
PUHRCK7	2	CHECK ITEM 7	269 - 270
		<u>VALID ENTRIES</u>	
		1) (IF ENTRY OF 2, D OR R IN BUS2) AND (HRACT1 LESS THAN 15 OR D) GOTO HRCK8	
		2) (IF ENTRY OF 2, D OR R IN BUS2) AND (HRACT1 IS 15+) GOTO HRCK8	
		3) (IF HRUSLT IS 35+ OR IF ENTRY OF 1 IN HRFTPT) AND (HRACTT < 35) AND ENTRY IN HRACT1 OR HRACT2 ISN'T D OR R THEN GOTO HRRSN3	

NAME	SIZE	DESCRIPTION	LOCATION
		4) IF ENTRY OF 1 IN HRWANT AND HRACTT < 35 AND (ENTRY OF 1, 2, 3 IN HRRSN1) GOTO HRAVL 5) ALL OTHERS GOTO HRCK8	
PUHRCK12	2	CHECK ITEM 12	271 - 272
		<u>VALID ENTRIES</u>	
		1) IF ENTRY OF 2, D OR R IN BUS2 AND HRACTT IS LESS THAN 15 OR D GOTO LK 2) ALL OTHERS GOTO IOCK1	
PULAYDT	2	HAS YOUR EMPLOYER GIVEN YOU A DATE TO RETURN TO WORK?	273 - 274
		<u>VALID ENTRIES</u>	
		1 YES 2 NO	
PULAY6M	2	HAVE YOU BEEN GIVEN ANY INDICATION THAT YOU WILL BE RECALLED TO WORK WITHIN THE NEXT 6 MONTHS?	275 - 276
		<u>VALID ENTRIES</u>	
		1 YES 2 NO	
PELAYAVL	2	COULD YOU HAVE RETURNED TO WORK LAST WEEK IF YOU HAD BEEN RECALLED?	277 - 278
		EDITED UNIVERSE: PEMLR = 3	
		<u>VALID ENTRIES</u>	
		1 YES 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: PELAYAVL= 1, 2	
		<u>VALID ENTRIES</u>	
		1 YES	
		2 NO	
PELAYDUR	3	DURATION OF LAYOFF	283 - 285
		EDITED UNIVERSE: PELAYLK = 1, 2	
		<u>VALID ENTRIES</u>	
		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: 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 SCREEN FOR DEPENDENT LAYOFF	290 - 291
		<u>VALID ENTRIES</u>	
		1 GOTO PULAYDR3	
		2 GOTO PULAYFT	
PULAYCK3	2	CHECK ITEM 3 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 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	
		<u>VALID ENTRIES</u>	
		1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW	
		2 CONTACTED PUBLIC EMPLOYMENT AGENCY	
		3 CONTACTED PRIVATE EMPLOYMENT AGENCY	
		4 CONTACTED FRIENDS OR RELATIVES	
		5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	
		6 SENT OUT RESUMES/FILLED OUT APPLICATION	
		7 CHECKED UNION/PROFESSIONAL REGISTERS	
		8 PLACED OR ANSWERED ADS	
		9 OTHER ACTIVE	
		10 LOOKED AT ADS	
		11 ATTENDED JOB TRAINING PROGRAMS/ COURSES	
		12 NOTHING	
		13 OTHER PASSIVE	
PULKM2	2	ANYTHING ELSE? (SECOND METHOD)	298 - 299
		<u>VALID ENTRIES</u>	
		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
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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
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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 FIND WORK. HOW DID YOU GO ABOUT LOOKING? (FIRST METHOD)	308 - 309
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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/ 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
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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? (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
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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/ 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
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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
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- 6 SENT OUT RESUMES/FILLED OUT APPLICATION
- 7 CHECKED UNION/PROFESSIONAL REGISTERS
- 8 PLACED OR ANSWERED ADS
- 9 OTHER ACTIVE
- 10 LOOKED AT ADS
- 11 ATTENDED JOB TRAINING PROGRAMS/COURSES
- 13 OTHER PASSIVE

PULKPS5	2	SAME AS PULKPS2 (FIFTH METHOD)	328 - 329
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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
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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: 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: PELKAVL = 1-2	
		<u>VALID ENTRIES</u>	
		1 WORKING	
		2 SCHOOL	

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

NAME	SIZE	DESCRIPTION	LOCATION
PEDWWNTO	2	DO YOU CURRENTLY WANT A JOB, 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 LOOKING FOR WORK DURING THE LAST 4 WEEKS?	349 - 350
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EDITED UNIVERSE:
PUDWCK4 = 4, -1

VALID ENTRIES

- 1 BELIEVES NO WORK AVAILABLE IN AREA
OF EXPERTISE
- 2 COULDN'T FIND ANY WORK
- 3 LACKS NECESSARY SCHOOLING/
TRAINING
- 4 EMPLOYERS THINK TOO YOUNG OR
TOO OLD
- 5 OTHER TYPES OF DISCRIMINATION
- 6 CAN'T ARRANGE CHILD CARE
- 7 FAMILY RESPONSIBILITIES
- 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 IN THE LAST 12 MONTHS EDITED UNIVERSE: (PUDWCK4 = 1-3) or (PEDWRSN = 1-11) <u>VALID ENTRIES</u> 1 YES 2 NO	351 - 352
PEDWWK	2	DID YOU ACTUALLY WORK AT A JOB OR BUSINESS DURING THE LAST 12 MONTHS? EDITED UNIVERSE: PEDWLKO = 1 <u>VALID ENTRIES</u> 1 YES 2 NO	353 - 354
PEDW4WK	2	DID YOU DO ANY OF THIS WORK DURING THE LAST 4 WEEKS? EDITED UNIVERSE: PEDWWK = 1 <u>VALID ENTRIES</u> 1 YES 2 NO	355 - 356
PEDWLKWK	2	SINCE YOU LEFT THAT JOB OR BUSINESS HAVE YOU LOOKED FOR WORK? EDITED UNIVERSE: PEDW4WK = 2 <u>VALID ENTRIES</u> 1 YES 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: (PEDWWK = 2) or (PEDWLKWK = 1)</p> <p><u>VALID ENTRIES</u></p> <p>1 YES 2 NO</p>	359 - 360
PEDWAVR	2	<p>WHY IS THAT?</p> <p>EDITED UNIVERSE: PEDWAVL = 2</p> <p><u>VALID ENTRIES</u></p> <p>1 OWN TEMPORARY ILLNESS 2 GOING TO SCHOOL 3 OTHER</p>	361 - 362
PUDWCK1	2	<p>SCREEN FOR DISCOURAGED WORKERS</p> <p><u>VALID ENTRIES</u></p> <p>1) IF ENTRY OF 2 IN BUS2 GOTO PUSCHCK 2) IF ENTRY OF 3 ON ABSRSN GOTO PUNLFCK1 3) IF ENTRY OF 1 IN RET1, STORE 1 IN DWWNTO AND GOTO PUDWCK4 4) ALL OTHERS GOTO PUDWWNT</p>	363 - 364
PUDWCK2	2	<p>SCREEN FOR DISABLED</p> <p><u>VALID ENTRIES</u></p> <p>1) IF ENTRY IN DIS1 OR DIS2 GOTO PUJHCK1-C 2) IF ENTRY OF 4 IN DWWNT GOTO PUDIS1 3) IF ENTRY OF 5 IN DWWNT GOTO PUDIS2 4) ALL OTHERS GOTO PUDWCK4</p>	365 - 366

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: 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: 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: (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 THEN GOTO NLFCK2	
		2) IF MISCK EQUALS 4 OR 8 THEN GOTO PUJHCK2	
		3) ALL OTHERS GOTO PUNLFCK1	
PUJHCK2	2	FILTER FOR PERSONS GOING THROUGH THE I AND O SERIES	383 - 384
		<u>VALID ENTRIES</u>	
		1) IF ENTRY OF 1 IN DWWK AND I-MLR= 3, 4 THEN STORE 1 IN JHWKO, STORE DW4WK IN JHDP1O AND GOTO PUJHRSN	
		2) IF ENTRY OF 2, D OR R IN DWWK THEN STORE DWWK IN JHWKO AND GOTO PUJHWANT	
		3) ALL OTHERS GOTO PUJHWK	
PRABSREA	2	REASON NOT AT WORK AND PAY STATUS	385 - 386
		EDITED UNIVERSE: 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/ 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 EDITED UNIVERSE: PEMLR = 1-7	387 - 388
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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: 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: PEMLR = 1-7	
		<u>VALID ENTRIES</u>	
		0 UNEMPLOYED AND NILF	
		1 W/JOB, NOT AT WORK-ILLNES	
		2 W/JOB, NOT AT WORK-VACATION	
		3 W/JOB, NOT AT WORK-WEATHER AFFECTED JOB	
		4 W/JOB, NOT AT WORK-LABOR DISPUTE	
		5 W/JOB, NOT AT WORK-CHILD CARE PROBLEMS	
		6 W/JOB, NOT AT WORK-FAM/PERS OBLIGATION	
		7 W/JOB, NOT AT WORK-MATERNITY/ PATERNITY	
		8 W/JOB, NOT AT WORK-SCHOOL/ TRAINING	
		9 W/JOB, NOT AT WORK-CIVIC/MILITARY DUTY	
		10 W/JOB, NOT AT WORK-DOES NOT WORK IN BUS	
		11 W/JOB, NOT AT WORK-OTHER	
		12 AT WORK- 1-4 HRS	
		13 AT WORK- 5-14 HRS	
		14 AT WORK- 15-21 HRS	
		15 AT WORK- 22-29 HRS	
		16 AT WORK- 30-34 HRS	
		17 AT WORK- 35-39 HRS	

