CURRENT POPULATION SURVEY, FEBRUARY, JUNE, AND NOVEMBER 2003: TOBACCO USE SUPPLEMENT FILE

TECHNICAL DOCUMENTATION
CPS—03

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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, 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, February, June, and November 2003: 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], 2006.

Type of File:

Microdata; unit of observation is households.

Universe Description:

The universe consists of all persons aged 15 and above in the civilian noninstitutional population of the United States. The probability sample selected to represent the universe consists of 153,851 households. These include February 42,151, June 55,892, and November 55,808.

The Tobacco Use Supplement universe is person level for all persons age 15 and above who completed the labor force interview. February differed from June and November because February used 6 Months In Sample (MIS) but June and November used all 8 MIS. February used Months In Sample (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 had smoked 100 cigarettes, is a self-respondent and currently smoking everyday
- Section C questions were asked if the person had smoked 100 cigarettes, is a self-respondent and currently smoking some days.
- Section D asked questions about quit smoking attempts of the past 12 months.
- Section E asked about use of telephone help lines or quit lines during the past 12 months.
- Section F asked about Doctor and Dentist advice to stop smoking.
- Section G asked about the persons likelihood to quit within the next 6 months.
- Section H questions were asked if the person had 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 those 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 February did not use MIS 4 or 8.

Subject-Matter Description:

Data are provided on labor force activity for the week prior to the survey. Comprehensive data are available on the employment status, occupation, and industry of persons 15 years old and over. Also shown are personal characteristics such as age, sex, race, 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.

Geographic Coverage:

Geography data is provided to the State level.

Technical Description:

File Structure: Rectangular.

File Size: 473,087 logical records; 909 character logical record length. These records consist of February 158,633; June 157,585; and November 156,869. There are 301,608 total supplement eligible records derived from February 82,528; June 109,941; and November 109,139.

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

Reference Materials:

Current Population Survey, February, June, and November 2003: 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, 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 "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings* published by the Bureau of Labor Statistics.

CPS Sample Design

The current CPS sample is selected based on 1990 census information. The first stage of the 1990 sample design created 2,007 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 754 PSUs were selected for sample containing 2,121 counties, minor civil divisions, and independent cities. 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 Metropolitan Statistical Area (MSA) status and size. Within each cluster, there is a further breakdown by residence. Each MSA cluster is split by "central city" and "balance of the MSA". Each non-MSA cluster is split by "urban" and "rural" residence categories. The proportion of occupied sample households not interviewed fluctuates around 5 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 1990 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, 1990. 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 1994, the projections were based on earlier censuses, and 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 1994" in the February 1994 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

February, June, and November 2003: Tobacco Use Supplement

General

Census Bureau staff conducted a Tobacco Use Special Cessation Supplement (TUSCS) to the Current Population Survey (CPS) in conjunction with the February, June and November 2003 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 55,000 interviewed households across the country. Attachment 8 contains a facsimile of the February, June and November 2003 TUSCS questions. Attachment 2 comprises a description of the CPS entitled "Overview--Current Population Survey."

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, and again in September 1998, January 1999, and May 1999. We conducted an abbreviated Tobacco Use Supplement in January 2000 and May 2000 at the request of the NCI in order to access the usage of cigars, snuff, pipes and chewing tobacco, as well as cigarettes by the U.S. population. Prior to this 2003 cycle, the most recent series of Tobacco Use Supplements was conducted in June 2001, November 2001 and February 2002. State data will be most reliable when using data from all three months of data collection. 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. Much of their analysis is based on a statistical average of all three months for any series of collection periods. Each file contains only Tobacco Use Special Cessation Supplement data collected for the specific month of February, June or November of 2003.

For the 2003 wave of Tobacco Use Supplements, the Tobacco Use Special Cessation Supplements THE CITATION IS: US Department of Commerce, Census Bureau 2006, National Cancer Institute and Centers for Disease Control and Prevention co-sponsored Tobacco Use Special Cessation Supplement to the Current Population Survey 2003. [http://riskfactor.cancer.gov/studies/tus-cps].

For more information about past, current and future NCI Tobacco Use Supplements and data reports and publications utilizing supplement data see the NCI website: http://riskfactor.cancer.gov/studies/tus-cps/. A description of the February, June, and November 2003 TUSCS follows.

Race/Ethnicity 2003 Changes 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 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 TUSCS-CPS, but it potentially impacts smoking estimates and trends made by race/ethnicity.

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

Partial Overlap Sample for TUS-CPS February 202 and TUSCS-CPS February 2003

TUSCS-CPS Unique Analysis Opportunity. A unique feature of the CPS is its panel design where 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, and U.S. Department of Commerce. 2000. Current Population Survey. Design and methodology (Technical paper 63RV). Washington, D.C.:U.S. Census Bureau. http://www.census.gov/prod/2000pubs/ip63.pdf]. Due to this sampling strategy persons who were in their 1st, 2nd, or 3rd month in sample in February 2002 when the TUS data was collected were potentially also in the February 2003 sample for panel months #5, 6 and 7 when the TUSCS-CPS was fielded. Thus a unique opportunity exists for analyzing data from this short longitudinal study of a one-year duration. If the retrospective assessment of smoking status 12 months ago asked in February 2002 is considered, then this cohort can be extended to two years (February 2001 – February 2003).

Matching February 2002 and February 2003 Files. The data from the February 2002 and 2003 overlap can be matched using the following matching variables on the CPS files:

HRHHID: Household identifier
HRMIS: Month in sample [1 in Feb 2002 = 5 in Feb 2003; 2 in Feb 2002 = 6 in Feb 2003; and 3 in Feb 2002 = 7 in Feb 2003. If interested in CPS items *only,* then can also match 4 in Feb 2002 = 8 in Feb 2003. There are no data for TUS items for panels 4 and 8 in both February 2002 and February 2003 since the TUS was not asked of those panels due to fielding of the March supplement items also in February among those panels.]

HRSAMPLE: Sample identifier
HRSERSUF: Serial suffix
HUHHNUM: Household number
PULINENO: Person's line number
PESEX: Sex
PEAGE: Person's age (Match if 2003 age is within plus or minus 1 of 2002)

Since the CPS is a household based sample, the mismatches for the corresponding months in sample (using the matching variables described above) are due to migration where entire households and individuals within households move to another location as well as non-response (individual or household non-response)

Adjustment Weights for Partial Overlap Sample for February 2002 and 2003. NCI in collaboration with the Census Bureau has developed a strategy to create new weights appropriate for analyzing only the overlap sample. NCI is working on creating them for public use and further information about their development, proper use and availability from NCI can be found on NCI's Risk Factor Monitoring & Methods Branch website – http://riskfactor.cancer.gov/studies/tus-cps

Briefly, the strategy is based on a two-step procedure. First, the number of matched individuals is adjusted up to the total sample size for the TUSCS-CPS in February 2003. This is done because the overlap only accounts for half the February sample even if there were neither non-response nor any migration. Next, using the same post-stratification variables that were used to weight the 2003 February data, adjustments for non-response and self-response are made sensitive to state controls by age and sex, national ethnicity controls (Hispanic/non-Hispanic) based on sex/age categories, and national race controls for White Only, Black Only, and "Other " race grouped according to age/sex subcategories.

Linkages with Other CPS or Other Supplements to the CPS

Another **unique** aspect of the TUSCS-CPS is that the data for subsets of the sample can be linked with other CPS Basic and other CPS Supplement data in the same manner as it can be linked to the February 2002 data. This allows the opportunity to include other topics in analysis such as Internet Use, Time Use, Veterans info, Food Security info, etc. The 2003 American Time Use Supplement to the CPS would be especially useful for exploring how smokers identified in the 2003 TUSCS-CPS utilize their time as determinants of smoking cessation and tobacco use.

The Tobacco use Special Cessation Supplement Items

The Supplement consisted of Items PEA1 through PEK5. All CPS household members age 15 years and older who had completed CPS Core items were eligible for these items.

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, for example, pipes, cigars, chewing tobacco, and snuff (Items PEJ1a –PEJ2a).

Items for Self-Respondents Only. In addition to the smoking status and other tobacco use questions, we asked self-respondents various questions depending on their smoking status.

- We asked everyday, some days and former smokers a set of detailed smoking history questions tailored to their status (Items PEB1 – PEB11, PEC1 – PEC11, PEJ2b – PEJ3d_3 and PEH1NUM – PEH13d). This included *special questions not asked before in earlier TUS-CPS series* such as types of cigarettes smoked— menthol, lights, and the nature of addiction as well as attempts to quit smoking (latter Items PEDa – PED8, and PEJ4 – PEJ6bV).

- Questions *which hadn't ever appeared before in previous TUS-CPS series* regarding products, resources, and methods used to try to quit for current smokers (PEE1a – PEE2bSPC, and PEJ7a –PEJ7d@SPC) and for former smokers (PEH10a – PEH11bSPC) were included in the 2003 supplements.

- In addition, we asked current smokers questions, such as whether the medical and dental community had advised them to quit smoking (PEF1 – PEF5, and PEJ7a – PEJ7d@SPC) or if they were planning to quit in the near future (PEG1 – PEG4).. Similar questions (H6a-H6b) on health professional advice to quit smoking were asked of *former smokers, a novel approach for national surveys.*

- New questions were included to examine use of *new tobacco products that are claimed to have fewer harmful chemicals* (PEJJ1@1 – PEJJ1@7).

- We also asked all self-respondents detailed questions on smoking policies in their work place (Items PEK1 – PEK3b), smoking rules in the home (Item PEK4) and we asked for their opinion about smoking in bars and cocktail lounges (Item PEK5).

NOTE: In 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 did ask 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 smokers) were asked these questions.

Another *generally unique feature of the 2003 TUSCS-CPS* is asking *former smokers* questions on their previous level of addiction, products/resources/methods used to quit smoking, and advice from health professionals. *This unique feature* is not typical of other national surveys. This will enable elegant comparisons between characteristics of former smokers—"successful quitters" and current smokers attempting to quit.

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.

Data Processing

The data processing involved editing the February, June and November 2003 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 1341-1342) 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 1347-1348), where Code 1 is an interview and Code 2 is a noninterview. The smoking status recode is identified by the variable "SMOKSTAT" (located in positions 1351-1352) where Code 1 is a "never smoker," Code 2 is an "everyday smoker," Code 3 is a "some days smoker," Code 4 is a "former smoker," and Code -9 is "indeterminate (unknown) smoking status."

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 reflects controlling for age, race, sex, and Hispanic origin estimates and 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 nonresponse 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 nonresponse adjustment weight PWNRWGT (located in positions 1363:1372) 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 1373-1382) for tallying the supplement items.

Use of Weights When Using All Three Files. The best analysis of the Tobacco Use Supplement Special Cessation to the CPS data, especially for states, will come from combining the data in all three collection periods (February, June and November 2003). **To use the weights when combining the three files, divide each weight by three.** The Source and Accuracy Statement found in Attachment 16 contains a detailed description on how to use the Tobacco Use Special Cessation Supplement special parameters to make standard error estimates for single and combined files.

February, June, and November 2003 NCI and CDC Co-Sponsored Tobacco use Special Cessation Supplement to the CPS File

CPS Labor Force Data

The February 2003 CPS file contains 158,633 records. The June CPS file contains 157,585 records and the November CPS file contains 156,869 records. The first 856 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 record as follows:

PRPERTYP

1 = Child household member (0-14 years old)

2 = Adult civilian household member (15+ years old)

3 = Adult Armed Forces household member (15+ years old)

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

HRINTSTA

1 = Interviewed

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:

	Unweighted Counts		
	February 2003	June 2003	November 2003
1 = Child	30,585	30,071	29,974
2 = Adult Civilian, 15+	110,711	110,160	109,363
3 = Adult, Armed Forces	409	451	444
Total	141,705	140,682	139,781

The values of HRINTSTA are:

1 = Interview	56,500	55,926	55,845
2 = Type A Noninterview	4,622	4,244	4,396
3 = Type B Noninterview	11,706	12,004	12,004
4 = Type C Noninterview	600	655	688
Total	73,428	72,829	72,933

For Supplement non-response and Supplement self response rates, see Attachment 16, Source & Accuracy Statement.

The total number of TUSCS-CPS interviewed adults 15+ (INTRVIEW = 1) are:

February 2003	June 2003	November 2003
68,954	89,864	90,802

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 male served at any time during the four major wars of this century, the code for the most recent wartime service is entered. The following codes are used:

0 Children under 15
1 Vietnam era
2 Korean
3 WWI
4 WWII
5 Other Service
6 Nonveteran

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 2003 *
****

NAME	SIZE	DESCRIPTION	LOCATION
		Additional valid entries for unedited items: -1 (blank), -2 (don't know), -3 (refused).	
HRHHID	15	HOUSEHOLD IDENTIFIER EDITED UNIVERSE: ALL HHLD's IN SAMPLE	1 - 15
HRMONTH	2	MONTH OF INTERVIEW EDITED UNIVERSE: ALL HHLDs IN SAMPLE <u>VALID ENTRIES</u> 01 MIN VALUE 12 MAX VALUE	16 - 17
HRYEAR4	4	YEAR OF INTERVIEW EDITED UNIVERSE: ALL HHLDs IN SAMPLE <u>VALID ENTRIES</u> 1998 MIN VALUE 2999 MAX VALUE	18 - 21

NAME	SIZE	DESCRIPTION	LOCATION

****
* **Note: For variables HUINTTYP** *
* **and HURRSCNT, go to** *
* **positions 65-68** * *
****

HURESPLI	2	LINE NUMBER OF THE CURRENT RESPONDENT	22 - 23

VALID ENTRIES

0 MIN VALUE
99 MAX VALUE

HUFINAL	3	FINAL OUTCOME CODE	24 - 26

OUTCOME CODES BETWEEN 001 AND 200
ARE FOR CATI.
ALL OTHER OUTCOME CODES ARE FOR CAPI.

VALID ENTRIES

000 NEW INTERVIEW - NOT CONTACTED
001 FULLY COMPLETE CATI INTERVIEW
002 PARTIALLY COMPLETED CATI INTERVIEW
005 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
225 TEMP. OCCUPIED W/PERSONS WITH URE
226 VACANT REGULAR
227 VACANT - STORAGE OF HHLD FURNITURE

NAME	SIZE	DESCRIPTION	LOCATION
		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? VALID ENTRIES 1 SPANISH ONLY LANGUAGE SPOKEN	27 - 28
HETENURE	2	ARE YOUR LIVING QUARTERS... (READ ANSWER CATEGORIES) EDITED UNIVERSE: HRINTSTA = 1 OR HUTYPB = 1-3 VALID ENTRIES 1 OWNED OR BEING BOUGHT BY A HH MEMBER 2 RENTED FOR CASH 3 OCCUPIED WITHOUT PAYMENT OF CASH RENT	29 - 30

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

NAME	SIZE	DESCRIPTION	LOCATION
HEPHONEO	2	IS A TELEPHONE INTERVIEW ACCEPTABLE? EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1 VALID ENTRIES 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.) VALID ENTRIES 1 LESS THAN $5,000 2 5,000 TO 7,499 3 7,500 TO 9,999 4 10,000 TO 12,499 5 12,500 TO 14,999 6 15,000 TO 19,999 7 20,000 TO 24,999 8 25,000 TO 29,999 9 30,000 TO 34,999 10 35,000 TO 39,999 11 40,000 TO 49,999 12 50,000 TO 59,999 13 60,000 TO 74,999 14 75,000 TO 99,999 (75,000 OR MORE WAS THE HIGHEST CATEGORY PRIOR TO OCTOBER 2003) 15 100,000 TO 149,999 16 150,000 OR MORE	39 - 40
HUTYPEA	2	TYPE A NONINTERVIEW REASON VALID ENTRIES 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

VALID ENTRIES

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

HUTYPC	2	TYPE C NON-INTERVIEW REASON	45 - 46

VALID ENTRIES

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION
HRMIS	2	MONTH-IN-SAMPLE EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 1 MIN VALUE 8 MAX VALUE	63 - 64
HUINTTYP	2	TYPE OF INTERVIEW VALID ENTRIES 0 NONINTERVIEW/INDETERMINATE 1 PERSONAL 2 TELEPHONE	65 - 66
HUPRSCNT	2	NUMBER OF ACTUAL AND ATTEMPTED PERSONAL CONTACTS VALID ENTRIES 1 MIN VALUE 9 MAX VALUE	67 -68

****
* **Note: For Variables HRMONTH** *
* **and HRYEAR, go to locations** *
* **16-21.** *
****

HRLONGLK	2	LONGITUDINAL LINK INDICATOR EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 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
HRSAMPLE	4	SAMPLE IDENTIFIER EDITED UNIVERSE: ALL HHLDs IN SAMPLE <u>VALID ENTRIES</u> 1ST DIGIT - A-Z DIGITS 2-4 - 000-999	71 - 74
HRSERSUF	2	SERIAL SUFFIX IDENTIFIES EXTRA UNITS EDITED UNIVERSE: ALL HHLDs IN SAMPLE <u>VALID ENTRIES</u> A-Z	75 - 76
HUHHNUM	2	HOUSEHOLD NUMBER THE INITIAL HOUSEHOLD RECEIVES A VALUE OF 1, AND SUBSEQUENT REPLACEMENT HOUSEHOLDS INCREASE THE VALUE BY 1. <u>VALID ENTRIES</u> 01 MIN VALUE 08 MAX VALUE	77 - 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

NAME	SIZE	DESCRIPTION	LOCATION
HUBUSL2	2	See BUSL1 VALID ENTRIES 1 MIN VALUE 99 MAX VALUE	83 - 84
HUBUSL3	2	See BUSL1 VALID ENTRIES 1 MIN VALUE 99 MAX VALUE	85 - 86
HUBUSL4	2	See BUSL1 VALID ENTRIES 1 MIN VALUE 99 MAX VALUE	87 - 88

NAME	SIZE	DESCRIPTION	LOCATION

A2. GEOGRAPHIC INFORMATION

GEREG	2	REGION	89 - 90

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

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

GESTCEN	2	CENSUS STATE CODE	91 - 92

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

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

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

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

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

GECMSA	2	CMSA FIPS CODE	95 - 96

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

00	NOT IDENTIFIED OR NONMETROPOLITAN
07	MIN VALUE
97	MAX VALUE

SPECIFIC CMSA CODE (SEE ATTACHMENT 12)

NAME	SIZE	DESCRIPTION	LOCATION
GEMSA	4	MSA/PMSA FIPS CODE EDITED UNIVERSE: ALL HHLD's IN SAMPLE VALID ENTRIES 0000 NOT IDENTIFIED OR NONMETROPOLITAN 0080 MIN VALUE 9360 MAX VALUE SPECIFIC MSA/PMSA CODE (SEE ATTACHMENT 12)	97 - 100
GECO	3	FIPS COUNTY CODE EDITED UNIVERSE: ALL HHLD's IN SAMPLE VALID ENTRIES 000 NOT IDENTIFIED 001-810 SPECIFIC COUNTY CODE (SEE ATTACHMENT 12) NOTE: THIS CODE MUST BE USED IN COMBINATION WITH A STATE CODE (GESTFIPS or GESTCEN) IN ORDER TO UNIQUELY IDENTIFY A COUNTY.	101 - 103
GEMSAST	1	CENTRAL CITY/BALANCE STATUS EDITED UNIVERSE: ALL HHLD's IN SAMPLE VALID ENTRIES 1 CENTRAL CITY 2 BALANCE 3 NONMETROPOLITAN 4 NOT IDENTIFIED	104 - 104

NAME	SIZE	DESCRIPTION	LOCATION
GEMETSTA	1	METROPOLITAN STATUS	105 - 105

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

1 METROPOLITAN
2 NONMETROPOLITAN
3 NOT IDENTIFIED

GEINDVCC	1	INDIVIDUAL CENTRAL CITY	106 - 106

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

0 NOT IDENTIFIED, NONMETROPOLITAN, or NOT A CENTRAL CITY
1-4 SPECIFIC CENTRAL CITY CODE (SEE ATTACHMENT 12)

NOTE: WHENEVER POSSIBLE THIS CODE IDENTIFIES SPECIFIC CENTRAL CITIES IN AN MSA/PMSA THAT HAVE MULTIPLE CENTRAL CITIES. THIS CODE MUST BE USED IN COMBINATION WITH THE MSA/PMSA FIPS CODE (GEMSA) IN ORDER TO UNIQUELY IDENTIFY A SPECIFIC CITY.

GEMSASZ	1	MSA/PMSA SIZE	107 - 107

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
GECMSASZ	1	CMSA/MSA SIZE	108 - 108

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

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

HULENSEC	5	CUMULATIVE INTERVIEW TIME IN SECONDS	109 - 113

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

00000	MIN VALUE
99999	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION

A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS

PROLDRRP	2	RELATIONSHIP TO REFERENCE PERSON (RECODE) 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	114 - 115
PUPELIG	2	INTERVIEW STATUS OF EACH PERSON IN THE HOUSEHOLD 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	116 - 117

NAME	SIZE	DESCRIPTION	LOCATION
		10 DECEASED 11 END OF LIST 12 AFTER END OF LIST	
PERRP	2	RELATIONSHIP TO REFERENCE PERSON EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3 <u>VALID ENTRIES</u> EXPANDED RELATIONSHIP CATEGORIES 01 REFERENCE PERSON W/RELS. 02 REFERENCE PERSON W/O RELS. 03 SPOUSE 04 CHILD 05 GRANDCHILD 06 PARENT 07 BROTHER/SISTER 08 OTHER REL. OR REF. PERSON 09 FOSTER CHILD 10 NONREL. OF REF. PERSON W/RELS. 11 NOT USED 12 NONREL. OF REF. PERSON W/O RELS. 13 UNMARRIED PARTNER W/RELS. 14 UNMARRIED PARTNER W/OUT RELS. 15 HOUSEMATE/ROOMMATE W/RELS. 16 HOUSEMATE/ROOMMATE W/OUT RELS. 17 ROOMER/BOARDER W/RELS. 18 ROOMER/BOARDER W/OUT RELS. SEE LOCATION 114 - 115 FOR THE COLLAPSED VERSION	118 - 119
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

NAME	SIZE	DESCRIPTION	LOCATION
PRTAGE	2	PERSONS AGE AS OF THE END OF SURVEY WEEK EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 <u>VALID ENTRIES</u> 0 MIN VALUE 80 MAX VALUE	122 - 123
PRTFAGE	1	TOP CODE FOR AGE <u>VALID ENTRIES</u> 0 NO TOP CODE 1 TOP CODED VALUE FOR AGE	124 - 124

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* BEGINS IN APRIL 1996 *
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PEMARITL	2	MARITAL STATUS 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	125 - 126
PESPOUSE	2	LINE NUMBER OF SPOUSE EDITED UNIVERSE: PEMARITL = 1 <u>VALID ENTRIES</u> -1 NO SPOUSE 01 MIN VALUE 99 MAX VALUE	127 - 128

NAME	SIZE	DESCRIPTION	LOCATION
PESEX	2	SEX EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 1 MALE 2 FEMALE	129 - 130
PUAFEVER	2	DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES? VALID ENTRIES 1 YES 2 NO	131 - 132
PEAFWHEN	2	WHEN DID YOU SERVE? EDITED UNIVERSE: PRPERTYP = 2 VALID ENTRIES 1 VIETNAM ERA (8/64-4/75) 2 KOREAN WAR (6/50-1/55) 3 WORLD WAR II (9/40-7/47) 4 WORLD WAR I (4/17-11/18) 5 OTHER SERVICE (ALL OTHER PERIODS) 6 NONVETERAN	133 - 134
PEAFNOW	2	ARE YOU NOW IN THE ARMED FORCES EDITED UNIVERSE: PRPERTYP = 2 0R 3 VALID ENTRIES 1 YES 2 NO	135 - 136

NAME	SIZE	DESCRIPTION	LOCATION
PEEDUCA	2	HIGHEST LEVEL OF SCHOOL COMPLETED OR DEGREE RECEIVED	137 - 138

EDITED UNIVERSE:
PRPERTYP = 2 0R 3

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)

PTDTRACE	2	RACE	139 - 140

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 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

NAME	SIZE	DESCRIPTION	LOCATION
		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 EDITED UNIVERSE: PEHSPNON = 1 VALID ENTRIES 1. Mexican 2. Puerto Rican 3. Cuban 4. Central/South American 5. Other Spanish	141 - 142
PUCHINHH	2	CHANGE IN HOUSEHOLD COMPOSITION 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	143 - 144

NAME	SIZE	DESCRIPTION	LOCATION
PURELFLG	2	FLAG FOR RELATIONSHIP TO THE OWNER OF A BUSINESS. VALID ENTRIES 0 NOT OWNER OR RELATED TO OWNER 1 OWNER OF BUS OR RELATED TO OWNER OF BUS	145 - 146
PULINENO	2	PERSON'S LINE NUMBER VALID ENTRIES 01 MIN VALUE 99 MAX VALUE	147 - 148
FILLER	2	Filler	149 - 150
PRFAMNUM	2	FAMILY NUMBER RECODE EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 00 NOT A FAMILY MEMBER 01 PRIMARY FAMILY MEMBER ONLY 02 SUBFAMILY NO. 2 MEMBER 03 SUBFAMILY NO. 3 MEMBER 04 SUBFAMILY NO. 4 MEMBER 05 SUBFAMILY NO. 5 MEMBER 06 SUBFAMILY NO. 6 MEMBER 07 SUBFAMILY NO. 7 MEMBER 08 SUBFAMILY NO. 8 MEMBER 09 SUBFAMILY NO. 9 MEMBER 10 SUBFAMILY NO. 10 MEMBER 11 SUBFAMILY NO. 11 MEMBER 12 SUBFAMILY NO. 12 MEMBER 13 SUBFAMILY NO. 13 MEMBER 14 SUBFAMILY NO. 14 MEMBER 15 SUBFAMILY NO. 15 MEMBER 16 SUBFAMILY NO. 16 MEMBER 17 SUBFAMILY NO. 17 MEMBER 18 SUBFAMILY NO. 18 MEMBER 19 SUBFAMILY NO. 19 MEMBER	151 - 152

NAME	SIZE	DESCRIPTION	LOCATION

NAME	SIZE	DESCRIPTION	LOCATION
PRFAMREL	2	FAMILY RELATIONSHIP RECODE	153 - 154

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

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

PRFAMTYP	2	FAMILY TYPE RECODE	155 - 156

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

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

PEHSPNON	2	HISPANIC OR NON-HISPANIC	157 - 158

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

1 HISPANIC
2 NON-HIPSANIC

NAME	SIZE	DESCRIPTION	LOCATION
PRMARSTA	2	MARITAL STATUS BASED ON ARMED FORCES PARTICIPATION EDITED UNIVERSE: PRPERTYP = 2 0R 3 VALID ENTRIES 1 MARRIED, CIVILIAN SPOUSE PRESENT 2 MARRIED, ARMED FORCES SPOUSE PRESENT 3 MARRIED, SPOUSE ABSENT (EXC. SEPARATED) 4 WIDOWED 5 DIVORCED 6 SEPARATED 7 NEVER MARRIED	159 - 160
PRPERTYP	2	TYPE OF PERSON RECORD RECODE EDITED UNIVERSE: ALL HOUSEHOLD MEMBERS VALID ENTRIES 1 CHILD HOUSEHOLD MEMBER 2 ADULT CIVILIAN HOUSEHOLD M EMBER 3 ADULT ARMED FORCES HOUSEHOLD MEMBER	161 - 162
PENATVTY	3	COUNTRY OF BIRTH EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 057 UNITED STATES 072 PUERTO RICO 096 U.S. OUTLYING AREA 100-554 FOREIGN COUNTRY OR AT SEA 555 ABROAD, COUNTRY NOT KNOWN	163 - 165

NAME	SIZE	DESCRIPTION	LOCATION
PEMNTVTY	3	MOTHER'S COUNTRY OF BIRTH EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 057 UNITED STATES 072 PUERTO RICO 096 U.S. OUTLYING AREA 100-554 FOREIGN COUNTRY OR AT SEA 555 ABROAD, COUNTRY NOT KNOWN	166 - 168
PEFNTVTY	3	FATHER'S COUNTRY OF BIRTH EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 057 UNITED STATES 072 PUERTO RICO 096 U.S. OUTLYING AREA 100-554 FOREIGN COUNTRY OR AT SEA 555 ABROAD, COUNTRY NOT KNOWN	169 - 171
PRCITSHP	2	CITIZENSHIP STATUS EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 1 NATIVE, BORN IN THE UNITED STATES 2 NATIVE, BORN IN PUERTO RICO OR U.S. OUTLYING 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 HE UNITED STATES	172 - 173

NAME	SIZE	DESCRIPTION	LOCATION
PRCITFLG	2	CITIZENSHIP ALLOCATION FLAG EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 (SEE ATTACHMENT 15 FOR VALUES OF ALLOCATION FLAGS) Placed in this position because naming convention is different from all other allocation flags.	174 - 175
PRINUSYR	2	IMMIGRANT'S YEAR OF ENTRY EDITED UNIVERSE: PRCITSHP = 2, 3, 4, OR 5 <u>VALID ENTRIES</u> -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 2000-2003	176 - 177

****
* STARTING JANUARY 2004 *
****

17 2000-2001
18 2002-2004

NAME	SIZE	DESCRIPTION	LOCATION
**********			
* STARTING JANUARY 2005 *			
**********			
	18	2002-2005	
**********			
* STARTING JANUARY 2006 *			
**********			
	18	2002-2003	
	19	2004-2006	
**********			
* STARTING JANUARY 2007 *			
**********			
	19	2004-2007	

NAME	SIZE	DESCRIPTION	LOCATION

A4. PERSONS INFORMATION LABOR FORCE ITEMS

PUSLFPRX	2	LABOR FORCE INFORMATION COLLECTED BY SELF OR PROXY RESPONSE VALID ENTRIES 1 SELF 2 PROXY 3 BOTH SELF AND PROXY	178 - 179
PEMLR	2	MONTHLY LABOR FORCE RECODE EDITED UNIVERSE: PRPERTYP = 2 VALID ENTRIES 1 EMPLOYED-AT WORK 2 EMPLOYED-ABSENT 3 UNEMPLOYED-ON LAYOFF 4 UNEMPLOYED-LOOKING 5 NOT IN LABOR FORCE-RETIRED 6 NOT IN LABOR FORCE-DISABLED 7 NOT IN LABOR FORCE-OTHER	180 - 181
PUWK	2	LAST WEEK, DID YOU DO ANY WORK FOR (EITHER) PAY (OR PROFIT)? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	182 - 183
PUBUS1	2	LAST WEEK, DID YOU DO ANY UNPAID WORK IN THE FAMILY BUSINESS OR FARM? VALID ENTRIES 1 YES 2 NO	184 - 185

NAME	SIZE	DESCRIPTION	LOCATION
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 PUABSRSN 2 GOTO PULAY	192 - 193
PUBUSCK4	2	CHECK ITEM 4 <u>VALID ENTRIES</u> 1 GOTO PUHRUSL1 2 GOTO PUABSPD	194 - 195

NAME	SIZE	DESCRIPTION	LOCATION
PURETOT	2	RETIREMENT STATUS (LAST MONTH YOU WERE REPORTED TO BE RETIRED, ARE YOU STILL RETIRED THIS MONTH?) VALID ENTRIES 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? VALID ENTRIES 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)) VALID ENTRIES 1 YES 2 NO 3 HAS A JOB	200 - 201
PUDIS1	2	DOES YOUR DISABILITY PREVENT YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS? VALID ENTRIES 1 YES 2 NO	202 - 203

NAME	SIZE	DESCRIPTION	LOCATION
PUDIS2	2	DO YOU HAVE A DISABILITY THAT PREVENTS YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS? VALID ENTRIES 1 YES 2 NO	204 - 205
PUABSOT	2	LAST WEEK DID YOU HAVE A JOB EITHER FULL OR PART-TIME? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	206 - 207
PULAY	2	LAST WEEK, WERE YOU ON LAYOFF FROM A JOB? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	208 - 209
PEABSRSN	2	WHAT IS THE MAIN REASON YOU WERE ABSENT FROM WORK LAST WEEK? EDITED UNIVERSE: PEMLR = 2 VALID ENTRIES 1 ON LAYOFF 2 SLACK WORK/BUSINESS CONDITIONS 3 WAITING FOR A NEW JOB TO BEGIN 4 VACATION/PERSONAL DAYS 5 OWN ILLNESS/INJURY/MEDICAL PROBLEMS 6 CHILD CARE PROBLEMS 7 OTHER FAMILY/PERSONAL OBLIGATION 8 MATERNITY/PATERNITY LEAVE	210 - 211

NAME	SIZE	DESCRIPTION	LOCATION
		9 LABOR DISPUTE 10 WEATHER AFFECTED JOB 11 SCHOOL/TRAINING 12 CIVIC/MILITARY DUTY 13 DOES NOT WORK IN THE BUSINESS 14 OTHER (SPECIFY)	
PEABSPDO	2	ARE YOU BEING PAID BY YOUR EMPLOYER FOR ANY OF THE TIME OFF LAST WEEK? EDITED UNIVERSE: PEABSRSN = 4-12, 14 VALID ENTRIES 1 YES 2 NO	212 - 213
PEMJOT	2	DO YOU HAVE MORE THAN ONE JOB? EDITED UNIVERSE: PEMLR = 1, 2 VALID ENTRIES 1 YES 2 NO	214 - 215
PEMJNUM	2	ALTOGETHER, HOW MANY JOBS DID YOU HAVE? EDITED UNIVERSE: PEMJOT = 1 VALID ENTRIES 2 2 JOBS 3 3 JOBS 4 4 OR MORE JOBS	216 - 217

NAME	SIZE	DESCRIPTION	LOCATION
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
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

NAME	SIZE	DESCRIPTION	LOCATION
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
PEHRRSN1	2	WHAT IS YOUR MAIN REASON FOR WORKING PART-TIME? EDITED UNIVERSE: PEHRWANT = 1 (PEMLR = 1 AND PEHRUSLT < 35) <u>VALID ENTRIES</u> 1 SLACK WORK/BUSINESS CONDITIONS 2 COULD ONLY FIND PART-TIME WORK 3 SEASONAL WORK 4 CHILD CARE PROBLEMS 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

NAME	SIZE	DESCRIPTION	LOCATION
PEHRRSN2	2	WHAT IS THE MAIN REASON YOU DO NOT WANT TO WORK FULL-TIME? EDITED UNIVERSE: PEHRWANT = 2 (PEMLR = 1 AND PEHRUSLT < 35) VALID ENTRIES 1 CHILD CARE PROBLEMS 2 OTHER FAMILY/PERSONAL OBLIGATIONS 3 HEALTH/MEDICAL LIMITATIONS 4 SCHOOL/TRAINING 5 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS 6 FULL-TIME WORKWEEK LESS THAN 35 HOURS 7 OTHER - SPECIFY	231 - 232
PEHRRSN3	2	WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK? EDITED UNIVERSE: PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2 (PEMLR = 1 AND PEHRUSLT = 35+) VALID ENTRIES 1 SLACK WORK/BUSINESS CONDITIONS 2 SEASONAL WORK 3 JOB STARTED OR ENDED DURING WEEK 4 VACATION/PERSONAL DAY 5 OWN ILLNESS/INJURY/MEDICAL APPOINTMENT 6 HOLIDAY (LEGAL OR RELIGIOUS) 7 CHILD CARE PROBLEMS 8 OTHER FAMILY/PERSONAL OBLIGATIONS 9 LABOR DISPUTE 10 WEATHER AFFECTED JOB 11 SCHOOL/TRAINING 12 CIVIC/MILITARY DUTY 13 OTHER REASON	233 - 234

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

NAME	SIZE	DESCRIPTION	LOCATION

NAME	SIZE	DESCRIPTION	LOCATION
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
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
PULBHSEC	5	TOTAL SECONDS TO COMPLETE LABOR FORCE ITEMS. <u>VALID ENTRIES</u> 00000 MIN VALUE 99999 MAX VALUE	252 - 256

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK1	2	CHECK ITEM 1	257 - 258
		<u>VALID ENTRIES</u>	
		1 GOTO PUHRUSL2 2 GOTO PUHRUSLT	
PUHRCK2	2	CHECK ITEM 2 SKIPS PERSONS RESPONDING YES TO HRFTPT OUT OF PT SERIES	259 - 260
		<u>VALID ENTRIES</u>	
		1 IF ENTRY OF 1 IN MJ AND ENTRY OF D, R OR V IN HRUSL1 AND ENTRY OF D, R, V OR 0-34 IN HRUSL2 GOTO HRFTPT 2 IF ENTRY OF 1 IN MJ AND ENTRY OF D, R OR V IN HRUSL2 AND ENTRY OF D, R V OR 0-34 IN HRUSL1 GOTO HRFTPT 3 IF ENTRY OF 2, D OR R IN MJ AND ENTRY OF D, R OR V IN HRUSL1 GOTO HRFTPT 4 IF ENTRY OF 1 IN BUS1 AND ENTRY OF D, R OR V IN HRUSL1 THEN GOTO HRFTPT 5 ALL OTHERS GOTO HRCK3-C	
PUHRCK3	2	CHECK ITEM 3	261 - 262
		<u>VALID ENTRIES</u>	
		1 IF ENTRY OF 1 IN ABSOT OR (ENTRY OR 2 IN ABSOT AND ENTRY OF 1 IN BUS AND CURRENT R_P EQUALS BUSLST) THEN GOTO HRCK8 2 IF ENTRY OF 3 IN RET1 GOTO HRCK8 3 IF ENTRY IN HRUSLT IS 0-34 HOURS GO TO 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

VALID ENTRIES

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

PUHRCK5	2	CHECK ITEM 5	265 - 266

VALID ENTRIES

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

PUHRCK6	2	CHECK ITEM 6	267 - 268

VALID ENTRIES

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

PUHRCK7	2	CHECK ITEM 7	269 - 270

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
		5 ALL OTHERS GOTO HRCK8	
PUHRCK12	2	CHECK ITEM 12 VALID ENTRIES 1 IF ENTRY OF 2, D OR R IN BUS2 AND HRACTT IS LESS THAN 15 OR D GOTO LK 2 ALL OTHERS GOTO IOCK1	271 - 272
PULAYDT	2	HAS YOUR EMPLOYER GIVEN YOU A DATE TO RETURN TO WORK? VALID ENTRIES 1 YES 2 NO	273 - 274
PULAY6M	2	HAVE YOU BEEN GIVEN ANY INDICATION THAT YOU WILL BE RECALLED TO WORK WITHIN THE NEXT 6 MONTHS? VALID ENTRIES 1 YES 2 NO	275 - 276
PELAYAVL	2	COULD YOU HAVE RETURNED TO WORK LAST WEEK IF YOU HAD BEEN RECALLED? EDITED UNIVERSE: PEMLR = 3 VALID ENTRIES 1 YES 2 NO	277 - 278
PULAYAVR	2	WHY IS THAT? VALID ENTRIES 1 OWN TEMPORARY ILLNESS 2 GOING TO SCHOOL 3 OTHER	279 - 280

NAME	SIZE	DESCRIPTION	LOCATION

NAME	SIZE	DESCRIPTION	LOCATION
PELAYLK	2	EVEN THOUGH YOU ARE TO BE CALLED BACK TO WORK, HAVE YOU BEEN LOOKING FOR WORK DURING THE LAST 4 WEEKS. EDITED UNIVERSE: PELAYAVL= 1, 2 <u>VALID ENTRIES</u> 1 YES 2 NO	281 - 282
PELAYDUR	3	DURATION OF LAYOFF EDITED UNIVERSE: PELAYLK = 1, 2 <u>VALID ENTRIES</u> 1 MIN VALUE 260 MAX VALUE	283 - 285
PELAYFTO	2	FT/PT STATUS OF JOB FROM WHICH SAMPLE PERSON WAS ON LAYOFF FROM EDITED UNIVERSE: PELAYDUR = 0-120 <u>VALID ENTRIES</u> 1 YES 2 NO	286 - 287
PULAYCK1	2	CHECK ITEM 1 <u>VALID ENTRIES</u> 1 GOTO PULAYCK3 2 GOTO PULAYFT 3 GOTO PULAYDR	288 - 289

NAME	SIZE	DESCRIPTION	LOCATION
PULAYCK2	2	CHECK ITEM 2 SCREEN FOR DEPENDENT LAYOFF <u>VALID ENTRIES</u> 1 GOTO PULAYDR3 2 GOTO PULAYFT	290 - 291
PULAYCK3	2	CHECK ITEM 3 FILTER FOR DEPENDENT I & O <u>VALID ENTRIES</u> 1 MISCK = 5 GOTO IO1INT 2 I-ICR = 1 OR I-OCR = 1, GOTO IO1INT 3 ALL OTHERS GOTO SCHCK	292 - 293
PULK	2	HAVE YOU BEEN DOING ANYTHING TO FIND WORK DURING THE LAST 4 WEEKS? <u>VALID ENTRIES</u> 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	294 - 295
PELKM1	2	WHAT ARE ALL OF THE THINGS YOU HAVE DONE TO FIND WORK DURING THE LAST 4 WEEKS? (FIRST METHOD) EDITED UNIVERSE: PEMLR = 4 <u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY /INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	296 - 297

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 12 NOTHING 13 OTHER PASSIVE	
PULKM2	2	ANYTHING ELSE? (SECOND METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW 2 CONTACTED PUBLIC EMPLOYMEN AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EM 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	298 - 299
PULKM3	2	SAME AS PULKM2 (THIRD METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL	300 - 301

NAME	SIZE	DESCRIPTION	LOCATION
		CENTER	
		6 SENT OUT RESUMES/FILLED OUT APPLICATION	
		7 CHECKED UNION/PROFESSIONAL REGISTERS	
		8 PLACED OR ANSWERED ADS	
		9 OTHER ACTIVE	
		10 LOOKED AT ADS	
		11 ATTENDED JOB TRAINING PROGRAMS/ COURSES	
		13 OTHER PASSIVE	
PULKM4	2	SAME AS PULKM2 (FOURTH METHOD)	302 - 303
		VALID ENTRIES	
		1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW	
		2 CONTACTED PUBLIC EMPLOYMENT AGENCY	
		3 CONTACTED PRIVATE EMPLOYMENT AGENCY	
		4 CONTACTED FRIENDS OR RELATIVES	
		5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	
		6 SENT OUT RESUMES/FILLED OUT APPLICATION	
		7 CHECKED UNION/PROFESSIONAL REGISTERS	
		8 PLACED OR ANSWERED ADS	
		9 OTHER ACTIVE	
		10 LOOKED AT ADS	
		11 ATTENDED JOB TRAINING PROGRAMS/ COURSES	
		13 OTHER PASSIVE	
PULKM5	2	SAME AS PULKM2 (FIFTH METHOD)	304 - 305
		VALID ENTRIES	
		1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW	
		2 CONTACTED PUBLIC EMPLOYMENT AGENCY	
		3 CONTACTED PRIVATE EMPLOYMENT	

NAME	SIZE	DESCRIPTION	LOCATION
		AGENCY	
		4 CONTACTED FRIENDS OR RELATIVES	
		5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	
		6 SENT OUT RESUMES/FILLED OUT APPLICATION	
		7 CHECKED UNION/PROFESSIONAL REGISTERS	
		8 PLACED OR ANSWERED ADS	
		9 OTHER ACTIVE	
		10 LOOKED AT ADS	
		11 ATTENDED JOB TRAINING PROGRAMS/ COURSES	
		13 OTHER PASSIVE	
PULKM6	2	SAME AS PULKM2 (SIXTH METHOD)	306 - 307
		VALID ENTRIES	
		1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW	
		2 CONTACTED PUBLIC EMPLOYMENT AGENCY	
		3 CONTACTED PRIVATE EMPLOYMENT AGENCY	
		4 CONTACTED FRIENDS OR RELATIVES	
		5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	
		6 SENT OUT RESUMES/FILLED OUT APPLICATION	
		7 CHECKED UNION/PROFESSIONAL REGISTERS	
		8 PLACED OR ANSWERED ADS	
		9 OTHER ACTIVE	
		10 LOOKED AT ADS	
		11 ATTENDED JOB TRAINING PROGRAMS/ COURSES	
		13 OTHER PASSIVE	

NAME	SIZE	DESCRIPTION	LOCATION
PULKDK1	2	YOU SAID YOU HAVE BEEN TRYING TO FIND WORK. HOW DID YOU GO ABOUT LOOKING? (FIRST METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 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 PROGRAM COURSES 12 NOTHING 13 OTHER PASSIVE	308 - 309
PULKDK2	2	ANYTHING ELSE? (SECOND METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS	310 - 311

NAME	SIZE	DESCRIPTION	LOCATION
		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 AGENCY	
		3 CONTACTED PRIVATE EMPLOYME 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	
PULKDK4	2	SAME AS PULKDK2 (FOURTH METHOD)	314 - 315
		VALID ENTRIES	
		1 CONTACTED EMPLOYER DIRECTLY INTERVIEW	
		2 CONTACTED PUBLIC EMPLOYMENT AGENCY	
		3 CONTACTED PRIVATE EMPLOYMENT AGENCY	
		4 CONTACTED FRIENDS OR RELATIVES	
		5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	
		6 SENT OUT RESUMES/FILLED OUT APPLICATION	
		7 CHECKED UNION/PROFESSIONAL REGISTERS	
		8 PLACED OR ANSWERED ADS	
		9 OTHER ACTIVE	

NAME	SIZE	DESCRIPTION	LOCATION
		10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/ COURSES 13 OTHER PASSIVE	
PULKDK5	2	SAME AS PULKDK2 (FIFTH METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EM 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	316 - 317
PULKDK6	2	SAME AS PULKDK2 (SIXTH METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION REGISTERS 8 PLACED OR ANSWERED ADS	318 - 319

NAME	SIZE	DESCRIPTION	LOCATION
		9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS COURSES 13 OTHER PASSIVE	
PULKPS1	2	CAN YOU TELL ME MORE ABOUT WHAT YOU DID TO SEARCH FOR WORK? (FIRST METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/ COURSES 12 NOTHING 13 OTHER PASSIVE	320 - 321
PULKPS2	2	ANYTHING ELSE? (SECOND METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	322 - 323

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	
PULKPS3	2	SAME AS PULKPS2 (THIRD METHOD) <u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/ COURSES 13 OTHER PASSIVE	324 - 325
PULKPS4	2	SAME AS PULKPS2 (FOURTH METHOD) <u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW 2 CONTACTED PUBLIC EMPLOYMEN AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES	326 - 327

NAME	SIZE	DESCRIPTION	LOCATION
		5 CONTACTED SCHOOL/UNIVERSITY EM CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/ COURSES 13 OTHER PASSIVE	
PULKPS5	2	SAME AS PULKPS2 (FIFTH METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OU APPLICATION REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS COURSES 13 OTHER PASSIVE	328 - 329
PULKPS6	2	SAME AS PULKPS2 (SIXTH METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES	330 - 331

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? EDITED UNIVERSE: PELKM1 = 1 - 13 <u>VALID ENTRIES</u> 1 YES 2 NO	332 - 333
PULKAVR	2	WHY IS THAT? <u>VALID ENTRIES</u> 1 WAITING FOR NEW JOB TO BEGIN 2 OWN TEMPORARY ILLNESS 3 GOING TO SCHOOL 4 OTHER - SPECIFY	334 - 335
PELKLL1O	2	BEFORE YOU STARTED LOOKING FOR WORK, WHAT WERE YOU DOING: WORKING, GOING TO SCHOOL, OR SOMETHING ELSE? EDITED UNIVERSE: PELKAVL = 1-2 <u>VALID ENTRIES</u> 1 WORKING 2 SCHOOL 3 LEFT MILITARY SERVICE	336 - 337

NAME	SIZE	DESCRIPTION	LOCATION
	4	SOMETHING ELSE	

NAME	SIZE	DESCRIPTION	LOCATION
PELKLL2O	2	DID YOU LOSE OR QUIT THAT JOB, OR WAS IT A TEMPORARY JOB THAT ENDED? EDITED UNIVERSE: PELKLL1O = 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: PELKLL1O = 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? EDITED UNIVERSE: PUDWCK1 = 3, 4, -1 VALID ENTRIES 1 YES, OR MAYBE, IT DEPENDS 2 NO 3 RETIRED 4 DISABLED 5 UNABLE	347 - 348
PEDWRSN	2	WHAT IS THE MAIN REASON YOU WERE NOT LOOKING FOR WORK DURING THE LAST 4 WEEKS? 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	349 - 350
PEDWLKO	2	DID YOU LOOK FOR WORK AT ANY TIME IN THE LAST 12 MONTHS EDITED UNIVERSE: (PUDWCK4 = 1-3) or (PEDWRSN = 1-11) VALID ENTRIES 1 YES 2 NO	351 - 352