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

NAME	SIZE	DESCRIPTION	LOCATION
PRHRUSL	2	USUAL HOURS WORKED WEEKLY	399 - 400
		EDITED UNIVERSE: 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: PRWNTJOB = 1	
		<u>VALID ENTRIES</u>	
		1 LOOKED LAST 12 MONTHS, SINCE COMPLETING PREVIOUS JOB	
		2 LOOKED AND WORKED IN THE LAST 4 WEEKS	
		3 LOOKED LAST 4 WEEKS - LAYOFF	
		4 UNAVAILABLE JOB SEEKERS	
		5 NO RECENT JOB SEARCH	
PRPTHRS	2	AT WORK 1-34 BY HOURS AT WORK	403 - 404
		EDITED UNIVERSE: PEMLR = 1 AND PEHRACTT = 1-34	
		<u>VALID ENTRIES</u>	
		0 USUALY FT, PT FOR NONECONOMIC 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: PEMLR = 1 AND (PEHRUSLT = 0-34 OR PEHRACTT = 1-34) <u>VALID ENTRIES</u>	
		1 USU. FT-SLACK WORK/BUSINESS CONDITIONS	
		2 USU. FT-SEASONAL WORK	
		3 USU. FT-JOB STARTED/ENDED DURING WEEK	
		4 USU. FT-VACATION/PERSONAL DAY	
		5 USU. FT-OWN ILLNESS/INJURY/MEDICAL APPOINTMENT	
		6 USU. FT-HOLIDAY (RELIGIOUS OR LEGAL)	
		7 USU. FT-CHILD CARE PROBLEMS	
		8 USU. FT-OTHER FAM/PERS OBLIGATIONS	
		9 USU. FT-LABOR DISPUTE	
		10 USU. FT-WEATHER AFFECTED JOB	
		11 USU. FT-SCHOOL/TRAINING	
		12 USU. FT-CIVIC/MILITARY DUTY	
		13 USU. FT-OTHER REASON	
		14 USU. PT-SLACK WORK/BUSINESS CONDITIONS	
		15 USU. PT-COULD ONLY FIND PT WORK	
		16 USU. PT-SEASONAL WORK	
		17 USU. PT-CHILD CARE PROBLEMS	
		18 USU. PT-OTHER FAM/PERS OBLIGATIONS	
		19 USU. PT-HEALTH/MEDICAL LIMITATIONS	
		20 USU. PT-SCHOOL/TRAINING	
		21 USU. PT-RETIRED/S.S. LIMIT ON EARNINGS	
		22 USU. PT-WORKWEEK <35 HOURS	
		23 USU. PT-OTHER REASON	

NAME	SIZE	DESCRIPTION	LOCATION
PRUNEDUR	3	DURATION OF UNEMPLOYMENT FOR LAYOFF AND LOOKING RECORDS	407 - 409
		EDITED UNIVERSE: 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: 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: 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
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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
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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
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VALID ENTRIES

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

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

- 1 YES
- 2 NO

PUIODP2	2	HAVE THE USUAL ACTIVITIES AND DUTIES OF YOUR JOB CHANGED SINCE LAST MONTH?	428 - 429
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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
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NOTE: A PEIO1COW CODE CAN BE ASSIGNED EVEN IF AN INDIVIDUAL IS NOT CURRENTLY EMPLOYED.

EDITED UNIVERSE:
 (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR
 (PEMLR = 5 AND PENLFJH = 1) OR
 PEJHWKO = 1) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND 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 MANUFACTURING, RETAIL TRADE, 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
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PEIO2COW	2	INDIVIDUAL CLASS OF WORKER ON SECOND JOB. NOTE: FOR THOSE SELF-EMPLOYED UNINCORPORATED ON THEIR FIRST JOB, THIS SHOULD HAVE A RESPONSE EVERY MONTH. FOR ALL OTHERS, THIS SHOULD ONLY HAVE A VALUE IN OUT-GOING ROTATIONS.	442 - 443
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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 MANUFACTURING, RETAIL TRADE, 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 SCREEN FOR DEPENDENT I AND O	452 - 453
		<u>VALID ENTRIES</u>	
		1) IF {MISCK EQ 1 OR 5) OR MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7) AND ENTRY OF 1 IN ABS} THEN GOTO PUIO1INT	
		2) IF (MISCK EQ 1 OR 5) OR {(MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7) AND (ENTRY OF 1 IN WK OR HRCK7-C IS BLANK, 1-3)} GOTO PUIO1INT	
		3) IF I-IO1NAM IS D, R OR BLANK THEN GOTO PUIO1INT	
		4) ALL OTHERS GOTO PUIODP1	
PUIOCK2	2	I & O CHECK ITEM 2 SCREEN FOR PREVIOUS MONTHS I AND O CASES	454 - 455
		<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 THEN GOTO PUIO1OCC	
		2) IF I-IO1DT1 IS D, R OR BLANK THEN GOTO PUIO1OCC	
		3) ALL OTHERS GOTO PUIODP3	
PRIOELG	2	INDUSTRY AND OCCUPATION ELIGIBILITY FLAG	458 - 459
		EDITED UNIVERSE: PEMLR = 1-3, OR (PEMLR = 4 AND PELKLWO = 1 OR 2) OR (PEMLR = 5 AND (PEJHWKO = 1 OR PENLFJH=1), OR (PEMLR = 6 AND PENLFJH = 1), OR PEMLR = 7 AND PEJHWKO = 1)	
		<u>VALID ENTRIES</u>	
		0 NOT ELIGIBLE FOR EDIT	
		1 ELIGIBLE FOR EDIT	
PRAGNA	2	AGRICULTURE/ NON-AGRICULTURE INDUSTRY	460 - 461
		EDITED UNIVERSE: PRIOELG = 1	
		<u>VALID ENTRIES</u>	
		1 AGRICULTURAL	
		2 NON-AGRICULTURAL	

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

VALID ENTRIES

- 1 AGRI., WAGE & SALARY, PRIVATE
- 2 AGRI., WAGE & SALARY, GOVERNMENT
- 3 AGRI., SELF-EMPLOYED
- 4 AGRI., UNPAID
- 5 NONAG, WS, PRIVATE, PRIVATE HHLDS
- 6 NONAG, WS, PRIVATE, OTHER PRIVATE
- 7 NONAG, WS, GOVT, FEDERAL
- 8 NONAG, WS, GOVT, STATE
- 9 NONAG, WS, GOVT, LOCAL
- 10 NONAG, SELF-EMPLOYED
- 11 NONAG, UNPAID

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
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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: PEMLR = 1 OR 2 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
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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
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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: 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: 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: PEMLR = 1-4 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: PEMLR = 1 OR 2	
		<u>VALID ENTRIES</u>	
		1 SINGLE JOBHOLDER	
		2 MULTIPLE JOBHOLDER	
PRERELG	2	EARNINGS ELIGIBILITY FLAG	(498 - 499)
		EDITED UNIVERSE: 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, TIPS, OR COMMISSIONS AT YOUR JOB?	500 - 501
		EDITED UNIVERSE: PRERELG = 1	
		<u>VALID ENTRIES</u>	
		1 YES	
		2 NO	
PEERNPER	2	PERIODICITY 502 - 503	
		EDITED UNIVERSE: 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? EDITED UNIVERSE: PEERNPER = 2-7 <u>VALID ENTRIES</u> 1 YES 2 NO	504 - 505
PEERNHRY	2	HOURLY/NONHOURLY STATUS EDITED UNIVERSE: PRERELG = 1 <u>VALID ENTRIES</u> 1 HOURLY WORKER 2 NONHOURLY WORKER	506 - 507
PUERNH1C	4	WHAT IS YOUR HOURLY RATE OF PAY ON THIS JOB, EXCLUDING OVERTIME PAY, TIPS OR COMMISSION? DOLLAR AMOUNT - 2 IMPLIED DECIMALS <u>VALID ENTRIES</u> 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PUERNH1C < or = 2884.61)	508 - 511