NAME	SIZE	DESCRIPTION	LOCATION
PEDWWK	2	DID YOU ACTUALLY WORK AT A JOB OR BUSINESS DURING THE LAST 12 MONTHS? EDITED UNIVERSE: PEDWLKO = 1 VALID ENTRIES 1 YES 2 NO	353 - 354
PEDW4WK	2	DID YOU DO ANY OF THIS WORK DURING THE LAST 4 WEEKS? EDITED UNIVERSE: PEDWWK = 1 VALID ENTRIES 1 YES 2 NO	355 - 356
PEDWLKWK	2	SINCE YOU LEFT THAT JOB OR BUSINESS HAVE YOU LOOKED FOR WORK? EDITED UNIVERSE: PEDW4WK = 2 VALID ENTRIES 1 YES 2 NO	357 - 358
PEDWAVL	2	LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED? EDITED UNIVERSE: (PEDWWK = 2) or (PEDWLKWK = 1) VALID ENTRIES 1 YES 2 NO	359 - 360

NAME	SIZE	DESCRIPTION	LOCATION
PEDWAVR	2	WHY IS THAT? EDITED UNIVERSE: PEDWAVL = 2 VALID ENTRIES 1 OWN TEMPORARY ILLNESS 2 GOING TO SCHOOL 3 OTHER	361 - 362
PUDWCK1	2	SCREEN FOR DISCOURAGED WORKERS VALID ENTRIES 1 IF ENTRY OF 2 IN BUS2 GOTO PUSCHCK 2 IF ENTRY OF 3 ON ABSRSN GOTO PUNLFCK1 3 IF ENTRY OF 1 IN RET1, STORE 1 IN DWWNTO AND GOTO PUDWCK4 4 ALL OTHERS GOTO PUDWWNT	363 - 364
PUDWCK2	2	SCREEN FOR DISABLED VALID ENTRIES 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	365 - 366
PUDWCK3	2	FILTER FOR RETIRED VALID ENTRIES 1 IF AGERNG EQUALS 1-4 OR 9 GOTO PUDWCK4 2 ALL OTHERS GOTO PUNLFCK2	367 - 368

NAME	SIZE	DESCRIPTION	LOCATION
PUDWCK4	2	FILTER FOR PASSIVE JOB SEEKERS VALID ENTRIES 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	369 - 370
PUDWCK5	2	FILTER FOR PASSIVE JOB SEEKERS VALID ENTRIES 1 IF ENTRY OF 1 IN LK THEN STORE 1 IN DWLKO AND GOTO PUDWWK 2 ALL OTHERS GOTO PUDWLK	371 - 372
PEJHWKO	2	HAVE YOU WORKED AT A JOB OR BUSINESS AT ANY TIME DURING THE PAST 12 MONTHS? EDITED UNIVERSE: HRMIS = 4 or 8 AND PEMLR = 5, 6, AND 7 VALID ENTRIES 1 YES 2 NO	373 - 374
PUJHDP1O	2	DID YOU DO ANY OF THIS WORK IN THE LAST 4 WEEKS? VALID ENTRIES 1 YES 2 NO	375 - 376

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

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

VALID ENTRIES

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
		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 <u>VALID ENTRIES</u> 01 IN CIVILIAN LABOR FORCE 02 NOT IN CIVILIAN LABOR FORCE	387 - 388
PRDISC	2	DISCOURAGED WORKER RECODE EDITED UNIVERSE: PRJOBSEA = 1-4 <u>VALID ENTRIES</u> 1 DISCOURAGED WORKER 2 CONDITIONALLY INTERESTED 3 NOT AVAILABLE	389 - 390

NAME	SIZE	DESCRIPTION	LOCATION
PREMPHRS	2	REASON NOT AT WORK OR HOURS AT WORK	391 - 392

EDITED UNIVERSE:
PEMLR = 1-7

VALID ENTRIES

0	UNEMPLOYED AND NILF
1	W/JOB, NOT AT WORK-ILLNES
2	W/JOB, NOT AT WORK-VACATION
3	W/JOB, NOT AT WORK-WEATHER AFFECTED JOB
4	W/JOB, NOT AT WORK-LABOR DISPUTE
5	W/JOB, NOT AT WORK-CHILD CARE PROBLEMS
6	W/JOB, NOT AT WORK-FAM/PERS OBLIGATION
7	W/JOB, NOT AT WORK-MATERNITY/ PATERNITY
8	W/JOB, NOT AT WORK-SCHOOL/ TRAINING
9	W/JOB, NOT AT WORK-CIVI MILITARY DUTY
10	W/JOB, NOT AT WORK-DOES NOT WORK IN BUS
11	W/JOB, NOT AT WORK-OTHER
12	AT WORK- 1-4 HRS
13	AT WORK- 5-14 HRS
14	AT WORK- 15-21 HRS
15	AT WORK- 22-29 HRS
16	AT WORK- 30-34 HRS
17	AT WORK- 35-39 HRS
18	AT WORK- 40 HRS
19	AT WORK- 41-47 HRS
20	AT WORK- 48 HRS
21	AT WORK- 49-59 HRS
22	AT WORK- 60 HRS OR MORE

NAME	SIZE	DESCRIPTION	LOCATION
PREMPNOT	2	MLR - EMPLOYED, UNEMPLOYED, OR NILF	393 - 394

EDITED UNIVERSE:
PEMLR = 1-7

VALID ENTRIES

1 EMPLOYED
2 UNEMPLOYED
3 NOT IN LABOR FORCE (NILF)-discouraged
4 NOT IN LABOR FORCE (NILF)-other

PREXPLF	2	EXPERIENCED LABOR FORCE EMPLOYMENT	395 - 396

EDITED UNIVERSE:
PEMLR = 1-4 AND
PELKLWO ne 3

VALID ENTRIES

1 EMPLOYED
2 UNEMPLOYED

PRFTLF	2	FULL TIME LABOR FORCE	397 - 398

EDITED UNIVERSE:
PEMLR = 1-4

VALID ENTRIES

1 FULL TIME LABOR FORCE
2 PART TIME LABOR FORCE

NAME	SIZE	DESCRIPTION	LOCATION
PRHRUSL	2	USUAL HOURS WORKED WEEKLY	399 - 400

EDITED UNIVERSE:
PEMLR = 1-2

VALID ENTRIES

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

PRJOBSEA	2	JOB SEARCH RECODE	401 - 402

EDITED UNIVERSE:
PRWNTJOB = 1

VALID ENTRIES

1 LOOKED LAST 4 WEEKS - NOT WORKED
2 LOOKED LAST 4 WEEKS - WORKED
3 LOOKED LAST 4 WEEKS - LAYOFF
4 UNAVAILABLE JOB SEEKERS
5 NO RECENT JOB SEARCH

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

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

VALID ENTRIES

0 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
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

NAME	SIZE	DESCRIPTION	LOCATION
		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 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	405 - 406

NAME	SIZE	DESCRIPTION	LOCATION
PRUNEDUR	3	DURATION OF UNEMPLOYMENT FOR LAYOFF AND LOOKING RECORDS EDITED UNIVERSE: PEMLR = 3-4 <u>VALID ENTRIES</u> 0 MIN VALUE 999 MAX VALUE	407 - 409
PRUSFTPT	2	USUAL FULLTIME/PARTTIME STATUS EDITED UNIVERSE: PEMLR = 1-2 <u>VALID ENTRIES</u> 1 FULL TIME 2 PART TIME 3 STATUS UNKNOWN	410 - 411
PRUNTYPE	2	REASON FOR UNEMPLOYMENT 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	412 - 413
PRWKSCH	2	LABOR FORCE BY TIME WORKED OR LOST 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	414 - 415

NAME	SIZE	DESCRIPTION	LOCATION
		4 UNEMPLOYED, SEEKS PT	
PRWKSTAT	2	FULL/PART-TIME WORK STATUS	416 - 417
		EDITED UNIVERSE: PEMLR = 1-7	
		VALID ENTRIES	
		1 NOT IN LABOR FORCE	
		2 FT HOURS (35+), USUALLY FT	
		3 PT FOR ECONOMIC REASONS, USUALLY FT	
		4 PT FOR NON-ECONOMIC REASONS, USUALLY FT	
		5 NOT AT WORK, USUALLY FT	
		6 PT HRS, USUALLY PT FOR ECONOMIC REASONS	
		7 PT HRS, USUALLY PT FOR NON-ECONOMIC REASONS	
		8 FT HOURS, USUALLY PT FOR ECONOMIC REASONS	
		9 FT HOURS, USUALLY PT FOR NON-ECONOMIC	
		10 NOT AT WORK, USUALLY PART-TIME	
		11 UNEMPLOYED FT	
		12 UNEMPLOYED PT	
PRWNTJOB	2	NILF RECODE - WANT A JOB OR OTHER NILF	418 - 419
		EDITED UNIVERSE: PEMLR = 5-7	
		VALID ENTRIES	
		1 WANT A JOB	
		2 OTHER NOT IN LABOR FORCE	
PUJHCK3	2	JOB HISTORY CHECK ITEM	420 - 421
		VALID ENTRIES	
		1 IF I-MLR EQ 3 OR 4 THEN GOTO PUJHDP1	
		2 ALL OTHERS GOTO PUJHRSN	

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

VALID ENTRIES

1 IF ENTRY OF 2, D OR R IN PUDW4WK OR IN PUJHDP1O THEN GOTO PUJHCK5
2 IF ENTRY OF 1 IN PUDW4WK OR IN PUJHDP10 THEN GOTO PUIO1INT
3 IF I-MLR EQUALS 1 OR 2 AND ENTRY IN PUJHRSN THEN GOTO PUJHCK5
4 IF ENTRY IN PUJHRSN THEN GOTO PUIO1INT
5 ALL OTHERS GOTO PUNLFCK1

PUJHCK5	2	SCREEN FOR DEPENDENT NILF	424 - 425

VALID ENTRIES

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

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

VALID ENTRIES

1 YES
2 NO

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

VALID ENTRIES

1 YES
2 NO

NAME	SIZE	DESCRIPTION	LOCATION
PUIODP3	2	LAST MONTH YOU WERE REPORTED AS (A/AN) (OCCUPATION) AND YOUR USUAL ACTIVITIES WERE (DESCRIPTION). IS THIS AN ACCURATE DESCRIPTION OF YOUR CURRENT JOB? VALID ENTRIES 1 YES 2 NO	430 - 431
PEIO1COW	2	INDIVIDUAL CLASS OF WORKER CODE ON FIRST JOB 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	432 - 433

NAME	SIZE	DESCRIPTION	LOCATION
PUIO1MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE? <u>VALID ENTRIES</u> 1 MANUFACTURING 2 RETAIL TRADE 3 WHOLESALE TRADE 4 SOMETHING ELSE	434 - 435)
PADDING	6	Main Job I & O Codes moved to columns 856 - 863	436 - 441
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. EDITED UNIVERSE: PEMJOT = 1 AND (HRMIS = 4,8 OR PEIO1COW = 7,8) <u>VALID ENTRIES</u> 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	442 - 443

NAME	SIZE	DESCRIPTION	LOCATION
PUIO2MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE? <u>VALID ENTRIES</u> 1 MANUFACTURING 2 RETAIL TRADE 3 WHOLESALE TRADE 4 SOMETHING ELSE	444 - 445
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 <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	452 - 453
PUIOCK2	2	I & O CHECK ITEM 2 SCREEN FOR PREVIOUS MONTHS I AND O CASES <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	454 - 455
PUIOCK3	2	I & O CHECK ITEM 3 <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	456 - 457

NAME	SIZE	DESCRIPTION	LOCATION
		3 ALL OTHERS GOTO PUIODP3	
PRIOELG	2	INDUSTRY AND OCCUPATION ELIGIBILITY FLAG 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	458 - 459
PRAGNA	2	AGRICULTURE/ NON-AGRICULTURE INDUSTRY EDITED UNIVERSE: PRIOELG = 1 <u>VALID ENTRIES</u> 1 AGRICULTURAL 2 NON-AGRICULTURAL	460 - 461
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

NAME	SIZE	DESCRIPTION	LOCATION
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
PRDTCOW1	2	DETAILED CLASS OF WORKER RECODE - JOB 1 EDITED UNIVERSE: PRIOELG = 1 <u>VALID ENTRIES</u> 1 AGRI., WAGE & SALARY, PRIVATE 2 AGRI., WAGE & SALARY, GOVERNMENT 3 AGRI., SELF-EMPLOYED 4 AGRI., UNPAID 5 NONAG, WS, PRIVATE, PRIVATE HHLDS 6 NONAG, WS, PRIVATE, OTHER PRIVATE 7 NONAG, WS, GOVT, FEDERAL 8 NONAG, WS, GOVT, STATE 9 NONAG, WS, GOVT, LOCAL 10 NONAG, SELF-EMPLOYED 11 NONAG, UNPAID	468 - 469

NAME	SIZE	DESCRIPTION	LOCATION
PRDTCOW2	2	DETAILED CLASS OF WORKER RECODE - JOB 2	470 - 471

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

VALID ENTRIES

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION
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
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

NAME	SIZE	DESCRIPTION	LOCATION

35 Rental and leasing services
36 Professional and technical services
37 Management of companies and enterprises
38 Administrative and support services
39 Waste management and remediation services
40 Educational services
41 Hospitals
42 Health care services, except hospitals
43 Social assistance
44 Arts, entertainment, and recreation
45 Accommodation
46 Food services and drinking places
47 Repair and maintenance
48 Personal and laundry services
49 Membership associations and organizations
50 Private households
51 Public administration
52 Armed forces

PRDTOCC1	2	DETAILED OCCUPATION RECODE - JOB 1	476 - 477

EDITED UNIVERSE:
PRIOELG = 1

VALID ENTRIES

1 Management occupations
2 Business and financial operations occupations
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

NAME	SIZE	DESCRIPTION	LOCATION
		17 Office and administrative support occupations	
		18 Farming, fishing, and forestry occupations	
		19 Construction and extraction occupations	
		20 Installation, maintenance, and repair occupations	
		21 Production occupations	
		22 Transportation and material moving occupations	
		23 Armed Forces	
PRDTOCC2	2	DETAILED OCCUPATION RECODE	478 - 479

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PREMP	2	EMPLOYED PERSONS (NON-FARM & NON-PRIVATE HHLD) RECODE EDITED UNIVERSE: PEMLR = 1 OR 2 AND PEIO1OCD ne 403-407, 473-484 <u>VALID ENTRY</u> 1 EMPLOYED PERSONS (EXC. FARM & PRIV HH)	480 - 481
PRMJIND1	2	MAJOR INDUSTRY RECODE - JOB 1 EDITED UNIVERSE: PRDTIND1 = 1-51 <u>VALID ENTRIES</u> 1 Agriculture, forestry, fishing, and hunting 2 Mining 3 Construction 4 Manufacturing 5 Wholesale and retail trade 6 Transportation and utilities 7 Information 8 Financial activities 9 Professional and business services 10 Educational and health services 11 Leisure and hospitality 12 Other services 13 Public administration 14 Armed Forces	482 - 483
PRMJIND2	2	MAJOR INDUSTRY RECODE - JOB 2 EDITED UNIVERSE: PRDTIND2 = 1-51 <u>VALID ENTRIES</u> 1 Agriculture, forestry, fishing, and hunting 2 Mining 3 Construction	484 - 485

NAME	SIZE	DESCRIPTION	LOCATION
		4 Manufacturing 5 Wholesale and retail trade 6 Transportation and utilities 7 Information 8 Financial activities 9 Professional and business services 10 Educational and health services 11 Leisure and hospitality 12 Other services 13 Public administration 14 Armed Forces	
PRMJOCC1	2	MAJOR OCCUPATION RECODE - JOB 1 EDITED UNIVERSE: PRDTOCC1 = 1-46 <u>VALID ENTRIES</u> 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	486 - 487
PRMJOCC2	2	MAJOR OCCUPATION RECODE - JOB 2 EDITED UNIVERSE: PRDTOCC2 = 1-46 <u>VALID ENTRIES</u> 1 Management, business, and financial occupations 2 Professional and related occupations 3 Service occupations	488 - 489

NAME	SIZE	DESCRIPTION	LOCATION
		4 Sales and related occupations 5 Office and administrative support occupations 6 Farming, fishing, and forestry occupations 7 Construction and extraction occupations 8 Installation, maintenance, and repair occupations 9 Production occupations 10 Transportation and material moving occupations 11 Armed Forces	
PRMJOCGR	2	MAJOR OCCUPATION CATEGORIES EDITED UNIVERSE: PRMJOCC = 1-11 VALID ENTRIES 1 Management, professional, and related occupations 2 Service occupations 3 Sales and office occupations 4 Farming, fishing, and forestry occupations 5 Construction, and maintenance occupations 6 Production, transportation, and material moving occupations 7 Armed Forces	490 - 491
PRNAGPWS	2	NON-AGRICULTURE, PRIVATE WAGE AND SALARY WORKERS RECODE EDITED UNIVERSE: PRCOW1 = 1 AND PEIO1ICD ne 0170 - 0890 VALID ENTRY 1 NON-AG PRIV WAGE & SALARY	492 - 493
PRNAGWS	2	NON-AGRICULTURE WAGE AND SALARY WORKERS RECODE EDITED UNIVERSE: PEMLR = 1-4 AND PRCOW = 1-4 AND PEIO1ICD ne 0170-0290 VALID ENTRY	494 - 495

NAME	SIZE	DESCRIPTION	LOCATION
		1 NON-AG WAGE AND SALARY WORKERS	
PRSJMJ	2	SINGLE/MULTIPLE JOBHOLDER EDITED UNIVERSE: PEMLR = 1 OR 2 <u>VALID ENTRIES</u> 1 SINGLE JOBHOLDER 2 MULTIPLE JOBHOLDER	496 - 497
PRERELG	2	EARNINGS ELIGIBILITY FLAG EDITED UNIVERSE: PEMLR = 1-2 AND HRMIS = 4 OR 8 <u>VALID ENTRIES</u> 0 NOT ELIGIBLE FOR EDIT 1 ELIGIBLE FOR EDIT	498 - 499
PEERNUOT	2	DO YOU USUALLY RECEIVE OVERTIME PAY, TIPS, OR COMMISSIONS AT YOUR JOB? EDITED UNIVERSE: PRERELG = 1 <u>VALID ENTRIES</u> 1 YES 2 NO	500 - 501

NAME	SIZE	DESCRIPTION	LOCATION
PEERNPER	2	PERIODICITY EDITED UNIVERSE: PRERELG = 1 VALID ENTRIES 1 HOURLY 2 WEEKLY 3 BI-WEEKLY 4 TWICE MONTHLY 5 MONTHLY 6 ANNUALLY 7 OTHER - SPECIFY	502 - 503
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 VALID ENTRIES 1 YES 2 NO	504 - 505
PEERNHRY	2	HOURLY/NONHOURLY STATUS EDITED UNIVERSE: PRERELG = 1 VALID ENTRIES 1 HOURLY WORKER 2 NONHOURLY WORKER	506 - 507

NAME	SIZE	DESCRIPTION	LOCATION
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 PUERNHIC < or = 2884.61)	508 - 511
PEERNH2	4	(EXCLUDING OVERTIME PAY, TIPS AND COMMISSIONS) WHAT IS YOUR HOURLY RATE OF PAY ON YOUR (MAIN/THIS) JOB? DOLLAR AMOUNT - 2 IMPLIED DECIMALS EDITED UNIVERSE: PEERNRT = 1 <u>VALID ENTRIES</u> 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the in PEERNHRO such that PEERNHRO x PEERNH2 < or = 2884.61)	512 - 515
PEERNH1O	4	OUT VARIABLE FOR HOURLY RATE OF PAY (2 IMPLIED DECIMALS) EDITED UNIVERSE: PEERNPER = 1 <u>VALID ENTRIES</u> 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)	516 - 519

NAME	SIZE	DESCRIPTION	LOCATION
PRERNHLY	4	RECODE FOR HOURLY RATE 2 IMPLIED DECIMALS EDITED UNIVERSE: PEERNPER = 1 OR PEERNRT = 1 VALID ENTRIES 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)	520 - 523
PTHR	1	HOURLY PAY - TOP CODE VALID ENTRIES 0 NOT TOPCODED 1 TOPCODED	524 - 524
PEERNHRO	2	USUAL HOURS EDITED UNIVERSE: PEERNH1O = ENTRY VALID ENTRIES 0 MIN VALUE 99 MAX VALUE	525 - 526
PRERNWA	8	WEEKLY EARNINGS RECODE 2 IMPLIED DECIMALS EDITED UNIVERSE: PRERELG = 1 VALID ENTRIES 0 MIN VALUE 288461 MAX VALUE	527 - 534
PTWK	1	WEEKLY EARNINGS - TOP CODE 0 NOT TOPCODED 1 TOPCODED	535 - 535
FILLER	4	Filler	536 - 539

NAME	SIZE	DESCRIPTION	LOCATION
PEERN	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS EDITED UNIVERSE: PEERNUOT = 1 AND PEERNPER = 1 <u>VALID ENTRIES</u> 0 MIN VALUE 288461 MAX VALUE	540 - 547
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		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

NAME	SIZE	DESCRIPTION	LOCATION
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) VALID ENTRIES 1 YES 2 NO	561 - 562
PEERNCOV	2	ON THIS JOB ARE YOU COVERED BY A UNION OR EMPLOYEE ASSOCIATION CONTRACT? EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8) VALID ENTRIES 1 YES 2 NO	563 - 564
PENLFJH	2	WHEN DID YOU LAST WORK AT A JOB OR BUSINESS? EDITED UNIVERSE: HRMIS = 4 OR 8 AND PEMLR = 3-7 VALID ENTRIES 1 WITHIN THE LAST 12 MONTHS 2 MORE THAN 12 MONTHS AGO 3 NEVER WORKED	565 - 566
PENLFRET	2	ARE YOU RETIRED FROM A JOB OR BUSINESS? EDITED UNIVERSE: PEAGE = 50+ AND PEMLR = 3-7 VALID ENTRIES 1 YES	567 - 568

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

NAME	SIZE	DESCRIPTION	LOCATION
	2	NO	

NAME	SIZE	DESCRIPTION	LOCATION
PESCHFT	2	ARE YOU ENROLLED IN SCHOOL AS A FULL-TIME OR PART-TIME STUDENT? EDITED UNIVERSE: PESCHLVL = 1, 2 VALID ENTRIES 1 FULL-TIME 2 PART-TIME	577 - 578
PESCHLVL	2	WOULD THAT BE HIGH SCHOOL, COLLEGE, OR UNIVERSITY? EDITED UNIVERSE: PESCHENR = 1 VALID ENTRIES 1 HIGH SCHOOL 2 COLLEGE OR UNIVERSITY	579 - 580
PRNLFSCH	2	NLF ACTIVITY - IN SCHOOL OR NOT IN SCHOOL EDITED UNIVERSE: PENLFACT = -1 OR 1-6 AND PEAGE = 16-24 VALID ENTRIES 1 IN SCHOOL 2 NOT IN SCHOOL	581 - 582
		PERSON'S WEIGHTS	
PWFMWGT	10	FAMILY WEIGHT (4 IMPLIED DECIMALS) ONLY USED FOR TALLYING FAMILY CHARACTERISTICS. EDITED UNIVERSE: PRPERTYP = 1-3	583 - 592

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

NAME	SIZE	DESCRIPTION	LOCATION
PRCHLD	2	Presence of own children <18 years of age by selected age group (STARTING NOVEMBER 1999) EDITED UNIVERSE: PRFAMREL = 1 or 2 <u>VALID ENTRIES</u> -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	633-634
PRNMCHLD	2	Number of own children <18 years of age (STARTING NOVEMBER 1999) EDITED UNIVERSE: PRFAMREL = 1 or 2 <u>VALID ENTRIES</u> -1 NIU (Not a parent) 0:99 Number of own children under 18 years of age	635-636

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2	(STARTING NOVEMBER 1999)	637 - 638
		ALLOCATION FLAGS	
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	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
PXAGE	2	ALLOCATION FLAG	659 - 660

NAME	SIZE	DESCRIPTION	LOCATION
PXMARITL	2	ALLOCATION FLAG	661 - 662
PXSPOUSE	2	ALLOCATION FLAG	663 - 664
PXSEX	2	ALLOCATION FLAG	665 - 666
PXAFWHEN	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
PXHRUSLT	2	ALLOCATION FLAG	703 - 704
PXHRWANT	2	ALLOCATION FLAG	705 - 706

NAME	SIZE	DESCRIPTION	LOCATION
PXHRRSN1	2	ALLOCATION FLAG	707 - 708
PXHRRSN2	2	ALLOCATION FLAG	709 - 710
PXHRACT1	2	ALLOCATION FLAG	711 - 712
PXHRACT2	2	ALLOCATION FLAG	713 - 714
PXHRACTT	2	ALLOCATION FLAG	715 - 716
PXHRRSN3	2	ALLOCATION FLAG	717 - 718
PXHRAVL	2	ALLOCATION FLAG	719 - 720
PXLAYAVL	2	ALLOCATION FLAG	721 - 722
PXLAYLK	2	ALLOCATION FLAG	723 - 724
PXLAYDUR	2	ALLOCATION FLAG	725 - 726
PXLAYFTO	2	ALLOCATION FLAG	727 - 728
PXLKM1	2	ALLOCATION FLAG	729 - 730
PXLKAVL	2	ALLOCATION FLAG	731 - 732
PXLKLL1O	2	ALLOCATION FLAG	733 - 734
PXLKLL2O	2	ALLOCATION FLAG	735 - 736
PXLKLWO	2	ALLOCATION FLAG	737 - 738
PXLKDUR	2	ALLOCATION FLAG	739 - 740
PXLKFTO	2	ALLOCATION FLAG	741 - 742
PXDWWNTO	2	ALLOCATION FLAG	743 - 744
PXDWRSN	2	ALLOCATION FLAG	745 - 746
PXDWLKO	2	ALLOCATION FLAG	747 - 748
PXDWWK	2	ALLOCATION FLAG	749 - 750
PXDW4WK	2	ALLOCATION FLAG	751 - 752

NAME	SIZE	DESCRIPTION	LOCATION
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
PXERNRT	2	ALLOCATION FLAG	793 - 794
PXERNHRY	2	ALLOCATION FLAG	795 - 796
PXERNH2	2	ALLOCATION FLAG	797 - 798
PXERNLAB	2	ALLOCATION FLAG	799 - 800

NAME	SIZE	DESCRIPTION	LOCATION
PXERNCOV	2	ALLOCATION FLAG	801 - 802
PXNLFJH	2	ALLOCATION FLAG	803 - 804
PXNLFRET	2	ALLOCATION FLAG	805 - 806
PXNLFACT	2	ALLOCATION FLAG	807 - 808
PXSCHENR	2	ALLOCATION FLAG	809 - 810
PXSCHFT	2	ALLOCATION FLAG	811 - 812
PXSCHLVL	2	ALLOCATION FLAG	813 - 814
QSTNUM	5	Unique household identifier. Valid only within any specific month.	815 - 819
OCCURNUM	2	Unique person identifier. Valid only within any specific month.	820 - 821
PEDIPGED	2	How did...get...'s high school diploma? EDITED UNIVERSE = PEEDUCA = 39 <u>VALID ENTRIES</u> -1 = Not in universe 1 = Graduation from high school 2 = GED or other equivalent	822 - 823
PEHGCOMP	2	What was the highest grade of regular school...completed before receiving...'s GED? EDITED UNIVERSE = PEDIPGED = 2 <u>VALID ENTRIES</u> -1 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	824 - 825

NAME	SIZE	DESCRIPTION	LOCATION
	8	12th grade (no diploma)	

NAME	SIZE	DESCRIPTION	LOCATION
PECYC	2	How many years of college credit has...completed? EDITED UNIVERSE: PEEDUCA =40-42 VALID ENTRIES -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	826 - 827
PEGRPROF	2	Since completing...bachelor's degree, have you taken any graduate or professional school courses for credit? EDITED UNIVERSE: PEEDUCA = 43 VALID ENTRIES -1 Not in universe 1 Yes 2 No	828 - 829
PEGR6COR	2	Did...complete 6 or more graduate or professional school courses? EDITED UNIVERSE: PEGRPROF = 1 VALID ENTRIES -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 VALID ENTRIES -1 Not in universe 1 1 year program 2 2 year program 3 3 year program	832 - 833

NAME	SIZE	DESCRIPTION	LOCATION
PXDIPGED	2	ALLOCATION FLAG	834 - 835
PXHGCOMP	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
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	860 - 863

NAME	SIZE	DESCRIPTION	LOCATION
		9999 MAX VALUE	
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 15 EDUCATIONAL SERVICES 16 HEALTH CARE AND SOCIAL SERVICES	872 - 873

NAME	SIZE	DESCRIPTION	LOCATION
		17 ARTS, ENTERTAINMENT, AND RECREATION 18 ACCOMMODATION AND FOOD SERVICES 19 PRIVATE HOUSEHOLDS 20 OTHER SERVICES, EXCEPT PRIVATE HOUSEHOLDS 21 PUBLIC ADMINISTRATION 22 ARMED FORCES	
PRIMIND2	2	INTERMEDIATE INDUSTRY RECODE (JOB 2) EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8 <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 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	874 - 875
FILLER	1	Filler	876 - 876

ATTACHMENT 7

SUPPLEMENT RECORD LAYOUT

February, June, and November 2003 Tobacco Use Supplement

NAME	SIZE	DESCRIPTION	LOCATION
Filler	2		877-878
PEA1	2	(Have/Has) (you/ name) smoked at least 100 cigarettes in (your/his/her) entire life? (FR NOTE: 100 CIGARETTES = APPROXIMATELY 5 PACKS) EDITED UNIVERSE: NXTPR3 = 1 OR EPROXY = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	879-880
PEA2	2	How old (were/was) (you/name) when (you/he/she) first started smoking cigarettes FAIRLY REGULARLY? ENTER (X) IF NEVER SMOKED REGULARLY EDITED UNIVERSE: PEA1 = 1. VALID ENTRIES 1 Age -2 Don't know -3 Refused -9 No response	881-882

NAME	SIZE	DESCRIPTION	LOCATION
PEA3	2	(Do/Does) (you/name) now smoke cigarettes every day, some days, or not at all? EDITED UNIVERSE: PEA2 = (01 - AGE), -2, -3, -9 VALID ENTRIES 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response	883-884
PEB1	2	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) EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1-99 -2 Don't know -3 Refused -9 No response	885-886
PEB1a	2	Would you say that, on average, you now smoke more or less than 20 cigarettes each day? EDITED UNIVERSE: PEB1 = -2. VALID ENTRIES 1 MORE 2 LESS 3 ABOUT 20 (ONE PACK) -2 Don't know -3 Refused -9 No response	887-888

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	889-890
PEB3	2	What type of cigarette do you now smoke most often -- a regular, a light, an ultralight, or some other type? IF MILD VOLUNTEERED, CODE AS LIGHT IF FULL FLAVOR VOLUNTEERED, CODE AS REGULAR EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1 Regular/full flavor 2 Light/mild 3 Ultra-light 4 NO USUAL TYPE 5 SOME OTHER TYPE -2 Don't know -3 Refused -9 No response	891-892
PEB41	2	(A) You NOW smoke (lights/ultralights -- fill entry from B3) because you feel that they are less harmful to your health than regular cigarettes EDITED UNIVERSE: PEB3 = 2, 3. VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	893-894

NAME	SIZE	DESCRIPTION	LOCATION
PEB42	2	(B) You NOW smoke (lights/ultralights fill entry from B3) as a way to try to quit smoking. EDITED UNIVERSE: PEB3 = 2, 3. VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	895-896
PEB43	2	(C) You NOW smoke (lights/ultralights -- fill entry from B3) because they have a smoother flavor or lighter taste than regular cigarettes? EDITED UNIVERSE: PEB3 = 2, 3. VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	897-898
PEB4d	2	Which is the more important reason that you smoke (lights/ultralights fill entry from B3) - because you feel they are less harmful to your health, or because you're trying to quit? EDITED UNIVERSE: PEB41 = 1 AND PEB42 = 1 VALID ENTRIES 1 Less harmful 2 Trying to quit 3 BOTH -2 Don't know -3 Refused -9 No response	899-900

NAME	SIZE	DESCRIPTION	LOCATION
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	901-902
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	903-904
PEB5b	2	Would you say you smoke your first cigarette of the day within the first 30 minutes? EDITED UNIVERSE: PEB5a = -2, -3, -5. VALID ENTRIES 1 Yes 2 No 3 Varies -2 Don't know -3 Refused -9 No response	905-906

NAME	SIZE	DESCRIPTION	LOCATION
Please tell me if this statement is true for you			
PEB5c1	2	(A) You have trouble going more than a few hours without smoking. EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	907-908
PEB5c2	2	(B) Even in a bad rainstorm, if you ran out of cigarettes, you would probably go to the store to get some more. EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	909-910
PEB5c3	2	(C) When you go without smoking for a few hours, you experience craving. EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	911-912

NAME	SIZE	DESCRIPTION	LOCATION
PEB5c4	2	(D) If you were in a public place where smoking isn't allowed, you'd probably go outside to smoke a cigarette, even in cold or rainy weather. EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	913-914
PEB6a	2	Do you USUALLY buy your cigarettes by the pack or by the carton? EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1 Pack 2 Carton 3 Buy both packs and cartons 4 Don't buy own cigarettes -2 Don't know -3 Refused -9 No response	915-916
PEB6b	4	What price did you pay for the LAST pack of cigarettes you bought? Please report the cost after using discounts or coupons. EDITED UNIVERSE: PEB6a = 1, 3, -2,-3 VALID ENTRIES This is 4 positions with 2 implied decimal places. $___ ___.___ ___ -2 Don't know -3 Refused -9 No response	917-920

NAME	SIZE	DESCRIPTION	LOCATION
PEB6c	4	What price did you pay for the LAST carton of cigarettes you bought? Please report the cost after using discounts or coupons. EDITED UNIVERSE: PEB6a = 2. VALID ENTRIES This is 5 positions with 2 implied decimal spaces $__ __ __.__ __ -2 Don't know -3 Refused -9 No response	921-925
PEB6D	2	Did you buy your LAST (pack/carton) of cigarettes in (____Insert respondent's state of residence) or in some other state? EDITED UNIVERSE: PEB6a = 1, 2, 3. VALID ENTRIES 1 In respondent's state of residence 2 In some other state (including DC) -5 Enter (X) FOR BOUGHT SOME OTHER WAY) -2 Don't know -3 Refused -9 No response	926-927
PEB6d2	2	In what other state did you buy your LAST (pack/carton) of cigarettes? ENTER STATE ABBREVIATION EDITED UNIVERSE: PEB6d = 2. VALID ENTRIES 2 Position State Abbreviation -2 Don't know -3 Refused -9 No response	928-929

NAME	SIZE	DESCRIPTION	LOCATION
PEB7	2	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 EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1 AGE -2 Don't know -3 Refused -9 No response	930-931
PEB8	2	Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all? EDITED UNIVERSE: PEB7 < (AGE -[FILL ENTRY A2]) (This should be PEA3=1 and self respondent) VALID ENTRIES 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response	932-933
PEB9	2	Have you EVER SWITCHED from a stronger cigarette to a lighter cigarette for at least 6 months? EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	934-935

NAME	SIZE	DESCRIPTION	LOCATION

For each of the following statements, please tell me whether it is a reason that you SWITCHED from a stronger to a lighter cigarette:

PEB10a1	2	(A) You switched because you felt that a lighter cigarette would be less harmful to your health. EDITED UNIVERSE: PEB9 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	936-937
PEB10a2	2	(B) You switched as a way to try to quit smoking. EDITED UNIVERSE: PEB9 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	938-939
PEB10a3	2	(C) You switched to get a smoother or lighter flavor. EDITED UNIVERSE: PEB9 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	940-941

NAME	SIZE	DESCRIPTION	LOCATION
PEB10b	2	Which is the MAIN reason you switched from a stronger to a lighter cigarette as a way to try to quit smoking, or in order to smoke a less harmful cigarette? EDITED UNIVERSE: PEB10a1=1 AND PEB10a2=1. VALID ENTRIES 1 Quit smoking 2 To smoke a less harmful cigarette -2 Don't know -3 Refused -9 No response	942-943

I'm going to read you some statements about how LIGHT cigarettes compare to REGULAR cigarettes. For each one, please tell me whether YOU think it is true, false, or you don't know.

PEB111	2	(A) Light cigarettes give you less tar or nicotine than regular cigarettes. EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1 True 2 False -2 Don't know -3 Refused -9 No response	944-945
PEB112	2	(B) Light cigarettes are safer to smoke. EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1 True 2 False -2 Don't know -3 Refused -9 No response	946-947

NAME	SIZE	DESCRIPTION	LOCATION
PEB113	2	(C) Light cigarettes feel smoother and easier on your chest. EDITED UNIVERSE: Self respondent and PEA3 = 1. VALID ENTRIES 1 True 2 False -2 Don't know -3 Refused -9 No response	948-949
PEC1	2	On how many of the past 30 days did you smoke cigarettes? ENTER (X) FOR NONE EDITED UNIVERSE: Self Respondent AND PEA3 = 2. VALID ENTRIES 0-30 -2 Don't know -3 Refused -5 None -9 No response	950-951
PEC1a	2	On the average, on those [fill entry C1] days, how many cigarettes did you usually smoke each day? EDITED UNIVERSE: PEC1 = 0-30, -2, -3, -9. VALID ENTRIES 1-99 -2 Don't know -3 Refused -9 No response	952-953

NAME	SIZE	DESCRIPTION	LOCATION
PEC2	2	Is your usual cigarette brand menthol or non-menthol? EDITED UNIVERSE: Self Respondent AND PEA3 = 2. VALID ENTRIES 1 Menthol 2 Non-menthol 3 NO USUAL TYPE -2 Don't know -3 Refused -9 No response	954-955
PEC3	2	What type of cigarette do you now smoke most often -- a regular, a light, an ultralight, or some other type? IF MILD VOLUNTEERED, CODE AS LIGHT IF FULL FLAVOR VOLUNTEERED, CODE AS REGULAR EDITED UNIVERSE: Self Respondent AND PEA3 = 2. VALID ENTRIES 1 Regular/full flavor 2 Light/mild 3 Ultra-light 4 NO USUAL TYPE 5 SOME OTHER TYPE -2 Don't know -3 Refused -9 No response	956-957
PEC41	2	(A) You NOW smoke [fill entry C3] because you feel that they are less harmful to your health than regular cigarettes EDITED UNIVERSE: PEC3 = 2, 3 . VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	958-959

NAME	SIZE	DESCRIPTION	LOCATION
PEC42	2	(B) You NOW smoke [fill entry C3] as a way to try to quit smoking. EDITED UNIVERSE: PEC3 = 2, 3 . VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	960-961
PEC43	2	(C) You NOW smoke [fill entry C3] because they have a smoother flavor or lighter taste than regular cigarettes? EDITED UNIVERSE: PEC3 = 2, 3 . VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	962-963
PEC4d	2	Which is the more important reason that you smoke [fill entry C3] - because you feel they are less harmful to your health, or because you're trying to quit? EDITED UNIVERSE: PEC41=1 AND PEC42=1 . VALID ENTRIES 1 Less harmful 2 Trying to quit 3 BOTH -2 Don't know -3 Refused -9 No response	964-965

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

NAME	SIZE	DESCRIPTION	LOCATION
PEC5aNUM	2	ENTER NUMBER EDITED UNIVERSE: Self Respondent AND PEA3 = 2. VALID ENTRIES 1-90 -2 Don't know -3 Refused -5 Varies -9 No response	966-967
PEC5aUNT	2	ENTER UNIT REPORTED EDITED UNIVERSE: Self Respondent AND PEA3 = 2. VALID ENTRIES 1 minutes 2 hours -2 Don't know -3 Refused -5 Varies -9 No response	968-969
PEC5b	2	On the days that you smoke, would you say you smoke your first cigarette of the day within the first 30 minutes? EDITED UNIVERSE: PEC5a = -2, -3, -5 . VALID ENTRIES 1 Yes 2 No 3 Varies DO NOT READ -2 Don't know -3 Refused -9 No response	970-971

NAME	SIZE	DESCRIPTION	LOCATION
PEC6a	2	Do you USUALLY buy your cigarettes by the pack or by the carton? EDITED UNIVERSE: Self Respondent AND PEA3 = 2. VALID ENTRIES 1 Pack 2 Carton 3 Buy both packs and cartons 4 Don't buy own cigarettes -2 Don't know -3 Refused -9 No response	972-973
PEC6b	4	What price did you pay for the LAST pack of cigarettes you bought? Please report the cost after using discounts or coupons. EDITED UNIVERSE: PEC6a = 1, 3, -2, -3 . VALID ENTRIES 4 position with 2 implied decimal spaces -2 Don't know -3 Refused -9 No response	974-977
PEC6c	5	What price did you pay for the LAST carton of cigarettes you bought? Please report the cost after using discounts or coupons. EDITED UNIVERSE: PEC6a = 2. VALID ENTRIES 5 Positions with 2 implied decimal places -2 Don't know -3 Refused -9 No response	978-982

NAME	SIZE	DESCRIPTION	LOCATION
PEC6d	2	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, ...) EDITED UNIVERSE: PEC6a = 1, 2, 3, -2, -3, -9 . VALID ENTRIES 1 In respondent's state of residence 2 In some other state (including DC) -2 Don't know -3 Refused -5 Some other way -9 No response	983-984
PEC6d	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	985-986
PEC7a	2	Have you EVER smoked cigarettes EVERY DAY for at least 6 months? EDITED UNIVERSE: Self Respondent AND PEA3 = 2. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	987-988

NAME	SIZE	DESCRIPTION	LOCATION

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

PEC7bNUM	2	ENTER NUMBER EDITED UNIVERSE: PEC7a = 1. VALID ENTRIES 1-99 -2 Don't know -3 Refused -9 No response	989-990
PEC7bUNT	2	ENTER UNIT REPORTED EDITED UNIVERSE: PEC7a = 1. VALID ENTRIES 1 Days 2 Weeks 3 Months 4 Years -2 Don't know -3 Refused -9 No response	991-992
PEC7c	2	When you last smoked every day, on average how many cigarettes did you smoke each day? ENTER NUMBER OF CIGARETTES EACH DAY EDITED UNIVERSE: PEC7a = 1. VALID ENTRIES 1-99 Number of cigarettes smoked each day -2 Don't know -3 Refused -9 No response	993-994

NAME	SIZE	DESCRIPTION	LOCATION
PEC7d	2	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 EDITED UNIVERSE: PEC7a = 1. VALID ENTRIES 1 AGE -2 Don't know -3 Refused -4 None or less than one year -9 No response	995-996
PEC8	2	Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all? EDITED UNIVERSE: Self Respondent AND PEA3 = 2. VALID ENTRIES 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response	997-998
PEC9	2	Have you EVER SWITCHED from a stronger cigarette to a lighter cigarette for a period of 6 months or longer? EDITED UNIVERSE: Self Respondent AND PEA3 = 2. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	999-1000

NAME	SIZE	DESCRIPTION	LOCATION

For each of the following statements, please tell me whether it is a reason that you SWITCHED from a stronger to a lighter cigarette:

PEC10a1	2	(A) You switched because you felt that a lighter cigarette would be less harmful to your health. EDITED UNIVERSE: PEC9 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1001-1002
PEC10a2	2	(B) You switched as a way to try to quit smoking. EDITED UNIVERSE: PEC9 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1003-1004
PEC10a3	2	(C) You switched to get a smoother or lighter flavor. EDITED UNIVERSE: PEC9 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1005-1006

NAME	SIZE	DESCRIPTION	LOCATION
PEC10b	2	Which is the MAIN reason you switched from a stronger to a lighter cigarette as a way to try to quit smoking, or in order to smoke a less harmful cigarette? EDITED UNIVERSE: PEC10a1=1 AND PEC10a2 = 1. VALID ENTRIES 1 Quit smoking 2 To smoke a less harmful cigarette -2 Don't know -3 Refused -9 No response	1007-1008

I'm going to read you some statements about how LIGHT cigarettes compare to REGULAR cigarettes. For each one, please tell me whether YOU think it is true, false, or you don't know.

PEC111	2	(A) Light cigarettes give you less tar or nicotine than regular cigarettes. EDITED UNIVERSE: Self Respondent AND PEA3 = 2. VALID ENTRIES 1 True 2 False -2 Don't know -3 Refused -9 No response	1009-1010
PEC112	2	(B) Light cigarettes are safer to smoke. EDITED UNIVERSE: Self Respondent AND PEA3 = 2. VALID ENTRIES 1 True 2 False -2 Don't know -3 Refused -9 No response	1011-1012

NAME	SIZE	DESCRIPTION	LOCATION
PEC113	2	(C) Light cigarettes feel smoother and easier on your chest. EDITED UNIVERSE: Self Respondent AND PEA3 = 2. VALID ENTRIES 1 True 2 False -2 Don't know -3 Refused -9 No response	1013-1014

Quit attempts of 1 day or longer:

PEDa	2	During the PAST 12 MONTHS, have you TRIED to QUIT smoking COMPLETELY? EDITED UNIVERSE: PEC1 < 12 OR PEC1 = -2, -3, -5, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1015-1016
PED1	2	Have you EVER stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING? EDITED UNIVERSE: (Self Response AND PEA3 = 1) AND PEC1 >= 12 . VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1017-1018

NAME	SIZE	DESCRIPTION	LOCATION
PED2	2	During the PAST 12 MONTHS, have you stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING? EDITED UNIVERSE: PED1 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1019-1020
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	1021-1022
PED3b	2	Would you say that it was more or less than 3 times? EDITED UNIVERSE: PED3 = -2, -3. VALID ENTRIES 1 More than 3 times 2 Less than 3 times -2 Don't know -3 Refused -9 No response	1023-1024

NAME	SIZE	DESCRIPTION	LOCATION

The LAST TIME you stopped smoking during the past 12 months because you were TRYING to quit, how long did you stop for?

PED4NUM	2	ENTER NUMBER	1025-1026

EDITED UNIVERSE: PEDa = 1 AND PED3 > 1.

VALID ENTRIES

1-99
-2 Don't know
-3 Refused
-9 No response

PED4UNT	2	ENTER UNIT REPORTED	1027-1028

EDITED UNIVERSE: PED4num =>1.

VALID ENTRIES

1 Days
2 Weeks
3 Months
-2 Don't know
-3 Refused
-9 No response

PED5	2	Was [fill entry D4 NUM AND D4UNT] the LONGEST you went without smoking in the past 12 months?	1029-1030

EDITED UNIVERSE: PEDa = 1 AND PED3 > 1.

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

During the PAST 12 MONTHS, what is the LONGEST length of time you stopped smoking because you were TRYING to quit smoking?

PED6NUM	2	ENTER NUMBER	1031-1032

EDITED UNIVERSE: PED3=1 OR PED5 = 2, -2, -3, -9.

VALID ENTRIES

1-99
-2 Don't know
-3 Refused
-9 No response

PED6UNT	2	ENTER UNIT REPORTED	1033-1034

EDITED UNIVERSE: PED6NUM => 1.

VALID ENTRIES

1 Days
2 Weeks
3 Months
-2 Don't know
-3 Refused
-9 No response

PED6b	2	Was it more or less than one week?	1035-1036

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

NAME	SIZE	DESCRIPTION	LOCATION

Quit attempts of less than a day (if no quit attempts lasting for one DAY or more):

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	1037-1038
PED8	2	DURING THE PAST 12 MONTHS, have you made a serious attempt to stop smoking because you were TRYING to quit? EDITED UNIVERSE: PED2 = 2, -2,-3,-9 OR PED7 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1039-1040

Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months. Did you use ANY of the following PRODUCTS):

PEE1a1	2	A nicotine gum EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1041-1042

NAME	SIZE	DESCRIPTION	LOCATION
PEE1a2	2	A nicotine patch EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1043-1044
PEE1a3	2	A nicotine nasal spray EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1045-1046
PEE1a4	2	A nicotine inhaler EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1047-1048

NAME	SIZE	DESCRIPTION	LOCATION
PEE1a5	2	A nicotine lozenge EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1049-1050
PEE1a6	2	A nicotine tablet EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1051-1052
PEE1a7	2	A prescription pill, such as Zyban, Buproprion, or Wellbutrin? EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1053-1054

NAME	SIZE	DESCRIPTION	LOCATION

Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months: Did you use ANY of the following:

PEE1b1	2	(A) A telephone help line or quit line EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1055-1056
PEE1b2	2	(B) A stop smoking clinic, class, or support group EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1057-1058
PEE1b3	2	(C) One-on-one counseling EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1059-1060

NAME	SIZE	DESCRIPTION	LOCATION
PEE1b4	2	(D) Help or support from friends or family	1061-1062

EDITED UNIVERSE: PED5 = 1 OR
(PED6NUM > 18 AND PED6UNT = 2) OR
(PED6NUM > 12 AND PED6UNT = 3) OR
PED6B = 1, 2, 3, -2, -3, -9.