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

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: PEERNH10 = ENTRY	
		<u>VALID ENTRIES</u>	
		0 MIN VALUE	
		99 MAX VALUE	
PRERNWA	8	WEEKLY EARNINGS RECODE 2 IMPLIED DECIMALS	527 - 534
		EDITED UNIVERSE: 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 2 IMPLIED DECIMALS	540 - 547
		EDITED UNIVERSE: PEERNUOT = 1 AND PEERNPER = 1	
		<u>VALID ENTRIES</u>	
		0 MIN VALUE	
		288461 MAX VALUE	

NAME	SIZE	DESCRIPTION	LOCATION
PUERN2	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS <u>VALID ENTRIES</u> 0 MIN VALUE 288461 MAX VALUE	548 - 555
PTOT	1	WEEKLY OVERTIME AMOUNT - TOP CODE <u>VALID ENTRIES</u> 0 NOT TOPCODED 1 TOPCODED	556 - 556
FILLER	2	Filler	557 - 558
PEERNWKP	2	HOW MANY WEEKS A YEAR DO YOU GET PAID FOR? EDITED UNIVERSE: PEERNPER = 6 <u>VALID ENTRIES</u> 01 MIN VALUE 52 MAX VALUE	559 - 560
PEERNLAB	2	ON THIS JOB, ARE YOU A MEMBER OF A LABOR UNION OR OF AN EMPLOYEE ASSOCIATION SIMILAR TO A UNION? EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8) <u>VALID ENTRIES</u> 1 YES 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: (PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8)</p> <p><u>VALID ENTRIES</u></p> <p>1 YES 2 NO</p>	563 - 564
PENLFJH	2	<p>WHEN DID YOU LAST WORK AT A JOB OR BUSINESS?</p> <p>EDITED UNIVERSE: HRMIS = 4 OR 8 AND PEMLR = 3-7</p> <p><u>VALID ENTRIES</u></p> <p>1 WITHIN THE LAST 12 MONTHS 2 MORE THAN 12 MONTHS AGO 3 NEVER WORKED</p>	565 - 566
PENLFRET	2	<p>ARE YOU RETIRED FROM A JOB OR BUSINESS?</p> <p>EDITED UNIVERSE: PEAGE = 50+ AND PEMLR = 3-7</p> <p><u>VALID ENTRIES</u></p> <p>1 YES 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: (PEAGE = 14-49) or (PENLFRET = 2)</p> <p><u>VALID ENTRIES</u></p> <p>1 DISABLED 2 ILL 3 IN SCHOOL 4 TAKING CARE OF HOUSE OR FAMILY 5 IN RETIREMENT 6 SOMETHING ELSE/OTHER</p>	569 - 570
PUNLFCK1	2	<p>NOT IN LABOR FORCE CHECK ITEM - 1</p> <p><u>VALID ENTRIES</u></p> <p>1) IF AGERNG EQUALS 1-4 OR 9 THEN GOTO NLFACT 2) ALL OTHERS GOT NLFRET</p>	571 - 572
PUNLFCK2	2	<p>NOT IN LABOR FORCE CHECK ITEM - 2</p> <p><u>VALID ENTRIES</u></p> <p>1) IF MISCK EQUALS 4 OR 8 THEN GOTO NLFJH 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: PRPERTYP = 2 and PEAGE = 16-24</p> <p><u>VALID ENTRIES</u></p> <p>1 YES 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
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EDITED UNIVERSE:
PESCHENR = 1

VALID ENTRIES

- 1 HIGH SCHOOL
- 2 COLLEGE OR UNIVERSITY

PRNLFSCH	2	NLF ACTIVITY - IN SCHOOL OR NOT IN SCHOOL	581 - 582
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EDITED UNIVERSE:
PENLFACT = -1 OR 1-6 AND 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
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EDITED UNIVERSE:
PRPERTYP = 1-3

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2	Filler	637 - 638
<u>ALLOCATION FLAGS</u>			
PRWERNAL	2	ALLOCATION FLAG WEEKLY EARNINGS RECODE (PRERNWA) ALLOCATION FLAG EDITED UNIVERSE: PRERELG = 1 00 NO ALLOCATION 01 ONE OR MORE COMPONENTS OF THE RECODE ARE ALLOCATED	639 - 640
PRHERNAL	2	ALLOCATION FLAG HOURLY EARNINGS RECODE (PRERNHLY) ALLOCATION FLAG EDITED UNIVERSE: PRERNHRY = 1 00 NO ALLOCATION 01 ONE OR MORE COMPONENT OF THE RECODE ARE ALLOCATED	641 - 642
HXTENURE	2	ALLOCATION FLAG See HETENURE note.	643 - 644
HXHOUSUT	2	ALLOCATION FLAG	645 - 646
HXTELHHD	2	ALLOCATION FLAG	647 - 648
HXTELAVL	2	ALLOCATION FLAG	649 - 650
HXPHONEO	2	ALLOCATION FLAG	651 - 652
PXINUSYR	2	ALLOCATION FLAG	653 - 654
PXRRP	2	ALLOCATION FLAG	655 - 656
PXPARENT	2	ALLOCATION FLAG	657 - 658

NAME	SIZE	DESCRIPTION	LOCATION
PXAGE	2	ALLOCATION FLAG	659 - 660
PXMARITL	2	ALLOCATION FLAG	661 - 662
PXSPOUSE	2	ALLOCATION FLAG	663 - 664
PXSEX	2	ALLOCATION FLAG	665 - 666
PXAFWHN1	2	ALLOCATION FLAG	667 - 668
PXAFNOW	2	ALLOCATION FLAG	669 - 670
PXEDUCA	2	ALLOCATION FLAG	671 - 672
PXRACE1	2	ALLOCATION FLAG	673 - 674
PXNATVTY	2	ALLOCATION FLAG	675 - 676
PXMNTVTY	2	ALLOCATION FLAG	677 - 678
PXFNTVTY	2	ALLOCATION FLAG	679 - 680
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 1 = Less than 1st grade 2 = 1st, 2nd, 3rd, or 4th grade 3 = 5th or 6th grade 4 = 7th or 8th grade 5 = 9th grade 6 = 10th grade 7 = 11th grade 8 = 12th grade (no diploma)</p>	824 - 825
PECYC	2	<p>How many years of college credit has...completed?</p> <p>EDITED UNIVERSE: PEEDUCA =40-42</p> <p><u>VALID ENTRIES</u></p> <p>-1 = Not in universe 1 = Less than 1 year (includes 0 years completed) 2 = The first or Freshman year 3 = The second or Sophomore year 4 = The third or Junior year 5 = Four or more years</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: PEEDUCA = 43</p> <p><u>VALID ENTRIES</u></p> <p>-1 = Not in universe 1 = Yes 2 = No</p>	828 - 829

NAME	SIZE	DESCRIPTION	LOCATION
PEGR6COR	2	Did...complete 6 or more graduate or professional school courses? EDITED UNIVERSE: PEGRPROF = 1 <u>VALID ENTRIES</u> -1 = Not in universe 1 = Yes 2 = No	830 - 831
PEMS123	2	Was ... master's degree program a 1 year, 2 year, or 3 year program? EDITED UNIVERSE: PEEDUCA = 44 <u>VALID ENTRIES</u> -1 = Not in universe 1 = 1 year program 2 = 2 year program 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) EDITED UNIVERSE: PRPERTYP = 2 AND PEAGE = 16+	846 - 855
PEIO1ICD	4	INDUSTRY CODE FOR PRIMARY JOB EDITED UNIVERSE: (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1)) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND PEJHWKO=1) <u>VALID ENTRIES</u> 0 MIN VALUE 9999 MAX VALUE	856 - 859
PEIO1OCD	4	OCCUPATION CODE FOR PRIMARY JOB. EDITED UNIVERSE: (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1)) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND PEJHWKO = 1) <u>VALID ENTRIES</u> 0 MIN VALUE 9999 MAX VALUE	860 - 863

NAME	SIZE	DESCRIPTION	LOCATION
PEIO2ICD	4	INDUSTRY CODE FOR SECOND JOB. EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8 <u>VALID ENTRIES</u> 0 MIN VALUE 9999 MAX VALUE	864 - 867
PEIO2OCD	4	OCCUPATION CODE FOR SECOND JOB. EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8 <u>VALID ENTRIES</u> 0 MIN VALUE 9999 MAX VALUE	868 - 871
PRIMIND1	2	INTERMEDIATE INDUSTRY RECODE (JOB 1) EDITED UNIVERSE: PRIOELG = 1 <u>VALID ENTRIES</u> 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	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
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EDITED UNIVERSE:
 PRIOELG = 1 AND PEMJOT = 1 AND
 HRMIS = 4 OR 8