VALID ENTRIES

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

PEE1b5	2	(E) The Internet or World Wide Web	1063-1064

EDITED UNIVERSE: PED5 = 1 OR
(PED6NUM > 18 AND PED6UNT = 2) OR
(PED6NUM > 12 AND PED6UNT = 3) OR
PED6B = 1, 2, 3, -2, -3, -9.

VALID ENTRIES

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

PEE1b6	2	(F) Books, pamphlets, videos, or other materials	1065-1066

EDITED UNIVERSE: PED5 = 1 OR
(PED6NUM > 18 AND PED6UNT = 2) OR
(PED6NUM > 12 AND PED6UNT = 3) OR
PED6B = 1, 2, 3, -2, -3, -9.

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PEE1b7	2	(G) Acupuncture or hypnosis EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1067-1068
PEE1b7a	2	[IF YES] Which - (1) Acupuncture (2) Hypnosis (3) Both EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1069-1070

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

PEE1c1	2	(A) Try to quit by gradually cutting back on cigarettes. EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1071-1072

NAME	SIZE	DESCRIPTION	LOCATION
PEE1c2	2	(B) Try to quit by switching to chewing tobacco, snuff, cigars, or pipes EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1073-1074
PEE1c3	2	(C) Did you switch to a "lighter" cigarette in order to TRY TO QUIT: EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1075-1076
PEE1c4	2	(D) Did you try to give up cigarettes all at once EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1077-1078

NAME	SIZE	DESCRIPTION	LOCATION
PEE1c4a	2	[IF YES] Would you say you TRIED TO QUIT "cold turkey" or in some other way? (1) Cold turkey (2) Other (specify) EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1079-1080
PEE2	2	The (LAST TIME / time) you tried to QUIT smoking in the past 12 months: Did you use ANY OTHER methods or products? EDITED UNIVERSE: PED5 = 1 OR (PED6NUM > 18 AND PED6UNT = 2) OR (PED6NUM > 12 AND PED6UNT = 3) OR PED6B = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1081-1082
PEF1	2	In the PAST 12 MONTHS, have you seen a doctor, dentist, nurse, or other health professional? EDITED UNIVERSE: Self response and PEA3 = 1, 2. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1083-1084

NAME	SIZE	DESCRIPTION	LOCATION
PEF2	2	During the PAST 12 MONTHS, did any doctor, dentist, nurse, or other health professional ADVISE you to quit smoking? EDITED UNIVERSE: PEF1 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1085-1086

In the PAST 12 MONTHS, when any of these health professionals advised you to quit smoking, did they also:

PEF31	2	(A) Prescribe a nicotine nasal spray, a patch, an inhaler, a lozenge or pills such as Zyban? EDITED UNIVERSE: PEF2 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1087-1088
PEF32	2	(B) Recommend nicotine gum, a patch, or other non-prescription product containing nicotine? EDITED UNIVERSE: PEF2 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1089-1090

NAME	SIZE	DESCRIPTION	LOCATION
PEF33	2	(C) Suggest that you set a specific date to stop smoking? EDITED UNIVERSE: PEF2 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1091-1092
PEF34	2	(D) Suggest that you use a smoking cessation class, program, quit line or counseling? EDITED UNIVERSE: PEF2 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1093-1094
PEF35	2	(E) Provide you with booklets, videos, or other materials to help you quit smoking on your own? EDITED UNIVERSE: PEF2 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1095-1096

NAME	SIZE	DESCRIPTION	LOCATION
PEF4	2	During the PAST 12 MONTHS, did any doctor, dentist, nurse, or other health professional spend ANY time talking to you about how you should try to quit smoking? EDITED UNIVERSE: F31 AND F32 AND F33 AND F34 AND F35 all equal 2, OR all equal DK/REF, OR all equal some combination of DK OR REF OR 2. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1097-1098
PEF5	2	Which heath professional that you saw in the past 12 months spent the MOST time advising you about quitting smoking? A doctor, nurse, dentist, dental hygienist, or other health professional. EDITED UNIVERSE: IF ANY F31 OR F32 OR F33 OR F34 OR F35 equal 1; OR if in universe for F4. VALID ENTRIES 1 Doctor 2 Nurse 3 Dentist 4 Dental hygienist 5 Other health professional -2 Don't know -3 Refused -9 No response	1099-1100
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	1101-1102

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	1103-1104
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	1105-1106
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	1107-1108

NAME	SIZE	DESCRIPTION	LOCATION

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

PEH1NUM	2	ENTER NUMBER	1109-1110

EDITED UNIVERSE: Self respondent and PEA3 = 3

VALID ENTRIES

1-99
-2 Don't know
-3 Refused
-9 No response

PEH1UNT	2	ENTER UNIT REPORTED	1111-1112

EDITED UNIVERSE: PEH1NUM => 1.

VALID ENTRIES

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

PEH2	2	Have you EVER smoked cigarettes EVERY DAY for at least 6 months?	1113-1114

EDITED UNIVERSE: Self respondent and PEA3 = 3

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

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

PEH3NUM	2	ENTER NUMBER EDITED UNIVERSE: PEH2 = 1 VALID ENTRIES 1-99 -2 Don't know -3 Refused -9 No response	1115-1116
PEH3UNT	2	ENTER UNIT REPORTED EDITED UNIVERSE: PEH3NUM => 1. VALID ENTRIES 1 Days 2 Weeks 3 Months 4 Years -2 Don't know -3 Refused -9 No response	1117-1118
PEH4	2	When you last smoked every day, on average how many cigarettes did you smoke each day? ENTER NUMBER OF CIGARETTES A DAY EDITED UNIVERSE: PEH2 = 1 VALID ENTRIES 1-99 -2 Don't know -3 Refused -9 No response	1119-1120

NAME	SIZE	DESCRIPTION	LOCATION
PEH5	2	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 EDITED UNIVERSE: PEH2 = 1 VALID ENTRIES 1 AGE -2 Don't know -3 Refused -5 None -9 No response	1121-1122
PEH6	2	Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all? EDITED UNIVERSE: H1 <= 1 YEAR (12 MONTHS, 52 WEEKS, 365 DAYS) . VALID ENTRIES 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response	1123-1124
PEH6a	2	In the PAST 12 MONTHS, have you seen a doctor, dentist, nurse, or other health professionals? EDITED UNIVERSE: PEH6 = 1, 2, 3, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1125-1126

NAME	SIZE	DESCRIPTION	LOCATION
PEH6b	2	During the PAST 12 MONTHS, did any doctor, dentist, nurse, or other health professional ADVISE you to stop smoking? EDITED UNIVERSE: PEH6a = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1127-1128
PEH7a	2	Think back to the YEAR BEFORE YOU QUIT SMOKING. During that time, was your usual cigarette brand menthol or non-menthol? EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) . VALID ENTRIES 1 Menthol 2 Non-menthol 3 NO USUAL TYPE -2 Don't know -3 Refused -9 No response	1129-1130
PEH7b	2	Again, in the YEAR BEFORE YOU QUIT SMOKING, what type of cigarette did you smoke most often -- a regular, a light, an ultralight, or some other type? IF MILD VOLUNTEERED, CODE AS LIGHT IF FULL-FLAVOR VOLUNTEERED, CODE AS REGULAR EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) . VALID ENTRIES 1 Regular/full flavor 2 Light/mild 3 Ultra-light 4 NO USUAL TYPE 5 SOME OTHER TYPE -2 Don't know -3 Refused -9 No response	1131-1132

NAME	SIZE	DESCRIPTION	LOCATION

In the year before you quit smoking, please tell me if each of the following was true for YOU:

PEH7c1	2	(A) You smoked [fill entry from H7b] because you felt that they were less harmful to your health than regular cigarettes. EDITED UNIVERSE: PEH7b = 2, 3 . VALID ENTRIES 1 True/Yes 2 False/No -2 Don't know -3 Refused -9 No response	1133-1134
PEH7c2	2	(B) You smoked [fill entry from H7b] as a way to try to quit smoking. EDITED UNIVERSE: PEH7b = 2, 3 . VALID ENTRIES 1 True/Yes 2 False/No -2 Don't know -3 Refused -9 No response	1135-1136
PEH7c3	2	(C) You smoked [fill entry from H7b] because they had a smoother flavor or lighter taste than regular cigarettes. EDITED UNIVERSE: PEH7b = 2, 3 . VALID ENTRIES 1 True/Yes 2 False/No -2 Don't know -3 Refused -9 No response	1137-1138

NAME	SIZE	DESCRIPTION	LOCATION
PEH7d	2	Which was the more important reason that you smoked (lights/ultralights fill entry from H7b) in the year before you quit smoking - because you felt they were less harmful to your health, or because you were trying to quit?	1139-1140

EDITED UNIVERSE: PEH7c1= 1 AND PEH7c2 = 1 .

VALID ENTRIES

1 Less harmful
2 Trying to quit
3 BOTH
-2 Don't know
-3 Refused
-9 No response

During the year before you quit smoking, how soon after you woke up did you typically smoke your first cigarette of the day?

PEH8NUM	2	ENTER NUMBER	1141-1142

EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) .

VALID ENTRIES

1-90
-2 Don't know
-3 Refused
-5 Varies
-9 No response

PEH8UNT	2	ENTER UNIT REPORTED	1143-1144

EDITED UNIVERSE: PEH8NUM =>1.

VALID ENTRIES

1 Minutes
2 Hours
-2 Don't know
-3 Refused
-5 Varies
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PEH8b	2	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? EDITED UNIVERSE: PEH8NUM = -2, -3, -5 OR PEH8UNT = -2, -3, -5. VALID ENTRIES 1 Yes 2 No 3 Varies DO NOT READ -2 Don't know -3 Refused -9 No response	1145-1146

During the year before you quit smoking, please tell me if each of the following statements was true for YOU.

PEH91	2	(A) You had trouble going more than a few hours without smoking. EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) . VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	1147-1148
PEH92	2	(B) Even in a bad rainstorm, if you ran out of cigarettes, you would probably go to the store to get some more. EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) . VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	1149-1150

NAME	SIZE	DESCRIPTION	LOCATION
PEH93	2	(C) When you went without smoking for a few hours, you experienced craving? EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) . VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	1151-1152
PEH94	2	(D) If you were in a public place where smoking wasn't allowed, you would probably go outside to smoke a cigarette, even in cold or rainy weather? EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) . VALID ENTRIES 1 True/Yes 2 False/ No -2 Don't know -3 Refused -9 No response	1153-1154

Now I would like to ask about HOW you went about completely quitting smoking.
When you quit smoking completely, did you use ANY of the following PRODUCTS:

PEH10a1	2	A nicotine gum EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) . VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1155-1156

NAME	SIZE	DESCRIPTION	LOCATION
PEH10a2	2	A nicotine patch	1157-1158

EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) .

VALID ENTRIES

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

PEH10a3	2	A nicotine nasal spray	1159-1160

EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) .

VALID ENTRIES

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

PEH10a4	2	A nicotine inhaler	1161-1162

EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) .

VALID ENTRIES

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

PEH10a5	2	A nicotine lozenge	1163-1164

EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) .

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PEH10a6	2	A nicotine tablet	1165-1166

EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) .

VALID ENTRIES

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

PEH10a7	2	A prescription pill, such as Zyban, Buproprion, or Wellbutrin?	1167-1168

EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) .

VALID ENTRIES

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

When you quit smoking completely did you use ANY of the following?

PEH10b1	2	(A) A telephone help line or quit line	1169-1170

EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) .

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PEH10b2	2	(B) A stop smoking clinic, class, or support group EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) . VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1171-1172
PEH10b3	2	(C) One-on-one counseling EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) . VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1173-1174
PEH10b4	2	(D) Help or support from friends or family EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) . VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1175-1176
PEH10b5	2	(E) The Internet or World Wide Web EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) . VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1177-1178

NAME	SIZE	DESCRIPTION	LOCATION
PEH10b6	2	(F) Books, pamphlets, videos, or other materials	1179-1180

EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) .

VALID ENTRIES

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

PEH10b7	2	(G) Acupuncture or hypnosis	1181-1182

EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) .

VALID ENTRIES

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

PEH10b7a	2	Which - (1) Acupuncture (2) Hypnosis (3) Both	1183-1184

EDITED UNIVERSE: PEH10b7 = 1.

VALID ENTRIES

1 Acupuncture
2 Hypnosis
3 Both
-2 Don't know
-3 Refused
-9 No response

When you quit smoking completely did you do ANY of the following?
Please mention ALL methods, whether or not you think they were effective:

NAME	SIZE	DESCRIPTION	LOCATION
PEH10c1	2	(A) Try to quit by gradually cutting back on cigarettes EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS). VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1185-1186
PEH10c2	2	(B) Try to quit by switching to chewing tobacco, snuff, cigars, or pipes EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS) . VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1187-1188
PEH10c3	2	(C) Did you switch to a "lighter" cigarette in order to quit EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS). VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1189-1190

NAME	SIZE	DESCRIPTION	LOCATION
PEH10c4	2	(D) Did you try to give up cigarettes all at once EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS). VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1191-1192
PEH10c4a	2	[IF YES] Would you say you quit "cold turkey" or some other way? (1) Cold turkey (2) Other (specify) EDITED UNIVERSE: PEH10c4 = 1. VALID ENTRIES 1 Cold Turkey 2 Other -2 Don't know -3 Refused -9 No response	1193-1194
PEH11a	2	WHEN YOU QUIT SMOKING COMPLETELY - Did you use ANY OTHER methods or products? EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS). VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1195-1196

NAME	SIZE	DESCRIPTION	LOCATION
PEH12	2	During the time that you did smoke, have you EVER SWITCHED from a stronger cigarette to a lighter cigarette for at least 6 months? EDITED UNIVERSE: H1 =< 5 YEARS (60 MONTHS). VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1197-1198

For each of the following statements, please tell me whether it is a reason that you SWITCHED from a stronger to a lighter cigarette:

PEH131	2	(A) You switched because you felt that a lighter cigarette would be less harmful to your health. EDITED UNIVERSE: PEH12 = 1. VALID ENTRIES 1 True 2 False -2 Don't know -3 Refused -9 No response	1199-1200
PEH132	2	(B) You switched as a way to try to quit smoking EDITED UNIVERSE: PEH12 = 1. VALID ENTRIES 1 True 2 False -2 Don't know -3 Refused -9 No response	1201-1202

NAME	SIZE	DESCRIPTION	LOCATION
PEH133	2	(C) You switched to get a smoother or lighter flavor. EDITED UNIVERSE: PEH12 = 1. VALID ENTRIES 1 True 2 False -2 Don't know -3 Refused -9 No response	1203-1204
PEH13d	2	Which is the MAIN reason you switched from a stronger to a lighter type of cigarette as a way to try to quit smoking, or to smoke a less harmful cigarette? EDITED UNIVERSE: PEH131 =1 AND PEH132 = 1. VALID ENTRIES 1 Quit smoking 2 To smoke a less harmful cigarette -2 Don't know -3 Refused -9 No response	1205-1206
PEJ1a	2	(Have/Has) (you/name) EVER used a pipe, cigar, chewing tobacco or snuff, EVEN ONE TIME? FR NOTE: "USED CHEWING TOBACCO" INCLUDES PRODUCTS SUCH AS REDMAN, LEVI GARRETT, OR BEECHNUT AS WELL AS OTHER PRODUCTS. "USED SNUFF" INCLUDES PRODUCTS SUCH AS SKOAL, SKOAL BANDITS, OR COPENHAGEN AS WELL AS OTHER PRODUCTS. EDITED UNIVERSE: Entered for all supplement eligible persons. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1207-1208

NAME	SIZE	DESCRIPTION	LOCATION
PEJ1bb1	2	(1) Smoked a pipe [J1BB1] ENTER ALL THAT APPLY ENTER (N) FOR NO MORE EDITED UNIVERSE: PEJ1a = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1209-1210
PEJ1BB2	2	(2) Smoked cigars [J1BB2] EDITED UNIVERSE: PEJ1BB1 = 1, 2. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1211-1212
PEJ2BB3	2	(3) Used chewing tobacco [JIBB3] EDITED UNIVERSE: PEJ1BB1 = 1, 2. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1213-1214

NAME	SIZE	DESCRIPTION	LOCATION
PEJ2BB4	2	(4) Used Snuff [J1BB4] EDITED UNIVERSE: PEJ1BB1 = 1, 2. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1215-1216
J2a		(Do/Does) (you/name) NOW smoke/use [fill entry in J1b] every day, some days or not at all? Applies to PEJ2A1 through PEJ2A4	
J2b		On how many of the past 30 days did you smoke/use [fill entry J1b]? [ASK SEPARATELY FOR EACH ENTRY IN J1b WITH J2a = 2] Applies to PEJ2B1 through PEJ2B4	
PEJ2A1	2	Smoke a pipe. EDITED UNIVERSE: PEJ1BB1 = 1, -2, -3 OR J1A = -2, -3, -9. VALID ENTRIES 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response	1217-1218
PEJ2b1 .	2	Smoked pipe EDITED UNIVERSE: Self respondent AND PEJ2a1 = 2 VALID ENTRIES ENTER NUMBER OF DAYS, ENTER (X) FOR NONE 1-30 -1 Not in universe -2 Don't know -3 Refused -9 No response	1219-1220

NAME	SIZE	DESCRIPTION	LOCATION
PEJ2A2	2	Smoke a cigar. EDITED UNIVERSE: PEJ1BB2 = 1, OR J1A = -2, -3, -9. Also include J1b = -2, -3 for 22 cases. These were shown in PEJ1BB1 but were then blanked out in PEJ1BB2, PEJ1BB3, AND PEJ1BB4. VALID ENTRIES 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response	1221-1222
PEJ2b2 .	2	Smoked cigars EDITED UNIVERSE: Self respondent AND PEJ2a2 = 2 VALID ENTRIES 1-30 -1 Not in universe -2 Don't know -3 Refused -9 No response	1223-1224
PEJ2A3	2	Used chewing tobacco. EDITED UNIVERSE: PEJ1BB3 = 1, OR J1A = -2, -3, -9. VALID ENTRIES 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response	1225-1226

NAME	SIZE	DESCRIPTION	LOCATION
PEJ2b3 .	2	Chewing tobacco EDITED UNIVERSE: Self respondent AND PEJ2a3 = 2 VALID ENTRIES 1-30 -1 Not in universe -2 Don't know -3 Refused -9 No response	1227-1228
PEJ2A4	2	Use snuff. EDITED UNIVERSE: PEJ1BB4 = 1, OR J1A = -2, -3, -9. VALID ENTRIES 1 Every day 2 Some days 3 Not at all -2 Don't know -3 Refused -9 No response	1229-1230
PEJ2b4 .	2	Used snuff EDITED UNIVERSE: Self respondent AND PEJ2a4 = 2 VALID ENTRIES 1-30 -1 Not in universe -2 Don't know -3 Refused -9 No response How soon after you wake up do you typically smoke your first cigar?	1231-1232

NAME	SIZE	DESCRIPTION	LOCATION
PEJ3a1	2	ENTER NUMBER EDITED UNIVERSE: Self respondent AND every day smoker of cigars (not a current smoker of cigarettes). VALID ENTRIES 1 - 90 -2 Don't know -3 Refused -9 No response	1233-1234
PEJ3a2	2	ENTER UNIT REPORTED EDITED UNIVERSE: PEJ3A1 =>1. VALID ENTRIES 1 Minutes 2 Hours -2 Don't know -3 Refused -9 No response	1235-1236
PEJ3a_3	2	Would you say you smoke your first cigar of the day within the first 30 minutes of awakening? EDITED UNIVERSE: PEJ3A1 = -2, -3, -5, -9. VALID ENTRIES 1 Yes 2 No 3 Varies DO NOT READ -2 Don't know -3 Refused -9 No response	1237-1238
J3b		How soon after you wake up do you typically FIRST smoke a pipe?	

NAME	SIZE	DESCRIPTION	LOCATION
J3b1	2	ENTER NUMBER EDITED UNIVERSE: Self respondent AND every day pipe smoker (not a current smoker of cigarettes). VALID ENTRIES 1-90 -2 Don't know -3 Refused -9 No response	1239-1240
PEJ3b2	2	ENTER UNIT REPORTED EDITED UNIVERSE: PEJ3b1 =>1. VALID ENTRIES 1 Minutes 2 Hours -2 Don't know -3 Refused -9 No response	1241-1242
PEJ3b3	2	Would you say you smoke your first pipe of the day within the first 30 minutes of awakening? EDITED UNIVERSE: PEJ3b1 = -2, -3, -5, -9. VALID ENTRIES 1 Yes 2 No 3 Varies DO NOT READ -2 Don't know -3 Refused -9 No response	1243-1244
J3c		How soon after you wake up do you typically FIRST use chewing tobacco?	

NAME	SIZE	DESCRIPTION	LOCATION
PEJ3c1	2	ENTER NUMBER EDITED UNIVERSE: Self respondent AND every day user of chewing tobacco (not a current smoker of cigarettes). VALID ENTRIES 1-90 -2 Don't know -3 Refused -9 No response	1245-1246
PEJ3c2	2	ENTER UNIT REPORTED EDITED UNIVERSE: PEJ3c1 =>1. VALID ENTRIES 1 Minutes 2 Hours -2 Don't know -3 Refused -9 No response	1247-1248
PEJ3c3	2	Would you say you first use chewing tobacco within the first 30 minutes of awakening? EDITED UNIVERSE: PEJ3c1 = -2, -3, -5, -9. VALID ENTRIES 1 Yes 2 No 3 Varies DO NOT READ -2 Don't know -3 Refused -9 No response	1249-1250
J3d		How soon after you wake up do you typically FIRST use snuff?	

NAME	SIZE	DESCRIPTION	LOCATION
PEJ3d1	2	ENTER NUMBER EDITED UNIVERSE: Self respondent AND every day user of snuff (not a current smoker of cigarettes). VALID ENTRIES 1-90 -2 Don't know -3 Refused -9 No response	1251-1252
PEJ3d2	2	ENTER UNIT REPORTED EDITED UNIVERSE: PEJ3d1 =>1. VALID ENTRIES 1 Minutes 2 Hours -2 Don't know -3 Refused -9 No response	1253-1254
PEJ3d3	2	Would you say you first use snuff within the first 30 minutes of awakening? EDITED UNIVERSE: PEJ3d1 = -2, -3, -5, -9. VALID ENTRIES 1 Yes 2 No 3 Varies DO NOT READ -2 Don't know -3 Refused -9 No response	1255-1256

NAME	SIZE	DESCRIPTION	LOCATION

Other tobacco quit attempts:

PEJ4	2	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? 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)) . VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1257-1258

The LAST TIME you stopped smoking/using [fill entry Box 39] in the Past 12 Months BECAUSE YOU WERE TRYING TO QUIT, how long did you stop for?

PEJ5NUM	2	ENTER NUMBER EDITED UNIVERSE: PEJ4 = 1. VALID ENTRIES 1 - 99 -2 Don't know -3 Refused -9 No response	1259-1260
PEJ5UNT	2	ENTER UNIT REPORTED EDITED UNIVERSE: PEJ5NUM = >1. VALID ENTRIES 1 Days 2 Weeks 3 Months -2 Don't know -3 Refused -9 No response	1261-1262

NAME	SIZE	DESCRIPTION	LOCATION
PEJ6a	2	Was [fill entry J5] the LONGEST you went without smoking/using [fill entry Box 39] in the past 12 months? EDITED UNIVERSE: PEJ5NUM = >1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1263-1264

During the past 12 MONTHS, what is the LONGEST length of time you stopped smoking/using [fill entry Box 39] because you were TRYING to quit?