VALID ENTRIES

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PEAFWHN3	2	WHEN DID YOU SERVE? EDITED UNIVERSE: PEAFEVER = 1 <u>VALID ENTRIES</u> 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	880 - 881
PEAFWHN4	2	WHEN DID YOU SERVE? EDITED UNIVERSE: PEAFEVER = 1 <u>VALID ENTRIES</u> 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	882 - 883
PXAFEVER	2	ALLOCATION FLAG	884 - 885

NAME	SIZE	DESCRIPTION	LOCATION
PELNDDAD	2	LINE NUMBER OF FATHER	886 - 887
		EDITED UNIVERSE: 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: ALL	
		<u>VALID ENTRIES</u>	
		-1 NO MOTHER PRESENT	
		01 MIN VALUE	
		16 MAX VALUE	
PEDADTYP	2	TYPE OF FATHER	890 - 891
		EDITED UNIVERSE: ALL	
		<u>VALID ENTRIES</u>	
		-1 NO FATHER PRESENT	
		01 BIOLOGICAL	
		02 STEP	
		03 ADOPTED	
PEMOMTYP	2	TYPE OF MOTHER	892 - 893
		EDITED UNIVERSE: 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: 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? (FR NOTE: 100 CIGARETTES = APPROXIMATELY 5 PACKS)	955-956
		EDITED UNIVERSE: NXTPR3 = 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? 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	<p>(Do/Does) (you/name) now smoke cigarettes every day, some days, or not at all?</p> <p>EDITED UNIVERSE: PEA2 = (01 - AGE), -2, -3, -9</p> <p>VALID ENTRIES</p> <ul style="list-style-type: none"> 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response 	959-960
PEB1	2	<p>On the average, about how many cigarettes do you now smoke each day? (ONE PACK USUALLY EQUALS 20 CIGARETTES. IF CONVERTING PACKS TO CIGARETTES, ALWAYS VERIFY CALCULATION WITH RESPONDENT.) ENTER NUMBER OF CIGARETTES PER DAY (1-99)</p> <p>EDITED UNIVERSE: Self respondent and PEA3 = 1.</p> <p>VALID ENTRIES</p> <ul style="list-style-type: none"> 1-99 Number -2 Don't know -3 Refused -9 No response 	961-962
PEB1a	2	<p>Would you say that, on average, you now smoke more or less than 20 cigarettes each day?</p> <p>EDITED UNIVERSE: PEB1 = -2.</p> <p>VALID ENTRIES</p> <ul style="list-style-type: none"> 1 MORE 2 LESS 3 ABOUT 20 (ONE PACK) -2 Don't know -3 Refused -9 No response 	963-964

NAME	SIZE	DESCRIPTION	LOCATION
PEB2	2	Is your usual cigarette brand menthol or non-menthol? EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1 Menthol 2 Non-menthol 3 NO USUAL TYPE -2 Don't know -3 Refused -9 No response	965-966
PEB5aNUM	2	How soon after you wake up do you typically smoke your first cigarette of the day? EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1-90 Number -2 Don't know -3 Refused -4 Varies -9 No response	967-968
PEB5aUNT	2	How soon after you wake up do you typically smoke your first cigarette of the day? EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1 Minutes 2 Hours -2 Don't know -3 Refused -5 Varies -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 2 No 3 Varies -2 Don't know -3 Refused -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 2 No -2 Don't know -3 Refused -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 2 Carton 3 Buy both packs and cartons -2 Don't know -3 Refused -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 LAST (pack/carton) of cigarettes? ENTER STATE ABBREVIATION EDITED UNIVERSE: PEB6d = 2. VALID ENTRIES: State Abbreviation -2 Don't know -3 Refused -9 No response	988-989
PEB6e1	2	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"] EDITED UNIVERSE: PEB6D1 = 1,2,-2,-3,-5,-9 VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	990-991
PEB6e2	3	What price did you pay for the LAST "single or individual" cigarette you bought (FR: price per individual cigarette) EDITED UNIVERSE: PEB6e1 = 1 VALID ENTRIES: This is 3 positions with 2 implied decimal places. \$ __ . __ __ -2 Don't know -3 Refused -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"> 1 In respondent's state of residence 2 In some other state (including DC) -2 Don't know -3 Refused -5 Bought some other way (Internet, other country, ...) -9 No response 	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"> State Abbreviation -2 Don't know -3 Refused -9 No response 	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"> 1-Age -2 Don't know -3 Refused -5 None or less than 1 year -9 No response 	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 < (AGE -[FILL ENTRY A2]) (This should be PEA3=1 and self respondent)</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response 	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"> 1-99 Number of cigarettes per day -2 Don't know -3 Refused -9 No response 	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"> 1-30 Number of days smoked per month -2 Don't know -3 Refused -5 None -9 No response 	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 -2 Don't know -3 Refused -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 -9 Missing -3 Refused -2 Don't know -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 2 No -2 Don't know -3 Refused -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 -2 Don't know -3 Refused -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"> 1 Menthol 2 Non-menthol 3 NO USUAL TYPE -2 Don't know -3 Refused -9 No response 	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? (IF NECESSARY, FR ASK FOR BEST ANSWER IN MINUTES OR HOURS) ENTER (X) IF RESPONDENT INSISTS IT VARIES ENTER NUMBER</p> <p>EDITED UNIVERSE: Self Respondent AND PEA3 = 2.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1-90 Number -2 Don't know -3 Refused -5 Varies -9 No response 	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"> -2 Don't know -3 Refused -5 Varies -9 No response 1 Minutes 2 hours 	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 2 No 3 Varies -2 Don't know -3 Refused -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 2 No -2 Don't know -3 Refused -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 2 Carton 3 Buy both packs and cartons -2 Don't know -3 Refused -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 LAST (pack/carton) of cigarettes? ENTER STATE ABBREVIATION EDITED UNIVERSE: PEC6d = 2 . VALID ENTRIES: State Abbreviation -2 Don't know -3 Refused -9 No response	1038-1039
PEC6e1	2	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"] EDITED UNIVERSE: PEc6d1 = 1,2,-2,-3,-5,-9 VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1040-1041
PEC6e2	4	What price did you pay for the LAST "single or individual" cigarette you bought (FR: price per individual cigarette) EDITED UNIVERSE: PEC6e1 = 1 VALID ENTRIES: This is 3 positions with 2 implied decimal places \$ __ . __ __ -2 Don't know -3 Refused -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"> 1 In respondent's state of residence 2 In some other state (including DC) -2 Don't know -3 Refused -5 Bought some other way (Internet, other country, ...) -9 No response 	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"> State Abbreviation -2 Don't know -3 Refused -9 No response 	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"> 1 Yes 2 No -2 Don't know -3 Refused -9 No response 	1050-1051

NAME	SIZE	DESCRIPTION	LOCATION
PEC7bNUM	2	About how long has it been since you last smoked cigarettes EVERY DAY? 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? 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"> 1-AGE -2 Don't know -3 Refused -4 None or less than one year -9 No response 	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"> 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response 	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"> 1-99 Number of cigarettes per day -2 Don't know -3 Refused -9 No response 	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 -2 Don't know -3 Refused -5 None -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 -2 Don't know -3 Refused -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 < 12 OR PEC1 = -2, -3, -5, -9.</p> <p>VALID ENTRIES:</p> <p>1 Yes 2 No -2 Don't know -3 Refused -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 2 No -2 Don't know -3 Refused -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 >= 12 .</p> <p>VALID ENTRIES:</p> <p>1 Yes 2 No -2 Don't know -3 Refused -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 2 No -2 Don't know -3 Refused -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? EDITED UNIVERSE: PED2 = 1. VALID ENTRIES: 1-69 Number of times -2 Don't know -3 Refused -9 No response	1076-1077
PED3b	2	Would you say that it was more than 3 times? EDITED UNIVERSE: PED3 = -2, -3. VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -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? ENTER NUMBER EDITED UNIVERSE: PED3=1 OR PED5 = 2, -2, -3, -9. VALID ENTRIES: 1-99 Number -2 Don't know -3 Refused -9 No response	1080-1081

NAME	SIZE	DESCRIPTION	LOCATION
PED6UNT	2	ENTER UNIT REPORTED EDITED UNIVERSE: PED6NUM => 1. VALID ENTRIES: 1 Days 2 Weeks 3 Months 4 Years -2 Don't know -3 Refused -9 No response	1082-1083
PED6b	2	Was it more or less than one week? EDITED UNIVERSE: PED6NUM AND/OR PED6UNT = -2, -3 . VALID ENTRIES: 1 More 2 Less 3 One week -2 Don't know -3 Refused -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? EDITED UNIVERSE: PED1 = 2, -2, -3, -9. VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -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> <ul style="list-style-type: none"> 1 Yes 2 No -2 Don't know -3 Refused -9 No response 	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 > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Yes 2 No -2 Don't know -3 Refused -9 No response 	1090-1091
PEE1b2	2	<p>Did you call 1-800-QUIT-NOW or some other quit line number? READ THE THREE CHOICES.</p> <p>EDITED UNIVERSE: PEE1b = 1</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 1-800-QUIT-NOW 2 Some other number 3 Don't remember -2 Don't know -3 Refused -9 No response 	1092-1093