PEJ6bNUM	2	ENTER NUMBER EDITED UNIVERSE: PEJ6A = 2. VALID ENTRIES 1-99 -2 Don't know -3 Refused -9 No response	1265-1266
PEJ6bUNT	2	ENTER UNIT REPORTED EDITED UNIVERSE: PEJ6A = 2. VALID ENTRIES 1 Days 2 Weeks 3 Months -2 Don't know -3 Refused -9 No response	1267-1268

NAME	SIZE	DESCRIPTION	LOCATION

Thinking back about the last time you tried to quit [fill entry Box 39] in the past 12 months: Did you use any of the following PRODUCTS:

PEJ7a1	2	A nicotine gum	1269-1270

EDITED UNIVERSE: PEJ4 = 1.

VALID ENTRIES

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

PEJ7a2	2	A nicotine patch	1271-1272

EDITED UNIVERSE: PEJ4 = 1.

VALID ENTRIES

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

PEJ7a3	2	A nicotine nasal spray	1273-1274

EDITED UNIVERSE: PEJ4 = 1.

VALID ENTRIES

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

PEJ7a4	2	A nicotine inhaler	1275-1276

EDITED UNIVERSE: PEJ4 = 1.

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PEJ7a5	2	A nicotine lozenge	1277-1278

EDITED UNIVERSE: PEJ4 = 1.

VALID ENTRIES

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

PEJ7a6	2	A nicotine tablet	1279-1280

EDITED UNIVERSE: PEJ4 = 1.

VALID ENTRIES

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

PEJ7a7	2	A prescription pill, such as Zyban, Buproprion, or Wellbutrin?	1281-1282

EDITED UNIVERSE: PEJ4 = 1.

VALID ENTRIES

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

The LAST TIME you tried to quit [fill entry Box 39], did you use ANY of the following:

PEJ7b1	2	(A) A telephone help line or quit line	1283-1284

EDITED UNIVERSE: PEJ4 = 1.

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PEJ7b2	2	(B) A stop use of tobacco products clinic, class, or support group EDITED UNIVERSE: PEJ4 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1285-1286
PEJ7b3	2	(C) One-on-one counseling EDITED UNIVERSE: PEJ4 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1287-1288
PEJ7b4	2	(D) Help or support from friends or family EDITED UNIVERSE: PEJ4 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1289-1290
PEJ7b5	2	(E) The Internet or World Wide Web EDITED UNIVERSE: PEJ4 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1291-1292

NAME	SIZE	DESCRIPTION	LOCATION
PEJ7b6	2	(F) Books, pamphlets, videos, or other materials EDITED UNIVERSE: PEJ4 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1293-1294
PEJ7b7	2	(G) Advice from a medical doctor, dentist or other health professional EDITED UNIVERSE: PEJ4 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1295-1296
PEJ7b7a	2	Which?- (1) Doctor (2) Dentist (3) Health professional (4) More than one of the previous choices EDITED UNIVERSE: PEJ7b7 = 1. VALID ENTRIES 1 Doctor 2 Dentist 3 Health professional 4 More than one of the previous choices -2 Don't know -3 Refused -9 No response	1297-1298

NAME	SIZE	DESCRIPTION	LOCATION
PEJ7b8	2	(H) Acupuncture or hypnosis EDITED UNIVERSE: PEJ4 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1299-1300
PEJ7b8a	2	Which?- (1) Acupuncture (2) Hypnosis (3) Both EDITED UNIVERSE: PEJ7b8 = 1. VALID ENTRIES 1 Acupuncture 2 Hypnosis 3 Both -2 Don't know -3 Refused -9 No response	1301-1302

The LAST TIME you tried to QUIT (fill entry Box 39) in the past 12 months, did you do ANY of the following :

PEJ7c1	2	(A) Stopping by gradually cutting back on (fill entry Box 39) in order to TRY TO QUIT EDITED UNIVERSE: PEJ4 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1303-1304

NAME	SIZE	DESCRIPTION	LOCATION
PEJ7c2	2	(B) Did you TRY GIVING IT UP ALL AT ONCE? EDITED UNIVERSE: PEJ4 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1305-1306
PEJ7c2a	2	Would you say you TRIED TO QUIT "cold turkey" or TRIED in some other way? (1) Cold turkey (2) Other (specify) EDITED UNIVERSE: PEJ7c2 = 1. VALID ENTRIES 1 Cold turkey 2 Other -2 Don't know -3 Refused -9 No response	1307-1308
PEJ7d1	2	The LAST time you tried to QUIT (fill in entry Box 39) in the past 12 months: Did you use ANY OTHER methods or products? EDITED UNIVERSE: PEJ4 = 1. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1309-1310
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...	

NAME	SIZE	DESCRIPTION	LOCATION
PEJJ11	2	(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	1311-1312
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	1313-1314
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	1315-1316
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	1317-1318

NAME	SIZE	DESCRIPTION	LOCATION
PEJJ15	2	(E) Revel? 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	1319-1320
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	1321-1322
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	1323-1324
PEK11	2	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) 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) .	1325-1326

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 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) -2 Don't know -3 Refused -9 No response	
PEK1b	2	(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? EDITED UNIVERSE: PEK1 = 1. VALID ENTRIES 1 Office building 2 Own home 3 Someone else's home 4 Another indoor place -2 Don't know -3 Refused -9 No response	1327-1328
PEK1c	2	In which State (including DC), do you work on your main job or business? EDITED UNIVERSE: PEK1 = 5 OR PEK1B = 1, 4, -2, -3, -9. VALID ENTRIES Two positions for State Abbreviations -2 Don't know -3 Refused -9 No response	1329-1330

NAME	SIZE	DESCRIPTION	LOCATION
PEK2a	2	Does your place of work have an official policy that restricts smoking in any way? 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. EDITED UNIVERSE: PEK1 = 5 OR PEK1B = 1, 4, -2, -3, -9. VALID ENTRIES 1 Yes 2 No -2 Don't know -3 Refused -9 No response	1331-1332
PEK3	2	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 EDITED UNIVERSE: PEK2A = 1. VALID ENTRIES 1 Not allowed in ANY public areas 2 Allowed in SOME public areas 3 Allowed in ALL public areas -2 Don't know -3 Refused -9 No response	1333-1334

NAME	SIZE	DESCRIPTION	LOCATION
PEK3b	2	Which of these best describes your place of work's smoking policy for WORK AREAS?	1335-1336

READ THE THREE ANSWER CATEGORIES

EDITED UNIVERSE: PEK2a = 1.

VALID ENTRIES

1 Not allowed in ANY work areas
2 Allowed in SOME work areas
3 Allowed in ALL work areas
-2 Don't know
-3 Refused
-9 No response

PEK4	2	Which statement best describes the rules about smoking INSIDE YOUR HOME?	1337-1338

READ ANSWER CATEGORIES

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) .

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PEK5	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: 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) . VALID ENTRIES 1 Always in all areas 2 Allowed in some areas 3 Not allowed at all -2 Don't know -3 Refused -9 No response	1339-1340
PES78	2	Respondent relationship recode-relationship of respondent TO THE sample person	1341-1342
PESINTTP	2	In what language was the interview for this person conducted? 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	1343-1344
PES81A	2	Method of Interview EDITED UNIVERSE: Entered for all supplement eligible persons. VALID ENTRIES 1 Telephone 2 Personal Visit -2 Don't know -3 Refused -9 No response	1345-1346

NAME	SIZE	DESCRIPTION	LOCATION
INTRVIEW	2	Interview status recode VALID VALUES: 1 Interview 2 Non-interview	1347-1348
HRMODE	2	Method of interview VALID VALUES: 1 CAPI 2 CATI 3 Unknown	1349-1350
SMOKSTAT	2	Smoker recode VALID VALUES: -1 Not in universe 1 Never smoker 2 Everyday smoker 3 Some days smoker 4 Former smoker -9 Indeterminate	1351-1352
PRS35	2	Check item recode VALID VALUES: -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	1353-1354
PRS60	2	Check item recode VALID VALUES: -1 Not in universe 1 Item 59 is less than or equal to 1 year or don't know 2 All others	1355-1356

NAME	SIZE	DESCRIPTION	LOCATION
PRS64	2	Check item recode Who is responding for the supplement VALID VALUES: -1 Not in universe 1 Self 2 Proxy	1357-1358
PRS65	2	Check item recode VALID VALUES: -1 Not in universe 1 PEMLR = 1 or 2 2 All other cases	1359-1360
PRS66	2	Check item recode VALID VALUES: -1 Not in universe 1 Entry 1, 2, 3, 4, 5, or 10 in PEIO1COW for this person 2 All other cases	1361-1362
PWNRWGT	10	Nonresponse weight (4 implied decimal places)	1363-1372
PWSRWGT	10	Self response weight (4 implied decimal places)	1373-1382
PRTOBTYP	2	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 J1b. VALID VALUES: -1 Not in universe 1 Pipe 2 Cigars 3 Chewing tobacco 4 Snuff	1383-1384

ATTACHMENT 8

SUPPLEMENT QUESTIONNAIRE

February 2003, June 2003, and November 2003
Tobacco Use Supplement

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.

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]

ENTER LINE NUMBER FOR INTERVIEW: |__|__|

HOUSEHOLD ROSTER

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

NXTPR3 DO NOT ASK, INTERVIEWER CHECK ITEM

(ONLY TAKE A PROXY IF THIS IS THE 4TH CALLBACK, 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
(2) No

|__| IF NO OR DK/REF ➜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

ENTER AGE (01 - AGE)

|__|__| IF AGE >5 ➜ GO TO A3

A2V I have recorded that (you/name) (were/was) [fill entry A2] years old when (you/he/she) started smoking cigarettes fairly regularly. Is that correct?

(1) Yes
(2) No ➜ 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
(2) SOME-DAY SMOKERS ➜ GO TO SECTION C
(3) NOT-AT-ALL SMOKERS ➜GO TO SECTION H
IF PROXY RESPONDENT OR A3 = "DK" OR "REF" ➜ 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 = DK, REF ➜ 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)

|__| ➜GO TO B2

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

(1) Yes
(2) No ➜GO TO B1

|__|

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

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

|__|

B3 What type of cigarette do you now smoke most often -- a regular, a light, an ultralight, or some other type?

IF MILD VOLUNTEERED, CODE AS LIGHT
IF FULL FLAVOR VOLUNTEERED, CODE AS REGULAR

(1) Regular/full flavor
(2) Light/mild
(3) Ultra-light
(4) NO USUAL TYPE
(5) SOME OTHER TYPE

|__|

BOX 3
IF B3 = 5 ➜ GO TO B3SPC
IF B3 = 2 OR 3 ➜GO TO B4
ELSE ➜GO TO B5a

B3SPC SPECIFY "some other type" _____ go to B5a

B4 Please tell me if each of the following is true for YOU:

(1) True/Yes
(2) False/ No

B4@1 |__| (A) You NOW smoke (lights/ultralights -- fill entry from B3) because you feel that they are less harmful to your health than regular cigarettes

B4@2 |__| (B) You NOW smoke (lights/ultralights – fill entry from B3) as a way to try to quit smoking

B4@3 |__| (C) You NOW smoke (lights/ultralights -- fill entry from B3) because they have a smoother flavor or lighter taste than regular cigarettes?

BOX 4
IF B4@(1) AND (2) = TRUE ➜GO TO B4d
ELSE ➜ GO TO B5a

B4d Which is the more important reason that you smoke (lights/ultralights –fill entry from B3) - because you feel they are less harmful to your health, or because you're trying to quit?

(1) Less harmful
(2) Trying to quit
(3) BOTH

☐

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)

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

| BOX 5
|IF B5a = X, DK, REF ➜ GO TO B5b
| ELSE GO TO B5c

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

|__|

B5c Please tell me if EACH of the following statements is true for you —

(1) True/Yes
(2) False/ No

B5c@1 |__| (A) You have trouble going more than a few hours without smoking.

B5c@2 |__| (B) Even in a bad rainstorm, if you ran out of cigarettes, you would probably go to the store to get some more.

B5c@3 |__| (C) When you go without smoking for a few hours, you experience craving.

B5c@4 |__| (D) If you were in a public place where smoking isn't allowed, you'd probably go outside to smoke a cigarette, even in cold or rainy weather.

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

(1) Pack
(2) Carton
(3) Buy both packs and cartons
(4) Don't buy own cigarettes

|__|

BOX 6
IF B6a = PACK (1) OR BOTH PACKS AND CARTONS (3) OR DK/REF (-2 or -3) ➜GO TO B6b
IF B6a = CARTON (2) ➜GO TO B6c
ELSE ➜ GO TO B7

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

$___.___ ___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.

$__ __.__ __ GO TO B6d

B6d Did you buy your LAST (pack/carton) of cigarettes in (____Insert respondent's state of residence) or in some other state?

(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 B6d =1, ENTER AUTOMATICALLY RESPONDENT'S STATE OF RESIDENCE IN B6d2 ➜GO TO B7
ELSE IF B6d = 2 ➜ B6d2
ELSE IF B6d = X ➜ GO TO B6dSPC
ELSE ➜GO TO B7

B6d2 In what other state did you buy your LAST (pack/carton) of cigarettes?
ENTER STATE ABBREVIATION

|__|__| | (H) | Help [GIVES STATE ABBREVIATIONS] ➔ GO TO B7

B6dSPC ENTER BOUGHT SOME OTHER WAY RESPONSE FOR B6d (FOR EXAMPLE - INTERNET, ANOTHER COUNTRY...)

SPECIFY:_____

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
(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
(2) Some days
(3) Not at all
|__|

B9 Have you EVER SWITCHED from a stronger cigarette to a lighter cigarette for at least 6 months?

(1) Yes
(2) No

|__| IF NO OR DK/REF ➔GO TO B11

B10a For each of the following statements, please tell me whether it is a reason that you SWITCHED from a stronger to a lighter cigarette:

(1) Yes
(2) No

B10a@1 |__| (A) You switched because you felt that a lighter cigarette would be less harmful to your health.
B10a@2 |__| (B) You switched as a way to try to quit smoking.
B10a@3 |__| (C) You switched to get a smoother or lighter flavor.

BOX 8
IF B10a@ (1) AND (2) = YES ➜GO TO B10b
ELSE ➜ GO TO B11

B10b Which is the MAIN reason you switched from a stronger to a lighter cigarette – as a way to try to quit smoking, or in order to smoke a less harmful cigarette?

(1) Quit smoking
(2) To smoke a less harmful cigarette

|__|

B11 I'm going to read you some statements about how LIGHT cigarettes compare to REGULAR cigarettes. For each one, please tell me whether YOU think it is true, false, or you don't know.

(1) True
(2) False
(3) Don't know

B11@1 |__| (A) Light cigarettes give you less tar or nicotine than regular cigarettes.
B11@2 |__| (B) Light cigarettes are safer to smoke.
B11@3 |__| (C) Light cigarettes feel smoother and easier on your chest.

EVERY-DAY SMOKERS ➜ GO TO D1 (QUIT ATTEMPT SECTION D)

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 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

C1a On the average, on those [fill entry C1] days, how many cigarettes did you usually smoke each day?

|__|__| IF < = 40 ➜ GO TO C2

C1aV I have recorded that on the average, when you smoked on those [fill entry C1] days, you smoked [fill entry C1a] cigarettes a day. Is that correct?

(1) Yes
(2) No ➜ GO TO C1a

|__|

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

(1) Menthol

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

|__|

C3 What type of cigarette do you now smoke most often -- a regular, a light, an ultralight, or some other type?

IF MILD VOLUNTEERED, CODE AS LIGHT
IF FULL FLAVOR VOLUNTEERED, CODE AS REGULAR

(1) Regular/full flavor
(2) Light/mild
(3) Ultra-light
(4) NO USUAL TYPE
(5) SOME OTHER TYPE

|__|

BOX 11
IF C3 = 2 OR 3 ➜GO TO C4
IF C3 = 5 ➜GO TO C3SPC
ELSE ➜GO TO C5a

C3SPC SPECIFY "some other type" _____ GO TO C5A

C4 Please tell me if each of the following is true for you:

(1) True/Yes
(2) False/ No

C4@1 |__| (A) You NOW smoke [fill entry C3] because you feel that they are less harmful to your health than regular cigarettes

C4@2 |__| (B) You NOW smoke [fill entry C3] as a way to try to quit smoking

C4@3 |__| (C) You NOW smoke [fill entry C3] because they have a smoother flavor or lighter taste than regular cigarettes?

BOX 12
IF C4@ (1) AND (2) TRUE ➜GO TO C4d
ELSE ➜ GO TO C5a

C4d Which is the more important reason that you smoke [fill entry C3] - because you feel they are less harmful to your health, or because you're trying to quit?

(1) Less harmful
(2) Trying to quit
(3) BOTH
|__|

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)

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

| BOX 13
|IF C5a = X, DK, REF ➜ GO TO C5b
| ELSE GO TO C6a

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

|__|

C6a Do you USUALLY buy your cigarettes by the pack or by the carton?

(1) Pack
(2) Carton
(3) Buy both packs and cartons
(4) Don't buy own cigarettes

|__|

BOX 14
IF C6a = PACK (1) or BUY BOTH PACKS AND CARTONS (3) OR DK/REF (-2/-3) ➜GO TO C6b IF C6a = CARTON (2) ➜GO TO C6c ELSE ➜ GO TO C7a

C6b What price did you pay for the LAST pack of cigarettes you bought? Please report the cost after using discounts or coupons.

$___.___ ___ 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.

$__ __.__ __

C6d Did you buy your LAST (pack/carton) of cigarettes in (____ Insert respondent's state of residence) or in some other state?

(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 C6d =1, ENTER AUTOMATICALLY RESPONDENT'S STATE OF RESIDENCE IN C6d2 ELSE IF C6d = 2 ➜ C6d2 ELSE IF C6d = X ➜ GO TO C6dSPC ELSE ➜GO TO C7a

C6d2 In what other state did you buy your LAST (pack/carton) of cigarettes?

ENTER STATE ABBREVIATION

|__|__| | (H) | Help [GIVES STATE ABBREVIATIONS] ➜GO TO C7a

C6dSPC ENTER BOUGHT SOME OTHER WAY RESPONSE FOR C6d (FOR EXAMPLE INTERNET, ANOTHER COUNTRY...)

SPECIFY:_____

Past Smoking Behavior for Some-Day Smokers

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

(1) Yes
(2) No

__| IF NO OR DK/REF ➜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 MINUS [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@NUM AND C7b@UNT] is inconsistent.

(B) Back to correct

|__| ➜GO TO C7bNUM

C7bV I have recorded that it has been [fill entry C7bNUM AND C7bUNT] since you last smoked cigarettes every day. Is that correct?

(1) Yes
(2) No ➜GO TO C7bNUM

|__|

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

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
(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 < = (AGE -[ENTRY A2]) ➜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
(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
(2) Some days
(3) Not at all

|__|

C9 Have you EVER SWITCHED from a stronger cigarette to a lighter cigarette for a period of 6 months or longer?

(1) Yes
(2) No

|__| IF NO OR DK/REF ➜GO TO C11

C10a For each of the following statements, please tell me whether it is a reason that you SWITCHED from a stronger to a lighter cigarette:

(1) Yes
(2) No

C10a@1 |__| (A) You switched because you felt that a lighter cigarette would be less harmful to your health.
C10a@2 |__| (B) You switched as a way to try to quit smoking.
C10a@3 |__| (C) You switched to get a smoother or lighter flavor.

BOX 17
IF C10a@ (1) AND C10a@ (2) = YES ➜GO TO C10b
ELSE ➜GO TO C11

C10b Which is the MAIN reason you switched from a stronger to a lighter cigarette – as a way to try to quit smoking, or in order to smoke a less harmful cigarette?

(1) Quit smoking
(2) To smoke a less harmful cigarette

|__|

C11 I'm going to read you some statements about how LIGHT cigarettes compare to REGULAR cigarettes. For each one, please tell me whether YOU think it is false, or you don't know.
(1)True
(2)False

C11@1 |__| (A) Light cigarettes give you less tar or nicotine than regular cigarettes.
C11@2 |__| (B) Light cigarettes are safer to smoke.
C11@3 |__| (C) Light cigarettes feel smoother and easier on your chest.

BOX 18

IF ENTRY IN C1> = 12 DAYS IN THE PAST 30 DAYS, GO TO D1

ELSE IF C1 < 12 GO TO Da

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

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

(1) Yes ➜GO TO D4
(2) No ➜GO TO F1

|__|

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
(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
(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
(1-69)

|__|__|

BOX 19
IF D3 = DK/REF ➜GO TO D3b
IF D3 = 1 ➜GO TO D6@NUM
IF D3 > 10 ➜GO TO D3v
ELSE ➜GO TO D4

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 D4
(2) No ➜GO TO D3

|__|

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

(1) More than 3 times
(2) Less than3 times

|__|

D4 The LAST TIME you stopped smoking during the past 12 months because you were TRYING to quit, how long did you stop for?

D4@NUM ENTER NUMBER
(1 - 99)

|__|__|

D4@UNT ENTER UNIT REPORTED

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

|__|

IF D4@UNT =2 AND D4@NUM >18 WEEKS ➜GO TO D4V ELSE IF D4@UNT = 3 AND D4@NUM > 12 MONTHS ➜GO TO D4V ELSE GO TO D5

D4v I have recorded that the LAST TIME you stopped smoking in the past 12 months BECAUSE YOU WERE TRYING TO QUIT SMOKING was [fill entry D4@NUM AND D4@UNT]? Is that correct?

(1) Yes
(2) No ➜GO TO D4

|__|

D5 Was [fill entry D4 @NUM AND D4@UNT] the LONGEST you went without smoking in the past 12 months?

(1) Yes ➜GO TO SECTION E
(2) No

|__|

D6 During the PAST 12 MONTHS, what is the LONGEST length of time you stopped smoking because you were TRYING to quit smoking?

D6@NUM ENTER NUMBER (1 - 99)

|__|__|

D6@UNT ENTER UNIT REPORTED

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

|__|

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
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
(2) No ➜GO TO D6

|__|

D6b Was it more or less than one week?

(1) More
(2) Less
(3) One week

|__| ➜GO TO SECTION E

Quit attempts of less than a day (if no quit attempts lasting for one DAYor 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
(2) No ➜GO TO SECTION F

|__|

D8 DURING THE PAST 12 MONTHS, have you made a serious attempt to stop smoking because you were TRYING to quit?

(1) Yes
(2) No ➜GO TO SECTION F

|__|

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

BOX 21

IF D3 = 1, THEN FILL E1a, E1b, E1c AND E2 WITH "TIME"
ELSE FILL E1a, E1b, E1c AND E2 WITH "LAST TIME"

E1a Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months. Did you use ANY of the following PRODUCTS:

	(1)	(1) Yes (2) No
E1a@1	A nicotine gum	|__|
E1a@2	A nicotine patch	|__|
E1a@3	A nicotine nasal spray	|__|
E1a@4	A nicotine inhaler	|__|
E1a@5	A nicotine lozenge	|__|
E1a@6	A nicotine tablet	|__|

E1a@7 (2) A prescription pill, such as Zyban, Bupropion, or Wellbutrin?

|__|

E1b Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months: Did you use ANY of the following:

(1) Yes
(2) No

E1b@1 |__| (A) A telephone help line or quit line
E1b@2 |__| (B) A stop smoking clinic, class, or support group
E1b@3 |__| (C) One-on-one counseling
E1b@4 |__| (D) Help or support from friends or family
E1b@5 |__| (E) The Internet or World Wide Web
E1b@6 |__| (F) Books, pamphlets, videos, or other materials
E1b@7 |__| (G) Acupuncture or hypnosis
E1b@7a |__| [IF YES] Which - (1) Acupuncture (2) Hypnosis (3) Both

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

(1) Yes
(2) No

E1c@1 |__| (A) Try to quit by gradually cutting back on cigarettes
E1c@2 |__| (B) Try to quit by switching to chewing tobacco, snuff, cigars, or pipes
E1c@3 |__| (C) Did you switch to a "lighter" cigarette in order to TRY TO QUIT:
E1c@4 |__| (D) Did you try to give up cigarettes all at once

E1c@4a [IF YES] Would you say you TRIED TO QUIT "cold turkey" or in some other way? (1) Cold turkey (2) Other (specify) |__|

E1c@4b Specify: _____

BOX 22
EVERYONE ➜GO TO SECTION E2

E2 The (LAST TIME / time) you tried to QUIT smoking in the past 12 months: Did you use ANY OTHER methods or products?

(1) Yes
(2) No ➜GO TO F1

|__|

E2bSPC What were these OTHER methods strategies, products or treatments that you used?