NAME	SIZE	DESCRIPTION	LOCATION
PEF1a	2	In the PAST 12 MONTHS, have you seen a medical doctor? EDITED UNIVERSE: Self response and PEA3 = 1, 2. VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1094-1095
PEF1b	2	During the PAST 12 MONTHS, did any medical doctor ADVISE you to stop smoking? EDITED UNIVERSE: PEF1 = 1. VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -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? EDITED UNIVERSE: PEF1b = 1. VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1098-1099

NAME	SIZE	DESCRIPTION	LOCATION
PEF1d	2	Has a medical doctor EVER ADVISED you to stop smoking? EDITED UNIVERSE: PEF1b ne 1. VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1100-1101
PEF2a	2	In the PAST 12 MONTHS, have you seen a dentist? EDITED UNIVERSE: Self response and PEA3 = 1, 2. VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1102-1103
PEF2b	2	During the PAST 12 MONTHS, did any dentist ADVISE you to stop smoking? EDITED UNIVERSE: PEF1 = 1. VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -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? EDITED UNIVERSE: PEF1b = 1. VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1106-1107
PEF2d	2	Has a dentist EVER ADVISED you to stop smoking? EDITED UNIVERSE: PEF1b ne 1. VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1108-1109
PEG1	2	Are you seriously considering quitting smoking within the next 6 months? EDITED UNIVERSE: Self response and PEA3 = 1, 2. VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1110-1111

NAME	SIZE	DESCRIPTION	LOCATION
PEG2	2	Are you planning to quit within the next 30 days? EDITED UNIVERSE: PEG1 = 1. VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -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? EDITED UNIVERSE: Self response and PEA3 = 1, 2. VALID ENTRIES: 1-10 -2 Don't know -3 Refused -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? EDITED UNIVERSE: PEG3 > 1 OR PEG3 = -2, -3, -9. VALID ENTRIES: 1 Not at all 2 A little likely 3 Somewhat likely 4 Very likely -2 Don't know -3 Refused -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 -2 Don't know -3 Refused -9 No response</p>	1118-1119
PEH1UNT	2	<p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEH1NUM => 1.</p> <p>VALID ENTRIES:</p> <p>1 Days 2 Weeks 3 Months 4 Years -2 Don't know -3 Refused -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 2 No -2 Don't know -3 Refused -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 -2 Don't know -3 Refused -9 No response</p>	1124-1125

NAME	SIZE	DESCRIPTION	LOCATION
PEH3UNT	2	<p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEH3NUM => 1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Days 2 Weeks 3 Months 4 Years -2 Don't know -3 Refused -9 No response 	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"> 1-99 Number -2 Don't know -3 Refused -9 No response 	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"> 1-Age -2 Don't know -3 Refused -5 None -9 No response 	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 <= 1 YEAR (12 MONTHS, 52 WEEKS, 365 DAYS) .</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response 	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"> 1-99 Cigarettes per day -2 Don't know -3 Refused -9 No response 	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"> 1-99 Cigarettes per day -2 Don't know -3 Refused -5 None -9 No response 	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) or (peh6bv = 1 and H6b = 30)</p> <p>VALID ENTRIES:</p> <p>1-99 Number -2 Don't know -3 Refused -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) or (peh6c le 40) or (peh6c=-2, -3) or (peh6cv=1) or (peh6av=1) or (peh6a=-2, -3) or (peh6a le 40) or (peh6 = 3, -2, -3)</p> <p>VALID ENTRIES:</p> <p>1 Yes 2 No -2 Don't know -3 Refused -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 2 No -2 Don't know -3 Refused -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 2 No -2 Don't know -3 Refused -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 2 No -2 Don't know -3 Refused -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 2 No -2 Don't know -3 Refused -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 2 No -2 Don't know -3 Refused -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 2 No -2 Don't know -3 Refused -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 > year</p> <p>VALID ENTRIES:</p> <p>1 Yes 2 No -2 Don't know -3 Refused -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 =< 5 YEARS (60 MONTHS) .</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Menthol 2 Non-menthol 3 NO USUAL TYPE -2 Don't know -3 Refused -9 No response 	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 =< 5 YEARS (60 MONTHS) .</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1-90 Number -2 Don't know -3 Refused -5 Varies -9 No response 	1158-1159
PEH8aUNT	2	<p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEH8aNUM =>1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Minutes 2 Hours -2 Don't know -3 Refused -5 Varies -9 No response 	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"> 1 Yes 2 No 3 Varies DO NOT READ -2 Don't know -3 Refused -9 No response 	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"> 1 Yes 2 No -2 Don't know -3 Refused -9 No response 	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"> 1 Yes 2 No -2 Don't know -3 Refused -9 No response 	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> <p>1 Yes 2 No -2 Don't know -3 Refused -9 No response</p>	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> <p>1 Yes 2 No -2 Don't know -3 Refused -9 No response</p>	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> <p>1 Yes 2 No -2 Don't know -3 Refused -9 No response</p>	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? EDITED UNIVERSE: J1A1 = 1. VALID ENTRIES: 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response	1174-1175
PEJ2b1	2	On how many of the past 30 days did you smoke/use a cigar? EDITED UNIVERSE: Self respondent AND PEJ2a1 = 2 VALID ENTRIES: 1-30 Number -1 Not in universe -2 Don't know -3 Refused -5 None -9 No response	1176-1177
PEJ2A2	2	(Do/Does) (you/name) NOW smoke/use a pipe every day, some days or not at all? EDITED UNIVERSE: J1A2 = 1. VALID ENTRIES: 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -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 -1 Not in universe -2 Don't know -3 Refused -5 None -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 2 Some days 3 Not at all -2 Don't know -3 Refused -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 -1 Not in universe -2 Don't know -3 Refused -5 None -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? EDITED UNIVERSE: J1A4 = 1. VALID ENTRIES: 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response	1186-1187
PEJ2b4	2	On how many of the past 30 days did you smoke/use snuff? EDITED UNIVERSE: Self respondent AND PEJ2a4 = 2 VALID ENTRIES: 1-30 Number -1 Not in universe -2 Don't know -3 Refused -5 None -9 No response	1188-1189
PEJ3a1	2	How soon after you wake up do you typically smoke your first cigar? ENTER NUMBER EDITED UNIVERSE: Self respondent AND every day smoker of cigars (not a current smoker of cigarettes). VALID ENTRIES: 1-90 Number -2 Don't know -3 Refused -9 No response	1190-1191

NAME	SIZE	DESCRIPTION	LOCATION
PEJ3a2	2	<p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEJ3A1 =>1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Minutes 2 Hours -2 Don't know -3 Refused -9 No response 	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"> 1 Yes 2 No 3 Varies DO NOT READ -2 Don't know -3 Refused -9 No response 	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"> 1-90 Number -2 Don't know -3 Refused -9 No response 	1196-1197

NAME	SIZE	DESCRIPTION	LOCATION
PEJ3b2	2	<p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEJ3b1 =>1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Minutes 2 Hours -2 Don't know -3 Refused -9 No response 	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"> 1 Yes 2 No 3 Varies -2 Don't know -3 Refused -9 No response 	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"> 1-90 Number -2 Don't know -3 Refused -9 No response 	1202-1203

NAME	SIZE	DESCRIPTION	LOCATION
PEJ3c2	2	<p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEJ3c1 =>1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Minutes 2 Hours -2 Don't know -3 Refused -9 No response 	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"> 1 Yes 2 No 3 Varies -2 Don't know -3 Refused -9 No response 	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"> 1-90 Number -2 Don't know -3 Refused -9 No response 	1208-1209

NAME	SIZE	DESCRIPTION	LOCATION
PEJ3d2	2	<p>ENTER UNIT REPORTED</p> <p>EDITED UNIVERSE: PEJ3d1 =>1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Minutes 2 Hours -2 Don't know -3 Refused -9 No response 	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"> 1 Yes 2 No 3 Varies -2 Don't know -3 Refused -9 No response 	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"> 1 Yes 2 No -2 Don't know -3 Refused -9 No response 	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? EDITED UNIVERSE: PEJ4 = 1. VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -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? EDITED UNIVERSE: (PEA3 = 1, 2) OR (PEA3 = 3 AND PEH1 <= 5 YEARS (60 MONTHS)) VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1218-1219
PEJJ12	2	(B) Accord? EDITED UNIVERSE: (PEA3 = 1, 2) OR (PEA3 = 3 AND PEH1 <= 5 YEARS (60 MONTHS)) VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1220-1221