Specify: _____

SECTION F. DOCTOR/DENTIST ADVICE TO STOP SMOKING – CURRENT AND SOME-DAY SMOKERS

F1 In the PAST 12 MONTHS, have you seen a doctor, dentist, nurse, or other health professional?

(1) Yes
(2) No ➜GO TO SECTION G

|__|

F2 During the PAST 12 MONTHS, did any doctor, dentist, nurse, or other health professional ADVISE you to quit smoking?

(1) Yes
(2) No ➜GO TO SECTION G

|__|

F3 In the PAST 12 MONTHS, when any of these health professionals advised you to quit smoking, did they also:

(1) Yes
(2) No

F3@1 |__| (A) Prescribe a nicotine nasal spray, a patch, an inhaler, a lozenge or pills such as Zyban?
F3@2 |__| (B) Recommend nicotine gum, a patch, or other non-prescription product containing nicotine?
F3@3 |__| (C) Suggest that you set a specific date to stop smoking?
F3@4 |__| (D) Suggest that you use a smoking cessation class, program, quit line or counseling?
F3@5 |__| (E) Provide you with booklets, videos, or other materials to help you quit smoking on your own?

BOX 23
IF F3@ (1) through F3 @ (5) = 2 ➜ GO TO F4
IF ANY F3@ (1) through F3@ (5)= 1 ➜ GO TO SECTION F5

F4 During the PAST 12 MONTHS, did any doctor, dentist, nurse, or other health professional spend ANY time talking to you about how you should try to quit smoking?

(1) Yes
(2) No

|__|

F5. Which heath professional that you saw in the past 12 months spent the MOST time advising you about quitting smoking?

(1) Doctor
(2) Nurse
(3) Dentist
(4) Dental hygienist
(5) Other health professional.

|__| IF F5 = 5 ➜ GO TO F5SPC

F5SPC SPECIFY OTHER HEALTH PROFESSIONAL _____

SECTION G. STAGES OF CHANGE – EVERY DAY/SOME-DAY SMOKERS

G1 Are you seriously considering quitting smoking within the next 6 months?

(1) Yes
(2) No ➜GO TO G3

|__|

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

(1) Yes
(2) No

|__|

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 1 ➜ GO TO SECTION J

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

|__|

EVERY DAY/SOME DAY SMOKERS ➜ 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@NUM / H1@UNT](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/H1@UNT] since you completely quit smoking cigarettes? Is that correct?

(1) Yes
(2) No ➜GO TO H1@NUM

|__|

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

(1) Yes
(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@NUM/H3@UNT] (in item H2) is inconsistent.

(B) Back to correct

|__| ➜GO TO H3@NUM

H3V I have recorded that it has been [fill entry H3NUM/H3@UNT] since you last smoked cigarettes every day. Is that correct?

(1) Yes
(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 < = 4 0 ➜GO TO H5

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

(1) Yes
(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 ≤ (Age - [Entry in A2]) GO TO BOX 26
If entry in H5 is REF, DK or X, GO TO BOX 26
ELSE go to H5v.

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
(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) ➜GO TO SECTION J
ELSE ➜GO TO H7a

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

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

|__|

H6a In the PAST 12 MONTHS, have you seen a doctor, dentist, nurse, or other health professionals?

(1) Yes
(2) No - go to H7a

H6b During the PAST 12 MONTHS, did any doctor, dentist, nurse, or other health professional ADVISE you to stop smoking?

(1) Yes
(2) No

H7a Think 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

|__|

H7b Again, in the YEAR BEFORE YOU QUIT SMOKING, what type of cigarette did you smoke most often -- a regular, a light, an ultra-light, or some other type?

IF MILD VOLUNTEERED, CODE AS LIGHT
IF FULL-FLAVOR VOLUNTEERED, CODE AS REGULAR

(1) Regular/full flavor
(2) Light/mild
(3) Ultra-light
(4) NO USUAL TYPE
(5) SOME OTHER TYPE

|__|

BOX 27
IF H7b = 2 OR 3 ➜GO TO H7c
IF H7b = 5 ➜GO TO H7bSPC
ELSE ➜GO TO H8

H7bSPC Specify "some other type" from H7b _____GO TO H8=

H7c In the year before you quit smoking, please tell me if each of the following was true for YOU:

(1) True/Yes
(2) False/No

H7c@1 |__|(A) You smoked [fill entry from H7b] because you felt that they were less harmful to your health than regular cigarettes.
H7c@2 |__|(B) You smoked [fill entry from H7b] as a way to try to quit smoking.
H7c@3 |__|(C) You smoked [fill entry from H7b] because they had a smoother flavor or lighter taste than regular cigarettes.

BOX 28
IF H7c@ (1) AND (2) = TRUE(1) ➜GO TO H7d
ELSE ➜GO TO H8

H7d Which was the more important reason that you smoked (lights/ultralights –fill entry from H7b) in the year before you quit smoking - because you felt they were less harmful to your health, or because you were trying to quit?

(1) Less harmful
(2) Trying to quit
(3) BOTH

|__|

H8 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, FR ASK FOR BEST ANSWER IN MINUTES OR HOURS)
ENTER (X) IF RESPONDENT INSISTS IT VARIES

H8@NUM ENTER NUMBER
|__|__| (1 - 90)

H8@UNT ENTER UNIT REPORTED
|__| (1) Minutes (2) Hours

BOX 29
IF H8 = X, D, R ➜ GO TO H8b ELSE GO TO H9

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

|__|__

H9 During the year before you quit smoking, please tell me if each of the following statements was true for YOU.

(1) True/Yes
(2) False/ No

H9@1 |__| (A) You had trouble going more than a few hours without smoking.
H9@2 |__| (B) Even in a bad rainstorm, if you ran out of cigarettes, you would probably go to the store to get some more.
H9@3 |__| (C) When you went without smoking for a few hours, you experienced craving?
H9@4 |__| (D) If you were in a public place where smoking wasn't allowed, you would probably go outside to smoke a cigarette, even in cold or rainy weather?

H10a Now I would like to ask about HOW you went about completely quitting smoking.
When you quit smoking completely, did you use ANY of the following PRODUCTS:

		(1) Yes (2) No
(1)		
H10a@1	Nicotine gum	|__|
H10a@2	A nicotine patch	|__|
H10a@3	A nicotine nasal spray	|__|
H10a@4	A nicotine inhaler	|__|
H10a@5	A nicotine lozenge	|__|
H10a@6	A nicotine tablet	|__|

H10a@7 (2) A prescription pill, such as Zyban, Bupropion, or Wellbutrin?

|__|

H10b When you quit smoking completely did you use ANY of the following?

(1) Yes
(2) No

H10b@1 |__| (A) A telephone help line or quit line
H10b@2 |__| (B) A stop smoking clinic, class, or support group
H10b@3 |__| (C) One-on-one counseling
H10b@4 |__| (D) Help or support from friends or family
H10b@5 |__| (E) The Internet or World Wide Web
H10b@6 |__| (F) Books, pamphlets, videos, or other materials
H10b@7 |__| (G) Acupuncture or hypnosis
H10b@7a |__| [IF YES] Which - (1) Acupuncture (2) Hypnosis (3) Both

H10c When you quit smoking completely did you do ANY of the following? Please mention ALL methods, whether or not you think they were effective:
(1) Yes
(2) No

H10c@1|__|(A) Try to quit by gradually cutting back on cigarettes
H10c@2|__|(B) Try to quit by switching to chewing tobacco, snuff, cigars, or pipes
H10c@3|__|(C) Did you switch to a "lighter" cigarette in order to quit
H10c@4|__|(D) Did you try to give up cigarettes all at once
H10c@4a [IF YES] Would you say you quit "cold turkey" or some other way? (1) Cold turkey (2) Other (specify) |__|

H10c@4bSPC Specify: _____
(H10C4B)

H11a WHEN YOU QUIT SMOKING COMPLETELY - Did you use ANY OTHER methods or products?

(1) Yes
(2) No ➜GO TO H12

|__|

H11bSPC What were these OTHER methods, strategies, products or treatments that you used ?

Specify:
_____

H12 During the time that you did smoke, have you EVER SWITCHED from a stronger cigarette to a lighter cigarette for at least 6 months?

(1) Yes
(2) No ➜GO TO SECTION J

|__|

H13 For each of the following statements, please tell me whether it is a reason that you SWITCHED from a stronger to a lighter cigarette:

(1) True
(2) False

H13@1 |__| (A) You switched because you felt that a lighter cigarette would be less harmful to your health.
H13@2 |__| (B) You switched as a way to try to quit smoking.
H13@3 |__| (C) You switched to get a smoother or lighter flavor.

BOX 30
IF H13@1 AND H13@2 = TRUE (1) ➜GO TO H13d
ELSE ➜GO TO SECTION J

H13d Which is the MAIN reason you switched from a stronger to a lighter type of cigarette – as a way to try to quit smoking, or to smoke a less harmful cigarette?

(1) Quit smoking
(2) To smoke a less harmful cigarette

|__|

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 a pipe, cigar, chewing tobacco or snuff, EVEN ONE TIME?

FR NOTE:
"USED CHEWING TOBACCO" INCLUDES PRODUCTS SUCH AS REDMAN, LEVI GARRETT, OR BEECHNUT AS WELL AS OTHER PRODUCTS.
"USED SNUFF" INCLUDES PRODUCTS SUCH AS SKOAL, SKOAL BANDITS, OR COPENHAGEN AS WELL AS OTHER PRODUCTS.

(1) Yes
(2) No

|__|

BOX 31
IF J1a = NO <u>AND</u>:
IF PROXY RESPONDENT ➜GO TO S78
IF SELF RESPONDENT ➜GO TO BOX 34
IF J1a = DK/REF ➜GO TO J2a

J1b Which -a pipe, cigar, chewing tobacco, or snuff?
ENTER ALL THAT APPLY
ENTER (N) FOR NO MORE

(1) Smoked a pipe
(2) Smoked cigars
(3) Used chewing tobacco
(4) Used Snuff

|__|

J2a (Do/Does) (you/name) NOW smoke/use [fill entry in J1b] every day, some days or not at all?

BOX 32
ASK J2a FOR EACH ENTRY IN J1b
IF J1a = DK/REF <u>OR</u> ENTRY IN J1b= DK/REF ➜ ASK J2a FOR ALL FOUR POSSIBLE RESPONSES IN J1b

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

|__|

BOX 33
IF J2a = 1 OR 3:
IF PROXY: IF LAST ENTRY FROM J1b ➜GO TO S78
ELSE REPEAT J2a FOR NEXT ENTRY IN J1b
IF SELF: LAST ENTRY FROM J1b ➜GO TO BOX 34
ELSE REPEAT J2a FOR NEXT ENTRY IN J1b
IF J2a = 2: (Someday Smokers)
IF PROXY: IF LAST ENTRY FROM J1b ➜GO TO S78
ELSE REPEAT J2a FOR NEXT ENTRY IN J1b
IF SELF: ➜GO TO J2b
IF J2a= DK/REF (-2 or -3): GO BACK TO J2a for next item (ie. cigars, etc.)
IF J2a= DK/REF (-2 or -3 AND IF LAST ENTRY FROM J1b ➜GO TO Box 34

J2b On how many of the past 30 days did you smoke/use [fill entry J1b]?
[ASK SEPARATELY FOR EACH ENTRY IN J1b 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 J1b] some days. Is that correct?
[ASK SEPARATELY FOR EACH ENTRY IN J1b 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 ENTRY IN J1b

BOX 34
FOR PROXY RESPONDENT: ➜GO TO S78 FOR SELF RESPONDENT: IF CURRENT SMOKER OF CIGARETTES (A3 = 1 OR 2) ➜GO TO SECTION JJ IF J1a = 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

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, D, R ➜ 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?

J3d@1 ENTER NUMBER
|__|__| (1 - 90)

J3d@2 ENTER UNIT REPORTED
|__| (1) Minutes (2) Hours

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

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 >= 12 days in the past 30 days" [J2a =1 OR (J2a =2 AND J2b > = 12)]THAT PRODUCT IS USED FOR J4-J7 IF > 1 PRODUCT MENTIONED IN J2a, ASK J4-J7 ABOUT ONE TYPE OF OTHER TOBACCO, AS FOLLOWS: 1) If cigars are currently used "every day" or "some days > = 12 days in the past 30 days" [J2a =1 OR (J2a =2 AND J2b > = 12)] J4 -J7 FILL = "smoking cigars" 2) If cigars are NOT currently used "every day" or "some days >= 12 days in the past 30 days (from J2b)" AND snuff is used "every day" or "some days > = 12 days in the past 30 days" [J2a =1 OR (J2a =2 AND J2b > = 12)] J4 – J7 FILL = "using snuff" 3) If cigars and snuff are NOT currently used "every day" or "some days > = 12 days in the past 30 days" (from J2b)" AND chewing tobacco is used "every day" or "some days > = 12 days in the past 30 days [J2a =1 OR (J2a =2 AND J2b > = 12)] J4 – J7 FILL = "using chewing tobacco" 4) If cigars and snuff and chewing tobacco are NOT currently used "every day" or "some days > = 12 days in the past 30 days" [J2a =1 OR (J2a =2 AND J2b > = 12)] AND pipe is used "every day" or "some days > = 12 days in the past 30 days" [J2a =1 OR (J2a =2 AND J2b > = 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
(2) No ➜GO TO SECTION JJ

|__|

J5 The LAST TIME you stopped smoking/using [fill entry Box 39] in the Past 12 Months BECAUSE YOU WERE TRYING TO QUIT, how long did you stop for?

J5@NUM ENTER NUMBER
(1 - 99)

|__|__|

J5@UNT ENTER UNIT REPORTED

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

|__|

| |---|
| IF (J5@UNT = 2 AND J5@NUM >18) OR (J5@NUM >12 AND J5@UNT = 3) ➜GO TO J5V; IF J5@UNT OR J5@NUM = D or R ➜GO TO J7a;
ELSE ➜GO TO J6a |

J5v I have recorded that the LAST TIME you stopped smoking/using [fill entry Box 39 in the past 12 months because you were TRYING to quit was [fill entry J5@NUM/J5@UNT]? Is that correct?

(1) Yes
(2) No ➜GO TO J5@NUM

|__|

J6a Was [fill entry J5] the LONGEST you went without smoking/using [fill entry Box 39] in the past 12 months?

(1) Yes ➜GO TO J7a
(2) No

|__|

J6b During the past 12 MONTHS, what is the LONGEST length of time you stopped smoking/using [fill entry Box 39] because you were TRYING to quit?

J6b@NUM ENTER NUMBER
(1 - 99)

|__|__||

J6b@UNT ENTER UNIT REPORTED

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

|__|

IF (J6@NUM >18 AND J6b@UNT = 2) OR (J6b@NUM >12 AND J6b@UNT = 3) ➜GO TO J6bV; ELSE ➜GO TO J7a

J6bV I have recorded that the LONGEST length of time you stopped smoking/using [fill entry Box 39] in the past 12 months because you were TRYING to quit was [fill entry J6b@NUM/J6b@UNT]? Is that correct?

(1) Yes
(2) No ➜GO TO J6b@NUM

|__|

J7a Thinking back about the last time you tried to quit [fill entry Box 39] in the past 12 months: Did you use any of the following PRODUCTS:

		(1) Yes (2) No
J7a@1	A nicotine gum	|__|
J7a@2	A nicotine patch	|__|
J7a@3	A nicotine nasal spray	|__|
J7a@4	A nicotine inhaler	|__|
J7a@5	A nicotine lozenge	|__|
J7a@6	A nicotine tablet	|__|

J7a@7 A prescription pill, such as Zyban, Bupropion, or Wellbutrin? |__|

J7b The LAST TIME you tried to quit [fill entry Box 39], did you use ANY of the following:

(1) Yes
(2) No

J7b@1 |__| (A) A telephone help line or quit line
J7b@2 |__| (B) A stop smoking clinic, class, or support group
J7b@3 |__| (C) One-on-one counseling
J7b@4 |__| (D) Help or support from friends or family
J7b@5 |__| (E) The Internet or World Wide Web
J7b@6 |__| (F) Books, pamphlets, videos, or other materials
J7b@7 |__| (G) Advice from a medical doctor, dentist or other health professional
J7b@7a|__| [IF YES] Which ?- (1) Doctor (2) Dentist (3) Health professional (4) More than one of the previous choices
J7b@8 |__| (H) Acupuncture or hypnosis
J7b@8a|__| [IF YES] Which ?- (1) Acupuncture (2) Hypnosis (3) Both

J7c The LAST TIME you tried to QUIT (fill entry Box 39) in the past 12 months, did you do ANY of the following :

(1) Yes
(2) No

J7c@1 |__| (A) Stopping by gradually cutting back on (fill entry Box 39) in order to TRY TO QUIT
J7c@2 |__| (B) Did you TRY GIVING IT UP ALL AT ONCE?
J7c@2a|__| [IF YES] Would you say you TRIED TO QUIT "cold turkey" or TRIED in some other way? (1) Cold turkey (2) Other (specify)

J7c@2b Specify: _____

J7d@1 The LAST time you tried to QUIT (fill in entry Box 39) in the past 12 months: Did you use ANY OTHER methods or products?

(1) Yes ➜GO TO J7d@SPC
(2) No ➜GO TO SECTION JJ

|__|

J7d@SPC Specify: _____

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

BOX 40

IF SELF RESPONDENT:

IF (A3 = 1 OR 2) OR (A3 = 3 AND H1 < = 5 YEARS (60 MONTHS)) ➜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	|__|	(A)	Eclipse?
JJ1@2	|__|	(B)	Accord?
JJ1@3	|__|	(C)	Arriva?
JJ1@4	|__|	(D)	Exalt?
JJ1@5	|__|	(E)	Revel?
JJ1@6	|__|	(F)	Omni?
JJ1@7	|__|	(G)	Advance?

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?
WORK PLACE QUESTIONS PERTAIN TO THE SAMPLE PERSON'S MAIN JOB
(READ 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 = 5 ➜GO TO K1SPC
ELSE ➜GO TO K4

K1SPC Specify:
_____ ➜GO TO K1c

K1b (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?

(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?

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.

(1) Yes
(2) No ➜GO TO K4

|__|

K3 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

|__|

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

|__|

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

|__|

K5 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?

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

|__| 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) 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
Professional, Scientific, Management, Administrative, and Waste management services		
	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	
	Management of companies and enterprises	
7570	Management of companies and enterprises	551
	Administrative and support and waste management services	
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	
	CPS SPECIAL CODES	
* 9970	Problem referral	
* 9990	Uncodable (Includes Refused or reported Classified)	

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
	Active Duty Military (for Census and ACS)	
9670	U. S. Army	
9680	U. S. Air Force	
9690	U. S. Navy	
9770	U. S. Marines	
9780	U. S. Coast Guard	
9790	U. S. Armed Forces, Branch Not Specified	
9870	Military Reserves or National Guard	

* **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 prepares	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	

2002 CENSUS CODE	DESCRIPTION	2000 SOC CODE
	CPS SPECIAL CODES	
*9970	Problem referral	
*9990	Not reported (Includes Refused, Classified, blank and all other noncodable entries)	
	Military Specific Occupations (for CPS and ACS)	
9800	Military officer special and tactical operations leaders/managers	55-1010
9810	First-line enlisted military supervisors/managers	55-2010
9820	Military enlisted tactical operations and air/weapons specialists and crew members	55-3010
9830	Military, rank not specified	99-9999

* 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 PRMJOCC1 and PRMJOCC2 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

The specific metropolitan identifiers on this file are based on the Office of Management and Budget's June 30, 1993 definitions. MSA's and PMSA's can be identified by using the FIPS MSA/PMSA code (List 3). Identification of individual central cities is based on acombination of codes (List 2). Individual central cities are identified by the appropriate central city code and the FIPS MSA/PMSA code. Some examples of the proper coding of specific metropolitan areas are given below:

AREA	INDIVIDUAL CENTRAL CITY CODE (GEINDVCC)	FIPS MSA/PMSA CODE (GEMSA)	FIPS CMSA CODE (GECMSA)
	List 4	List 2 or 3	List 1 or 2
Dallas-Fort Worth, TX CMSA	N/C	1920 and 2800	31
Fort Worth-Arlington, TX PMSA	N/C	2800	N/C
Fort Worth, TX Central City	1	2800	N/C
Phoenix, AZ MSA	N/C	6200	N/C
Mesa, AZ Central City	2	6200	N/C
Burlington, VT MSA	N/C	1305	N/C

N/C = No Code Required

NOTE:

Many of the smaller metropolitan areas in sample do not contain central city/balance breakdowns and hence, are coded "not identifiable" in the household metropolitan statistical area residence status code (GEMSAST). It is recommended that this code in conjunction with the modified household metropolitan statistical area residence status code (GEMETSTA) be used for tallying metropolitan residence status for national and other grouped data. The GE in each variable name refers to Household Geographic.

LIST 1: CMSA CODE (GECMSA)

FIPS CODE (GECMSA)	CMSA TITLE
07	Boston-Worcester-Lawrence, MA-NH-ME-CT
14	Chicago-Gary-Kenosha, IL-IN-WI (Kenosha, WI and Kankakee, IL PMSA's not in sample)
21	Cincinnati-Hamilton, OH-KY-IN
28	Cleveland-Akron, OH
31	Dallas-Fort Worth, TX
34	Denver-Boulder-Greeley, CO
35	Detroit-Ann Arbor-Flint, MI
42	Houston-Galveston-Brazoria, TX
49	Los Angeles-Riverside-Orange County, CA
56	Miami-Fort Lauderdale, FL
63	Milwaukee-Racine, WI
70	New York-Northern New Jersey-Long Island, NY-NJ-CT-PA
77	Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD
79	Portland-Salem, OR-WA
82	Sacramento-Yolo, CA
84	San Francisco-Oakland-San Jose, CA (Santa Cruz-Watsonville, CA PMSA not in sample)
91	Seattle-Tacoma-Bremerton, WA (Bremerton, WA PMSA not in sample)
97	Washington-Baltimore, DC-MD-VA-WV

See List 2 or 3 for identification information on all PMSA's in sample.

LIST 2: PMSA'S WITHIN CMSA'S

FIPS CMSA CODE (GECMSA)	FIPS PMSA CODE (GEMSA)	TITLE
07		Boston-Worcester-Lawrence, MA-NH-ME-CT CMSA
	1120	Boston, MA-NH*
	1200	Brockton, MA
	2600	Fitchburg-Leominster, MA
	4160	Lawrence, MA-NH*
	4560	Lowell, MA-NH*
	4760	Manchester, NH
	5350	Nashua, NH
	5400	New Bedford, MA
	6450	Portsmouth-Rochester, NH-ME (Maine portion notidentified)
	9240	Worcester, MA-CT (Connecticut portion suppressed)
14		Chicago-Gary-Kenosha, IL-IN-WI CMSA (The Kankakee, IL and Kenosha, WI PMSA's are not in sample)
	1600	Chicago, IL (Dekalb County not in sample)
	2960	Gary-Hammond, IN
21		Cincinnati-Hamilton, OH-KY-IN CMSA
	1640	Cincinnati, OH-KY-IN (Dearborn County, IN not identified; Ohio County, IN not in sample)
	3200	Hamilton-Middletown, OH
28		Cleveland-Akron, OH CMSA
	0080	Akron, OH
79	1680	Cleveland-Lorain-Elyria, OH
31		Dallas-Fort Worth, TX CMSA
	1920	Dallas, TX
	2800	Fort Worth-Arlington, TX
34		Denver-Boulder-Greeley, CO CMSA
	1125	Boulder-Longmont, CO
	2080	Denver, CO
	3060	Greeley, CO
35		Detroit-Ann Arbor-Flint, MI CMSA
	0440	Ann Arbor, MI
	2160	Detroit, MI
	2640	Flint, MI

FIPS CMSA CODE (GECMSA)	FIPS PMSA CODE (GEMSA)	TITLE
42		Houston-Galveston-Brazoria, TX CMSA
	1145	Brazoria, TX
	2920	Galveston-Texas City, TX
	3360	Houston, TX (Chambers County not in sample)
49		Los Angeles-Riverside-Orange County, CA CMSA
	4480	Los Angeles-Long Beach, CA
	5945	Orange County, CA
	6780	Riverside-San Bernardino, CA
	8735	Ventura, CA
56		Miami-Fort Lauderdale, FL CMSA
	2680	Fort Lauderdale, FL
	5000	Miami, FL
63		Milwaukee-Racine, WI CMSA
	5080	Milwaukee-Waukesha, WI
	6600	Racine, WI
70		New York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA
	0875	Bergen-Passaic, NJ
	1160	Bridgeport, CT
	1930	Danbury, CT
	2281	Dutchess County, NY
	3640	Jersey City, NJ
	5015	Middlesex-Somerset-Hunterdon, NJ
	5190	Monmouth-Ocean, NJ
	5380	Nassau-Suffolk, NY
	5480	New Haven-Meriden, CT
	5600	New York, NY (White Plains Central City recoded as balance of PMSA)
	5640	Newark, NJ
	5660	Newburgh, NY-PA (Pennsylvania portion not identified)
	8040	Stamford-Norwalk, CT
	8480	Trenton, NJ
	8880	Waterbury, CT
77		Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD CMSA
	0560	Atlantic-Cape May, NJ
	6160	Philadelphia, PA-NJ
	8760	Vineland-Millville-Bridgeton, NJ
	9160	Wilmington-Newark, DE-MD (Maryland portion suppressed)

FIPS CMSA CODE (GECMSA)	FIPS PMSA CODE (GEMSA)	TITLE
79		Portland-Salem, OR-WA CMSA
	6440	Portland-Vancouver, OR-WA
	7080	Salem, OR
82		Sacramento-Yolo, CA CMSA
	6920	Sacramento, CA
	9270	Yolo, CA
84		San Francisco-Oakland-San Jose, CA CMSA (Santa Cruz-Watsonville, CA PMSA not in sample)
	5775	Oakland, CA
	7360	San Francisco, CA
	7400	San Jose, CA
	7500	Santa Rosa, CA
	8720	Vallejo-Fairfield-Napa, CA
91		Seattle-Tacoma-Bremerton, WA CMSA (Bremerton, WA PMSA not in sample)
	5910	Olympia, WA
	7600	Seattle-Bellevue-Everett, WA
	8200	Tacoma, WA
97		Washington-Baltimore, DC-MD-VA-WV CMSA
	0720	Baltimore, MD
	3180	Hagerstown, MD
	8840	Washington, DC-MD-VA-WV (West Virginia portion not identified)

* The New Hampshire portions of these PMSA's are not individually identified; but, they are collectively identified as being in the Boston CMSA.