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

NAME	SIZE	DESCRIPTION	LOCATION
PEJJ16	2	(F) Omni? EDITED UNIVERSE: (PEA3 = 1, 2) OR (PEA3 = 3 AND PEH1 <= 5 YEARS (60 MONTHS)) . VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1228-1229
PEJJ17	2	(G) Advance? EDITED UNIVERSE: (PEA3 = 1, 2) OR (PEA3 = 3 AND PEH1 <= 5 YEARS (60 MONTHS)) . VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1230-1231
PEJJ18	2	(H) Marlboro Ultrasmooth? EDITED UNIVERSE: (PEA3 = 1, 2) OR (PEA3 = 3 AND PEH1 <= 5 YEARS (60 MONTHS)) . VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -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? WORK PLACE QUESTIONS PERTAIN TO THE SAMPLE PERSON'S MAIN JOB (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"> 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 -2 Don't know -3 Refused -9 No response 	1234-1235
PEK1b	2	<p>(You said that you now work indoors). Do you mainly work in an office building, in your own home, in someone else's home, or in another indoor place?</p> <p>EDITED UNIVERSE: PEK1 = 1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Office building 2 Own home 3 Someone else's home 4 Another indoor place -2 Don't know -3 Refused -9 No response 	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 PEK1B = 1, 4, -2, -3, -9.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> State Abbreviation -2 Don't know -3 Refused -9 No response 	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 PEK1B = 1, 4, -2, -3, -9.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Yes 2 No -2 Don't know -3 Refused -9 No response 	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? READ THE THREE ANSWER CATEGORIES</p> <p>EDITED UNIVERSE: PEK2A = 1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Not allowed in ANY public areas 2 Allowed in SOME public areas 3 Allowed in ALL public areas 4 Not applicable -2 Don't know -3 Refused -9 No response 	1242-1243

NAME	SIZE	DESCRIPTION	LOCATION
PEK3b	2	<p>Which of these best describes your place of work's smoking policy for WORK AREAS? READ THE THREE ANSWER CATEGORIES</p> <p>EDITED UNIVERSE: PEK2a = 1.</p> <p>VALID ENTRIES:</p> <ul style="list-style-type: none"> 1 Not allowed in ANY work areas 2 Allowed in SOME work areas 3 Allowed in ALL work areas 4 Not applicable -2 Don't know -3 Refused -9 No response 	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"> 1 Yes 2 No -2 Don't Know -3 Refused -9 No response 	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"> 1 Yes 2 No -2 Don't Know -3 Refused -9 No response 	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 2 Smoking is allowed in some places or at some time INSIDE YOUR HOME 3 Smoking is permitted anywhere INSIDE YOUR HOME -2 Don't know -3 Refused -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 -3 Refused -2 Don't know 1 Allowed in all areas 2 Allowed in some areas 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? EDITED UNIVERSE: PEK4 = all responses VALID ENTRIES: -9 Missing -3 Refused -2 Don't know 1 Allowed in all areas 2 Allowed in some areas 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? EDITED UNIVERSE: PEK4 = all responses VALID ENTRIES: -9 Missing -3 Refused -2 Don't know 1 Allowed in all areas 2 Allowed in some areas 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? EDITED UNIVERSE: PEK4=1,2,3,-2,-3,-9 VALID ENTRIES: 1 Allowed in all areas 2 Allowed in some area 3 Not Allowed at all -2 Don't know -3 Refused -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"> 1 Allowed in all areas 2 Allowed in some area 3 Not Allowed at all -2 Don't know -3 Refused -9 No response 	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"> 1 Allowed in all areas 2 Allowed in some area 3 Not Allowed at all -2 Don't know -3 Refused -9 No response 	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"> 1 Yes 2 No -2 Don't know -3 Refused -9 No response 	1264-1265

NAME	SIZE	DESCRIPTION	LOCATION
PEKQTNWb	2	(b) 1-800-QUIT-NOW EDITED UNIVERSE: PEKQTNWa=1,2,3,-2,-3,-9 VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1266-1267
PEKQTNWc	2	(c) The website www.smokefree.gov EDITED UNIVERSE: PEKQTNWb=1,2,3,-2,-3,-9 VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1268-1269
PEKOTHQT	2	During the past 12 months, did you encourage a friend or family member to quit smoking? EDITED UNIVERSE: PEKQTNWc=1,2,3,-2,-3,-9 VALID ENTRIES: 1 Yes 2 No -2 Don't know -3 Refused -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: Condition 1. PENXTPR3 = 1 or 2 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"> 1. Intrview = 1 when conditions 1 and 2 are met. 2. Intrview = 2 when condition 1 is not met or condition 2 is not met or conditions 1 and 2 are not met. 	1278-1279
HRMODE	2	<p>Method of interview</p> <p>VALID ENTRIES:</p> <ol style="list-style-type: none"> 1 CAPI 2 CATI 3 Unknown 	1280-1281
SMOKSTAT	2	<p>Smoker recode</p> <p>VALID ENTRIES:</p> <ol style="list-style-type: none"> -1 Not in universe 1 Never smoker 2 Everyday smoker 3 Some days smoker 4 Former smoker -9 Indeterminate 	1282-1283
PRS35	2	<p>Check item recode</p> <p>VALID ENTRIES:</p> <ol style="list-style-type: none"> -1 Not in universe 1 Self respondent, every day smoker 2 Self respondent, some day smoker 3 Self respondent, former smoker 4 Proxy respondent -9 No response 	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 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 for this person	
		2 All other cases	
PWNRWGT	10	Nonresponse weight (4 implied decimal places)	1294-1303
PWSRWGT	10	Self response weight (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"> -1 Not in universe 1 Cigars 2 Pipe 3 Chewing tobacco 4 Snuff 	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 ELSE GO TO BA6a

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

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

[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 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 (3RD QUESTION IN QUIT ATTEMPT SECTION)

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

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

ENTER NUMBER OF CIGARETTES PER DAY
(1-99)

BOX 7C

IF B9 = D, R → 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 (3rd QUESTION IN QUIT ATTEMPT SECTION)
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 ELSE IF C1=DK, R → GO TO C1i ELSE GO TO C1a

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

- (1) Yes
- (2) No

BOX 10
IF C1v = 1 AND C1 = 30 →GO TO C1a IF C1v = 1 AND C1 = X →GO TO C2 IF C1v = 2 →GO TO A3 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 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 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 ≤ 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 $\leq (\text{AGE} - [\text{ENTRY A2}]) \rightarrow$ 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 (3rd question in Section D)
ELSE IF C1i = 1 (Yes) GO TO D1 (3rd 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 IF ((J1a@1 THROUGH J1a@4 = NO, DK or R) <u>AND</u>: IF PROXY RESPONDENT →GO TO S78 IF SELF RESPONDENT →GO TO BOX 34)) 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 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 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 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 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 <u>OR</u> (J2a =2 <u>AND</u> J2b \geq 12)] THAT PRODUCT IS USED FOR J4-J7
IF $>$ 1 PRODUCT MENTIONED IN J2a, ASK J4-J7 ABOUT <u>ONE</u> 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 <u>OR</u> (J2a =2 <u>AND</u> 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)” <u>AND</u> snuff is used “every day” or “some days \geq 12 days in the past 30 days” [J2a =1 <u>OR</u> (J2a =2 <u>AND</u> 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)” <u>AND</u> chewing tobacco is used “every day” or “some days \geq 12 days in the past 30 days [J2a =1 <u>OR</u> (J2a =2 <u>AND</u> 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 <u>OR</u> (J2a =2 <u>AND</u> J2b \geq 12)] <u>AND</u> pipe is used “every day” or “some days \geq 12 days in the past 30 days” [J2a =1 <u>OR</u> (J2a =2 <u>AND</u> 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
 - (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.

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
Agriculture, Forestry, Fishing, and Hunting		
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
Mining		
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
Utilities		
0570	Electric power generation, transmission and distribution	Pt. 2211
0580	Natural gas distribution	Pt. 2212
0590	Electric and gas, and other combinations	Pts. 2211, 2212
0670	Water, steam, air-conditioning, and irrigation systems	22131, 22133
0680	Sewage treatment facilities	22132
0690	Not specified utilities	Part of 22

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

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
Durable Goods Manufacturing		
2470	Pottery, ceramics, and related products manufacturing	32711
2480	Structural clay product manufacturing	32712
2490	Glass and glass product manufacturing	3272
2570	Cement, concrete, lime, and gypsum product manufacturing	3273, 3274
2590	Miscellaneous nonmetallic mineral product manufacturing	3279
2670	Iron and steel mills and steel product manufacturing	3311, 3312
2680	Aluminum production and processing	3313
2690	Nonferrous metal, except aluminum, production and processing	3314
2770	Foundries	3315
2780	Metal forgings and stampings	3321
2790	Cutlery and hand tool manufacturing	3322
2870	Structural metals, and tank and shipping container manufacturing	3323, 3324
2880	Machine shops; turned product; screw, nut and bolt manufacturing	3327
2890	Coating, engraving, heat treating and allied activities	3328
2970	Ordnance	332992 to 332995
2980	Miscellaneous fabricated metal products manufacturing	3325, 3326, 3329 exc. 332992, 332993, 332994, 332995
2990	Not specified metal industries	Part of 331 and 332
3070	Agricultural implement manufacturing	33311
3080	Construction, mining and oil field machinery manufacturing	33312, 33313
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, 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, 3359
3570	Motor vehicles and motor vehicle equipment manufacturing	3361, 3362, 3363
3580	Aircraft and parts manufacturing	336411 to 336413
3590	Aerospace products and parts manufacturing	336414, 336415, 336419
3670	Railroad rolling stock manufacturing	3365
3680	Ship and boat building	3366

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
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, 321992
3870	Miscellaneous wood products	3219 exc. 321991, 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. 33992, 33993
3990	Not specified manufacturing industries	Part of 31, 32, 33
Wholesale Trade		
Durable Goods Wholesale		
4070	** Motor vehicles, parts and supplies, merchant wholesalers	*4231
4080	** Furniture and home furnishing, merchant wholesalers	*4232
4090	** Lumber and other construction materials, merchant wholesalers	*4233
4170	** Professional and commercial equipment and supplies, merchant wholesalers	*4234
4180	** Metals and minerals, except petroleum, merchant wholesalers	*4235
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. 42393
Nondurable Goods Wholesale		
4370	** Paper and paper products, merchant wholesalers	*4241
4380	** Drugs, sundries, and chemical and allied products, merchant wholesalers	*4242, 4246
4390	** Apparel, fabrics, and notions, merchant wholesalers	*4243
4470	** Groceries and related products, merchant wholesalers	*4244
4480	** Farm product raw materials, merchant wholesalers	*4245
4490	** Petroleum and petroleum products, merchant wholesalers	*4247
4560	** Alcoholic beverages, merchant wholesalers	*4248
4570	** Farm supplies, merchant wholesalers	*42491
4580	** Miscellaneous nondurable goods, merchant wholesalers	*4249 exc. 42491
* 4585	*** Wholesale electronic markets, agents and brokers	New industry *4251
4590	**Not specified wholesale trade	Part of 42

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
Retail Trade		
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, 44312
4870	Building material and supplies dealers	4441 exc. 44413
4880	Hardware stores	44413
4890	Lawn and garden equipment and supplies stores	4442
4970	Grocery stores	4451
4980	Specialty food stores	4452
4990	Beer, wine, and liquor stores	4453
5070	Pharmacies and drug stores	4461
5080	Health and personal care, except drug, stores	446 exc. 44611
5090	Gasoline stations	447
5170	Clothing and accessories, except shoe, stores	448 exc. 44821, 4483
5180	Shoe stores	44821
5190	Jewelry, luggage, and leather goods stores	4483
5270	Sporting goods, camera, and hobby and toy stores	44313, 45111, 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 *454111
* 5591	*** Electronic auctions	New industry *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, 4854, 4855, 4859
6190	Taxi and limousine service	4853
6270	Pipeline transportation	486
6280	Scenic and sightseeing transportation	487
6290	Services incidental to transportation	488
6370	Postal Service	491
6380	Couriers and messengers	492
6390	Warehousing and storage	493

Information

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

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

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

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
Real Estate and Rental and Leasing		
7070	Real estate	531
7080	Automotive equipment rental and leasing	5321
7170	Video tape and disk rental	53223
7180	Other consumer goods rental	53221, 53222, 53229, 5323
7190	Commercial, industrial, and other intangible assets rental and leasing	5324, 533
 <i>Professional, Scientific, Management, Administrative, and Waste management services</i>		
Professional, Scientific, and Technical Services		
7270	Legal services	5411
7280	Accounting, tax preparation, bookkeeping, and payroll services	5412
7290	Architectural, engineering, and related services	5413
7370	Specialized design services	5414
7380	Computer systems design and related services	5415
7390	Management, scientific, and technical consulting services	5416
7460	Scientific research and development services	5417
7470	Advertising and related services	5418
7480	Veterinary services	54194
7490	Other professional, scientific, and technical services	5419 exc. 54194
 Management, Administrative and Support, and Waste Management Services		
<i>Management of companies and enterprises</i>		
7570	Management of companies and enterprises	551
 <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. 56173
	(except cleaning during construction and immediately after construction)	
7770	Landscaping services	56173
7780	Other administrative and other support services	5611, 5612, 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. 62131, 62132
8090	Outpatient care centers	6214
8170	Home health care services	6216
8180	Other health care services	6215, 6219
8190	Hospitals	622
8270	Nursing care facilities	6231
8290	Residential care facilities, without nursing	6232, 6233, 6239
8370	Individual and family services	6241
8380	Community food and housing, and emergency services	6242
8390	Vocational rehabilitation services	6243
8470	Child day care services	6244

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. 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

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
Other Services (Except Public Administration)		
8770	Automotive repair and maintenance	8111 exc. 811192
8780	Car washes	811192
8790	Electronic and precision equipment repair and maintenance	8112
8870	Commercial and industrial machinery and equipment repair and maintenance	8113
8880	Personal and household goods repair and maintenance	8114 exc. 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, 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, 8134
9180	Labor unions	81393
9190	Business, professional, political, and similar organizations	8139 exc. 81393
9290	Private households	814
Public Administration		
9370	Executive offices and legislative bodies	92111, 92112, 92114, pt. 92115
9380	Public finance activities	92113
9390	Other general government and support	92119
9470	Justice, public order, and safety activities	922, pt. 92115
9480	Administration of human resource programs	923
9490	Administration of environmental quality and housing programs	924, 925
9570	Administration of economic programs and space research	926, 927
9590	National security and international affairs	928
Armed Forces		
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, 8270, 8290

CODE	DESCRIPTION	INDUSTRY CODE
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

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture, forestry, fishing, and hunting	0170-0290
2	Mining	0370-0490
3	Construction	0770
4	Manufacturing	1070-3990
5	Wholesale and retail trade	4070-5790
6	Transportation and utilities	6070-6390, 0570-0690
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 CENSUS CODE	DESCRIPTION	2000 SOC CODE
Management Occupations		
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

**2002
CENSUS
CODE****DESCRIPTION****2000
SOC
CODE****Architecture and Engineering Occupations**

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

Life, Physical, and Social Science Occupations

1600	Agricultural and food scientists	19-1010
1610	Biological scientists	19-1020
1640	Conservation scientists and foresters	19-1030
1650	Medical scientists	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

2002 CENSUS CODE	DESCRIPTION	2000 SOC CODE
Community and Social Services Occupations		
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
Legal Occupations		
2100	Lawyers, Judges, magistrates, and other judicial workers	23-1011
2140	Paralegals and legal assistants	23-2011
2150	Miscellaneous legal support workers	23-2090
Education, Training, and Library Occupations		
2200	Postsecondary teachers	25-1000
2300	Preschool and kindergarten teachers	25-2010
2310	Elementary and middle school teachers	25-2020
2320	Secondary school teachers	25-2030
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
Arts, Design, Entertainment, Sports, and Media Occupations		
2600	Artists and related workers	27-1010
2630	Designers	27-1020
2700	Actors	27-2011
2710	Producers and directors	27-2012
2720	Athletes, coaches, umpires, and related workers	27-2020
2740	Dancers and choreographers	27-2030
2750	Musicians, singers, and related workers	27-2040
2760	Entertainers and performers, sports and related workers, all other	27-2099
2800	Announcers	27-3010
2810	News analysts, reporters and correspondents	27-3020
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

2002 CENSUS CODE	DESCRIPTION	2000 SOC CODE
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
Healthcare Practitioners and Technical Occupations		
3000	Chiropractors	29-1011
3010	Dentists	29-1020
3030	Dietitians and nutritionists	29-1031
3040	Optometrists	29-1041
3050	Pharmacists	29-1051
3060	Physicians and surgeons	29-1060
3110	Physician assistants	29-1071
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
Healthcare Support Occupations		
3600	Nursing, psychiatric, and home health aides	31-1010
3610	Occupational therapist assistants and aides	31-2010
3620	Physical therapist assistants and aides	31-2020
3630	Massage therapists	31-9011
3640	Dental assistants	31-9091
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

2002 CENSUS CODE	DESCRIPTION	2000 SOC CODE
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

2002 CENSUS CODE	DESCRIPTION	2000 SOC CODE
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
Extraction Workers		
6800	Derrick, rotary drill, and service unit operators, oil, gas, and mining	47-5010
6820	Earth drillers, except oil and gas	47-5021
6830	Explosives workers, ordnance handling experts, and blasters	47-5031
6840	Mining machine operators	47-5040
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
Installation, Maintenance, and Repair Workers		
7000	First-line supervisors/managers of mechanics, installers, and repairers	49-1011
7010	Computer, automated teller, and office machine repairers	49-2011
7020	Radio and telecommunications equipment installers and repairers	49-2020
7030	Avionics technicians	49-2091
7040	Electric motor, power tool, and related repairers	49-2092
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

2002 CENSUS CODE	DESCRIPTION	2000 SOC CODE
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

2002 CENSUS CODE	DESCRIPTION	2000 SOC CODE
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.

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management, business, and financial occupations	0010-0950
2	Professional and related occupations	1000-3540
3	Service occupations	3600-4650
4	Sales and related occupations	4700-4960
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 Component Parts (CBSA's)
118	11540 36780	Appleton-Oshkosh-Neenah, WI Appleton, WI Oshkosh-Neenah, WI
176	16980 28100 33140	Chicago-Naperville-Michigan City, IL-IN-WI (part) Chicago-Naperville-Joliet, IL-IN-WI Kankakee-Bradley, IL Michigan City-LaPorte, IN
184	10420 17460	Cleveland-Akron-Elyria, OH (part) Akron, OH Cleveland-Elyria-Mentor, OH
212	19380 44220	Dayton-Springfield-Greenville, OH (part) Dayton, OH Springfield, OH
216	14500 19740	Denver-Aurora-Boulder, CO Boulder, CO Denver-Aurora, CO
220	11460 19820 22420 33780	Detroit-Warren-Flint, MI Ann Arbor, MI Detroit-Warren-Livonia, MI Flint, MI Monroe, MI
260	23420 31460	Fresno-Madera, CA Fresno, CA Madera, CA

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

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

CSA Code	CBSA Code	CSA Title 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
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 Kansas portion Kansas City Overland Park	1 2
35380	New Orleans-Metairie-Kenner, LA New Orleans	1
71650	Boston-Cambridge-Quincy, MA-NH Massachusetts portion Boston Cambridge	1 2
19820	Detroit-Warren-Livonia, MI Wayne County Detroit Livonia Macomb County Warren	1 2 1
33460	Minneapolis-St., Paul-Bloomington, MN-WI Minneapolis	1
29820	Las Vegas-Paradise, NV Las Vegas Paradise	1 2
35620	New York-Northern New Jersey-Long Island, NY-NJ-PA New Jersey portion Newark	1
15380	Buffalo-Niagara Falls, NY Buffalo	1
16740	Charlotte-Gastonia-Concord, NC-SC Charlotte	1
77200	Providence-Fall River-Warwick, RI-MA Rhode Island portion 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 County Code	County Name	State
Alabama		
003	Baldwin*	
015	Calhoun	
073	Jefferson	
097	Mobile	
117	Shelby	
Arizona		
003	Cochise*	
013	Maricopa	
015	Mohave*	
019	Pima	
021	Pinal	
025	Yavapai	
Arkansas		
119	Pulaski	
California		
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 County Code	County 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	
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Florida

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

FIPS County Code	County 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	
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Illinois

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

Indiana

FIPS County Code	County 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	
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FIPS County Code	County 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 County Code	County Name	State
		Montana
111	Yellowstone	
		Nebraska
153	Sarpy	
		Nevada
003	Clark	
		New Jersey
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	
		New Mexico
001	Bernalillo	
013	Dona Ana	
045	San Juan	
049	Santa Fe	

FIPS County Code	County Name	State
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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
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FIPS County Code	County Name	State
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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
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Oregon

017	Deschutes
029	Jackson
039	Lane
043	Linn*

FIPS County Code	County Name	State
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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 County Code	County Name	State
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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
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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 County Code	County Name	State
Wisconsin		

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 Code	Title	County Name	County 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 2006</u>	<u>August 2006</u>	<u>January 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 2006</u>	<u>August 2006</u>	<u>January 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 2006</u>	<u>August 2006</u>	<u>January 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 2006</u>	<u>August 2006</u>	<u>January 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 2006</u>	<u>August 2006</u>	<u>January 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> <u>2006</u>	<u>August</u> <u>2006</u>	<u>January</u> <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
	3			
PEK4	-9	366	270	413
	-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

Code	Name	Code	Name
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

Code	Name	Code	Name
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 sample¹ 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)² 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

¹ For detailed information on the 1990 sample redesign, please see reference [1].

² 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).¹ 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.

¹ 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.

Table 1. CPS and TUS Nonresponse Rates: May and August 2006, January 2007			
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

Illustration 1	
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

Illustration 2	
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 (<i>p</i>)	52.3
Base (<i>y</i>)	79,935,000
b parameter (<i>b</i>)	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

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

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

Illustration 6	
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

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

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),

$$\bar{x} = \sum_{i=1}^k \frac{f_i \cdot x_i}{n} = \frac{1}{n} \sum_{i=1}^k f_i x_i$$

and Formula (10),

$$s^2 = \frac{1}{n} \sum_{i=1}^k f_i x_i^2 - \left(\frac{1}{n} \sum_{i=1}^k f_i x_i \right)^2$$

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	$1.0 \cdot 8.9 / 30 = 0.30$
2	20.2	$(2+2)/2 = 2.0$	11.8	$2.0 \cdot 11.8 / 30 = 0.79$
3	15.9	$(3+3)/2 = 3.0$	13.8	$3.0 \cdot 13.8 / 30 = 1.38$
4	9.0	$(4+4)/2 = 4.0$	14.2	$4.0 \cdot 14.2 / 30 = 1.89$
5+	38.9	$3/2(5) = 7.5$	16.0	$7.5 \cdot 16.0 / 30 = 4.00$

Using Formula (11),

$$\bar{x} = \sum_{i=1}^k \frac{f_i \cdot x_i}{n} = \frac{1}{n} \sum_{i=1}^k f_i x_i$$

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

$$T = \bar{x}y \tag{13}$$

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

$$= \sqrt{\bar{x}^2 s_y^2 + y^2 s_{\bar{x}}^2} \tag{14}$$

where $s_{\bar{x}}$ is computed using Formula (9) and s_y is computed using Formula (1). In the above formula, the correlation between \bar{x} and y is assumed to be zero. If it is actually positive (negative), then this formula will underestimate (overestimate) the standard error of the product.

Illustration 9

Continuing with Illustration 8a, suppose that the estimate for the total number of every-day smokers was 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

Illustration 9	
Average amount of cigarettes smoked per day (\bar{x})	13.76
Standard error ($s_{\bar{x}}$)	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

$$s_T = \sqrt{s_{\bar{x}}^2 \times y^2 + \bar{x}^2 \times s_y^2} =$$

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

$$s_{\bar{x}} = \sqrt{\left[\frac{s_x^2}{n} \right] + \left[\frac{s_y^2}{n} \right] + \left(\frac{\bar{x}}{n} \right) + \left(\frac{\bar{y}}{n} \right)} \quad (15)$$

where

E = the estimated population of every-day smokers.

s_E = the standard error of the estimated population of every-day smokers.

P = the estimated population of some-day smokers.

s_P = the standard error of the estimated population of some-day smokers.

- C_1 = the average amount an every-day smoker smokes per day.
 s_{C_1} = the standard error of the average amount an every-day smoker smokes per day.
 C_2 = the average amount a some-day smoker smokes per day.
 s_{C_2} = the standard error of the average amount a some-day smoker smokes per day.

Illustration 10

Continuing with Illustrations 8 and 9, suppose there were 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-responder 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

Illustration 10	
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.

**Table 4. Parameters for Computation of Standard Errors for Labor Force Characteristics:
May and August 2006, January 2007**

Characteristic	a	b
Total or White		
Civilian labor force, employed	-0.000016	3,068
<i>Not in labor force</i>	-0.000009	1,833
<i>Unemployed</i>	-0.000016	3,096
Civilian labor force, employed, not in labor force, and unemployed		
Men	-0.000032	2,971
Women	-0.000031	2,782
Both sexes, 16 to 19 years	-0.000022	3,096
Black		
Civilian labor force, employed, not in labor force, and unemployed		
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
Hispanic		
Civilian labor force, employed, not in labor force, and unemployed		
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
Asian, AIAN, NHOPI		
Civilian labor force, employed, not in labor force, and unemployed		
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, NHOPI	
	a	b	a	b	a	b	a	b
One month								
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
Two combined months								
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
Three combined months								
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, NHOPI	
	a	b	a	b	a	b	a	b
One month								
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
Two combined months								
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
Three combined months								
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.
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- [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.