LIST 3: FIPS MSA/PMSA CODES (GECMSA)

FIPS MSA/PMSA CODE (GEMSA)	MSA/PMSA TITLE
0080	Akron, OH PMSA
0160	Albany-Schenectady-Troy, NY MSA (Schohaire County not in sample)
0200	Albuquerque, NM MSA
0240	Allentown-Bethlehem-Easton, PA MSA
0380	Anchorage, AK MSA
0440	Ann Arbor, MI PMSA
0450	Anniston, AL MSA
0460	Appleton-Oshkosh-Neenah, WI MSA
0480	Asheville, NC MSA (Madison County not in sample)
0520	Atlanta, GA MSA
0560	Atlantic-Cape May, NJ PMSA
0600	Augusta-Aiken, GA-SC MSA
0640	Austin-San Marcos, TX MSA
0680	Bakersfield, CA MSA
0720	Baltimore, MD PMSA
0760	Balton Rouge, LA MSA
0840	Beaumont-Port Arthur, TX MSA
0860	Bellingham, WA MSA
0870	Benton Harbor, MI MSA
0875	Bergen-Passaic, NJ PMSA
0960	Binghamton, NY MSA
1000	Birmingham, AL MSA
1080	Boise City, ID MSA
1120	Boston, MA-NH PMSA (New Hampshire portion not identified)
1125	Boulder-Longmont, CO PMSA
1145	Brazoria, TX PMSA
1160	Bridgeport, CT PMSA
1200	Brockton, MA PMSA
1240	Brownsville-Harlingen-San Benito, TX MSA
1280	Buffalo-Niagara Falls, NY MSA
1305	Burlington, VT MSA
1320	Canton-Massillon, OH MSA
1360	Cedar Rapids, IA MSA
1440	Charleston-North Charleston, SC MSA
1480	Charleston, WV MSA
1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA
1560	Chattanooga, TN-GA MSA
1600	Chicago, IL PMSA (Dekalb County not in sample)
1620	Chico-Paradise, CA MSA
1640	Cincinnati, OH-KY-IN PMSA (Dearborn County, IN not identified; Ohio County, IN not in sample)
1660	Clarksville-Hopkinsville, TN-KY MSA (Kentucky portion not in sample)
1680	Cleveland-Lorain-Elyria, OH PMSA

FIPS MSA/PMSA CODE (GEMSA)	MSA/PMSA TITLE
1720	Colorado Springs, CO MSA
1760	Columbia, SC MSA
1800	Columbus, GA-AL MSA (Alabama portion not in sample)
1840	Columbus, OH MSA
1880	Corpus Christi, TX MSA
1920	Dallas, TX PMSA
1930	Danbury, CT PMSA
1960	Davenport-Moline-Rock Island, IA-IL MSA
2000	Dayton-Springfield, OH MSA
2020	Daytona Beach, FL MSA
2030	Decatur, AL MSA
2040	Decatur, IL MSA
2080	Denver, CO PMSA
2120	Des Moines, IA MSA
2160	Detroit, MI PMSA
2190	Dover, DE MSA
2240	Duluth-Superior, MN-WI MSA (Wisconsin portion not identified)
2281	Dutchess County, NY PMSA
2290	Eau Claire, WI MSA
2320	El Paso, TX MSA
2360	Erie, PA MSA
2400	Eugene-Springfield, OR MSA
2440	Evansville-Henderson, IN-KY MSA (Kentucky portion not identified)
2520	Fargo-Moorhead, ND-MN MSA (Minnesota portion not identified)
2560	Fayetteville, NC MSA
2580	Fayetteville-Springdale-Rogers, AR MSA
2600	Fitchburg-Leominster, MA PMSA
2640	Flint, MI PMSA
2650	Florence, AL MSA
2670	Fort Collins-Loveland, CO MSA
2680	Fort Lauderdale, FL PMSA
2700	Fort Myers-Cape Coral, FL MSA
2710	Fort Pierce-Port St. Lucie, FL MSA
2720	Fort Smith, AR-OK MSA (Oklahoma portion not in sample)
2750	Fort Walton Beach, FL MSA
2760	Fort Wayne, IN MSA (Adams, Huntington, and Wells Counties not in sample)
2800	Fort Worth-Arlington, TX PMSA
2840	Fresno, CA MSA
2900	Gainesville, FL MSA
2920	Galveston-Texas City, TX PMSA
2960	Gary, IN PMSA
3000	Grand Rapids-Muskegon-Holland, MI MSA
3060	Greeley, CO PMSA
3080	Green Bay, WI MSA
3120	Greenboro-Winston Salem-High Point, NC MSA
3150	Greenville, NC MSA

FIPS MSA/PMSA CODE (GEMSA)	MSA/PMSA TITLE
3160	Greenville-Spartanburg-Anderson, SC MSA
3180	Hagerstown, MD PMSA
3200	Hamilton-Middletown, OH PMSA
3240	Harrisburg-Lebanon-Carlisle, PA MSA
3280	Hartford, CT MSA
3290	Hickory-Morgantown, NC MSA (Caldwell County not in sample)
3320	Honolulu, HI MSA
3350	Houma, LA MSA
3360	Houston, TX PMSA (Chambers County not in sample)
3400	Huntington-Ashland, WV-KY-OH MSA (Kentucky and Ohio portions not identified)
3440	Huntsville, AL MSA (Limestone County not in sample)
3480	Indianapolis, IN MSA (Madison County not in sample)
3520	Jackson, MI MSA
3560	Jackson, MS MSA
3600	Jacksonville, FL MSA
3610	Jamestown, NY MSA
3640	Jersey City, NJ PMSA
3660	Johnson City-Kingsport-Bristol, TN-VA MSA (Virginia portion not identified)
3680	Johnstown, PA MSA
3720	Kalamazoo-Battle Creek, MI MSA (Van Buren County not in sample)
3760	Kansas City, MO-KS MSA
3840	Knoxville, TN MSA
3880	Lafayette, LA MSA (Acadia Parish not in sample)
3960	Lake Charles, LA MSA
3980	Lakeland-Winter Haven, FL MSA
4000	Lancaster, PA MSA
4040	Lansing-East Lansing, MI MSA
4080	Laredo, TX MSA
4100	Las Cruces, NM MSA
4120	Las Vegas, NV-AZ MSA (Nye County, NV and Mohave County, AZ not in sample)
4160	Lawrence, MA-NH PMSA (New Hampshire portion not identified)
4280	Lexington, KY MSA (Madison County not in sample)
4360	Lincoln, NE MSA
4400	Little Rock-North Little Rock, AR MSA
4480	Los Angeles-Long Beach, CA PMSA
4520	Louisville, KY-IN MSA (Scott County, IN not in sample)
4560	Lowell, MA-NH PMSA (New Hampshire portion not identified)
4600	Lubbock, TX MSA
4680	Macon, GA MSA (Twiggs County not in sample)
4720	Madison, WI MSA
FIPS	
4760	Manchester, NH PMSA
4880	McAllen-Edinburg-Mission, TX MSA
4890	Medford-Ashland, OR MSA

FIPS MSA/PMSA CODE (GEMSA)	MSA/PMSA TITLE
4900	Melbourne-Titusville-Palm Bay, FL MSA
4920	Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)
4940	Merced, CA MSA
5000	Miami, FL PMSA
5015	Middlesex-Somerset-Hunterdon, NJ PMSA
5080	Milwaukee-Waukesha, WI PMSA
5120	Minneapolis-St., Paul, MN-WI MSA (St. Croix County, WI not identified; Pierce County, WI not in sample)
5160	Mobile, AL MSA
5170	Modesto, CA MSA
5190	Monmouth-Ocean, NJ PMSA
5200	Monroe, LA MSA
5240	Montgomery, AL MSA
5330	Myrtle Beach, SC MSA
5345	Naples, FL MSA
5350	Nashua, NH PMSA
5360	Nashville, TN MSA
5380	Nassau-Suffolk, NY PMSA
5400	New Bedford, MA PMSA
5480	New Haven-Meriden, CT PMSA
5520	New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)
5560	New Orleans, LA MSA
5600	New York, NY PMSA (White Plains Central City recoded to balance of PMSA)
5640	Newark, NJ PMSA
5660	Newburgh, NY-PA PMSA (Pennsylvania portion not identified)
5720	Norfolk-Virginia Beach-Newport News, VA-NC MSA (Mathews County, VA not in sample; North Carolina portion not identified)
5775	Oakland, CA PMSA
5790	Ocala, FL MSA
5800	Odessa-Midland, TX MSA (Ector County not in sample)
5880	Oklahoma City, OK MSA
5910	Olympia, WA PMSA
5920	Omaha, NE-IA MSA (Iowa portion not identified)
5945	Orange County, CA PMSA
5960	Orlando, FL MSA
6015	Panama City, FL MSA
6080	Pensacola, FL MSA
6120	Peoria-Pekin, IL MSA
6160	Philadelphia, PA-NJ PMSA
6200	Phoenix-Mesa, AZ MSA
6280	Pittsburgh, PA MSA
6400	Portland, ME MSA
6440	Portland-Vancouver, OR-WA PMSA
6450	Portsmouth-Rochester, NH-ME PMSA (Maine portion not identified)
6480	Providence-Fall River-Warwick, RI-MA MSA (Newport County, RI portion suppressed)

FIPS MSA/PMSA CODE (GEMSA)	MSA/PMSA TITLE
6520	Provo-Orem, UT MSA
6560	Pueblo, CO MSA
6580	Punta Gorda, FL MSA
6600	Racine, WI PMSA
6640	Raleigh-Durham-Chapel Hill, NC MSA
6680	Reading, PA MSA
6720	Reno, NV MSA
6760	Richmond-Petersburg, VA MSA
6780	Riverside-San Bernardino, CA PMSA
6800	Roanoke, VA MSA
6840	Rochester, NY MSA
6880	Rockford, IL MSA
6920	Sacramento, CA PMSA
6960	Saginaw-Bay City-Midland, MI MSA
7040	St. Louis, MO-IL MSA (Crawford County, MO [part] not in sample)
7080	Salem, OR PMSA
7120	Salinas, CA MSA
7160	Salt Lake City-Ogden, UT MSA
7240	San Antonio, TX MSA
7320	San Diego, CA MSA
7360	San Francisco, CA PMSA
7400	San Jose, CA PMSA
7460	San Luis Obispo-Atascadero-Paso Robles, CA MSA
7480	Santa Barbara-Santa Maria-Lompoc, CA MSA
7490	Santa Fe, NM MSA
7500	Santa Rosa, CA PMSA
7510	Sarasota-Bradenton, FL MSA
7560	Scranton-Wilkes Barre-Hazelton, PA MSA
7600	Seattle-Bellevue-Everett, WA PMSA
7680	Shreveport-Bossier City, LA MSA
7760	Sioux Falls, SD MSA (Central City portion only identified)
7800	South Bend, IN MSA
7840	Spokane, WA MSA
7880	Springfield, IL MSA
7920	Springfield, MO MSA (Webster County not in sample)
8000	Springfield, MA MSA
8040	Stamford-Norwalk, CT PMSA
8120	Stockton-Lodi, CA MSA
8160	Syracuse, NY MSA (Cayuga County not in sample)
8200	Tacoma, WA PMSA
8240	Tallahassee, FL MSA
8280	Tampa-St. Petersburg-Clearwater, FL MSA
8400	Toledo, OH MSA
8440	Topeka, KS MSA (Central City portion only identified)
8480	Trenton, NJ PMSA
8520	Tucson, AZ MSA

FIPS MSA/PMSA CODE (GEMSA)	MSA/PMSA TITLE
8560	Tulsa, OK MSA
8600	Tuscaloosa, AL MSA
8680	Utica-Rome, NY MSA
8720	Vallejo-Fairfield-Napa, CA PMSA
8735	Ventura, CA PMSA
8760	Vineland-Millville-Bridgeton, NJ PMSA
8780	Visalia-Tulare-Porterville, CA MSA
8800	Waco, TX MSA
8840	Washington, DC-MD-VA-WV PMSA (West Virginia portion not identified)
8880	Waterbury, CT PMSA
8920	Waterloo-Cedar Falls, IA MSA
8960	West Palm Beach-Boca Raton, FL MSA
9000	Wheeling, WV-OH MSA (Ohio portion not identified)
9040	Wichita, KS MSA
9160	Wilmington-Newark, DE-MD PMSA (Maryland portion suppressed)
9200	Wilmington, NC MSA (Brunswick County not in sample)
9240	Worcester, MA-CT PMSA (Connecticut portion suppressed)
9270	Yolo, CA PMSA
9280	York, PA MSA
9320	Youngstown-Warren, OH MSA
9340	Yuba City, CA MSA
9360	Yuma, AZ MSA

LIST 4: CENTRAL CITY CODES (GEINDVCC)

GEMSA		GEINDVCC
0160	Albany-Schenectady-Troy, NY MSA	
	Albany	1
	Others	0
1120	Boston, MA-NH PMSA	
	Boston	1
	Others	0
1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA	
	Charlotte	1
	Others	0
1600	Chicago, IL PMSA	
	Chicago	1
	Others	0
1680	Cleveland-Lorain-Elyria, OH PMSA	
	Cleveland	1
	Others	0
1920	Dallas, TX PMSA	
	Dallas	1
	Others	0
2000	Dayton-Springfield, OH MSA	
	Dayton	1
	Others	0
2160	Detroit, MI PMSA	
	Detroit	1
	Others	0
2800	Fort Worth-Arlington, TX PMSA	
	Fort Worth	1
	Arlington	2
3120	Greensboro-Winston-Salem-High Point, NC MSA	
	Greensboro	1
	Winston-Salem	2
	Others	0
4400	Little Rock-North Little Rock, AR MSA	
	Little Rock	1
	Others	0
4480	Los Angeles-Long Beach, CA PMSA	
	Los Angeles	1

GEMSA		GEINDVCC
	Long Beach	2
	Others	0
5120	Minneapolis-St. Paul, MN MSA	
	Minneapolis	1
	St. Paul	2
5720	Norfolk-Virginia Beach-Newport News, VA-NC MSA	
	Norfolk	1
	Virginia Beach	2
	Newport News	3
	Hampton	4
	Others	0
5775	Oakland, CA PMSA	
	Oakland	1
	Others	0
5880	Oklahoma City, OK MSA	
	Oklahoma City	1
	Others	0
5945	Orange County, CA PMSA	
	Santa Ana	1
	Anaheim	2
	Irvine	3
6200	Phoenix-Mesa, AZ MSA	
	Phoenix	1
	Mesa	2
	Tempe	3
	Scottsdale	4
6480	Providence-Fall River-Warwick, RI-MA MSA	
	Providence	1
	Others	0

GEMSA		GEINDVCC
6640	Raleigh-Durham-Chapel Hill, NC MSA	
	Raleigh	1
	Others	0
6780	Riverside-San Bernardino, CA PMSA	
	Riverside	1
	San Bernardino	2
	Others	0
7320	San Diego, CA MSA	
	San Diego	1
	Others	0
7400	San Jose, CA PMSA	
	San Jose	1
	Sunnyvale	2
	Others	0
7600	Seattle-Bellevue-Everett, WA PMSA	
	Seattle	1
	Others	0
8000	Springfield, MA MSA	
	Springfield	1
	Others	0
8280	Tampa-St. Petersburg-Clearwater, FL MSA	
	Tampa	1
	Others	0
8720	Vallejo-Fairfield-Napa, CA PMSA	
	Vallejo	1
	Others	0

LIST 5: COUNTY CODE LIST (GECO)

FIPS COUNTY CODE	
	ALABAMA
015	CALHOUN
073	JEFFERSON
089	MADISON
125	TUSCALOOSA
	ALASKA
020	ANCHORAGE
	ARIZONA
013	MARICOPA
019	PIMA
021	PINAL
025	YAVAPAI
027	YUMA
	CALIFORNIA
001	ALAMEDA
007	BUTTE
013	CONTRA COSTA
017	EL DORADO
029	KERN
037	LOS ANGELES
041	MARIN
047	MERCED
053	MONTERAY
059	ORANGE
061	PLACER
067	SACRAMENTO
073	SAN DIEGO
075	SAN FRANCISCO
077	SAN JOAQUIN
079	SAN LUIS OBISPO
081	SAN MATEO

FIPS COUNTY CODE	
083	SANTA BARBARA
085	SANTA CLARA
097	SONOMA
099	STANISLAUS
107	TULARE
111	VENTURA
113	YOLO

COLORADO

005	ARAPAHOE
013	BOULDER
031	DENVER
041	EL PASO
059	JEFFERSON
069	LARIMER
101	PUEBLO
123	WELD

DELAWARE

001	KENT
003	NEW CASTLE
005	SUSSEX

DISTRICT OF COLUMBIA

001	DISTRICT OF COLUMBIA

FLORIDA

001	ALACHUA
005	BAY
009	BREVARD
011	BROWARD
015	CHARLOTTE
019	CLAY
021	COLLIER
025	DADE
053	HERNANDO
057	HILLSBOROUGH

FIPS COUNTY CODE	
069	LAKE
071	LEE
081	MANATEE
083	MARION
091	OKALOOSA
095	ORANGE
097	OSCEOLA
099	PALM BEACH
101	PASCO
103	PINELLAS
105	POLK
115	SARASOTA
117	SEMINOLE

GEORGIA

063	CLAYTON
067	COBB
089	DEKALB
121	FULTON
135	GWINNETT

HAWAII

003	HONOLULU

ILLINOIS

099	LASALLE
115	MACON

FIPS COUNTY CODE	
	INDIANA
057	HAMILTON
089	LAKE
091	LAPORTE
127	PORTER
141	ST. JOSEPH
	IOWA
013	BLACK HAWK
113	LINN
163	SCOTT
	KANSAS
177	SHAWNEE
	KENTUCKY
117	KENTON
	LOUISIANA
019	CALCASIEU
033	EAST BATON ROUGE
051	JEFFERSON
073	OUACHITA
	MAINE
011	KENNEBEC

FIPS COUNTY CODE	
	MARYLAND
005	BALTIMORE
013	CARROLL
021	FREDERICK
025	HARFORD
027	HOWARD
031	MONTGOMERY
033	PRINCE GEORGE'S
043	WASHINGTON
	MICHIGAN
021	BERRIEN
049	GENESEE
075	JACKSON
099	MACOMB
115	MONROE
161	WASHTENAW
	MINNESOTA
003	ANOKA
037	DAKOTA
053	HENNEPIN
123	RAMSEY
137	ST. LOUIS
163	WASHINGTON
	MISSOURI
003	CLAY
037	JACKSON
099	JEFFERSON
189	ST. LOUIS
	NEBRASKA
109	LANCASTER
	NEVADA

FIPS COUNTY CODE	
003	CLARK
031	WASHOE

NEW JERSEY

003	BERGEN
005	BURLINGTON
007	CAMDEN
011	CUMBERLAND
013	ESSEX
017	HUDSON
019	HUNTERDON
021	MERCER
023	MIDDLESEX
025	MONMOUTH
027	MORRIS
029	OCEAN
031	PASSAIC
035	SOMERSET
039	UNION

NEW MEXICO

013	DONA ANA

NEW YORK

005	BRONX
013	CHAUTAUQUA
027	DUTCHESS
047	KINGS
055	MONROE
059	NASSAU
061	NEW YORK
071	ORANGE
075	OSWEGO
081	QUEENS
085	RICHMOND
089	ST. LAWRENCE
103	SUFFOLK
111	ULSTER
119	WESTCHESTER

FIPS COUNTY CODE	
	NORTH CAROLINA
051	CUMBERLAND
067	FORSYTHE
119	MECKLENBURG
129	NEW HANOVER
147	PITT
155	ROBESON
183	WAKE
	NORTH DAKOTA
017	CASS
	OHIO
025	CLERMONT
029	COLUMBIANA
035	CUYAHOGA
061	HAMILTON
085	LAKE
093	LORAIN
103	MEDINA
	OKLAHOMA
143	TULSA
	OREGON
029	JACKSON
039	LANE

FIPS COUNTY CODE	
	PENNSYLVANIA
003	ALLEGHENY
007	BEAVER
011	BERKS
017	BUCKS
019	BUTLER
029	CHESTER
045	DELAWARE
049	ERIE
051	FAYETTE
071	LANCASTER
091	MONTGOMERY
101	PHILADELPHIA
125	WASHINGTON
129	WESTMORELAND
133	YORK
	SOUTH CAROLINA
051	HORRY
063	LEXINGTON
079	RICHLAND
091	YORK
	SOUTH DAKOTA
099	MINNEHAHA
	TENNESSEE
125	MONTGOMERY
	TEXAS
039	BRAZORIA
061	CAMERON
141	EL PASO
157	FORT BEND
167	GALVESTON
215	HIDALGO

FIPS COUNTY CODE	
303	LUBBOCK
329	MIDLAND
439	TARRANT
479	WEBB

UTAH

049	UTAH

VIRGINIA

041	CHESTERFIELD
059	FAIRFAX
087	HENRICO
153	PRINCE WILLIAM
510	ALEXANDRIA CITY
650	HAMPTON CITY
700	NEWPORT NEWS CITY
710	NORFOLK CITY
810	VIRGINIA BEACH CITY

WASHINGTON

011	CLARK
053	PIERCE
063	SPOKANE
067	THURSTON
073	WHATCOM

WISCONSIN

009	BROWN
025	DANE
101	RACINE

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

Selected Unweighted Tallies from the
February, June, and November 2003 Tobacco Use Supplement

ITEM	VALUE	TALLIES Feb.	June	Nov.
PEA1	Have you smoked at least 100 cigarettes in your entire life?			
	-9 = No response	0	1	0
	-3 = Refused	66	158	122
	-2 = Don't know	203	310	310
	-1 = Not in universe	13,574	20,077	18,337
	1 = Yes	26,014	33,179	33,553
	2 = No	42,671	56,216	56,817
PEA3	Do you now smoke cigarettes every day, some days, or not at all?			
	-9 = No response	35	60	46
	-3 = Refused	56	112	84
	-2 = Don't know	32	35	46
	-1 = Not in universe	56,514	76,762	75,586
	1 = Every day	10,162	13,129	13,096
	2 = Some days	2,294	2,919	2,829
	3 = Not at all	13,534	16,924	17,452
PEB1a	Would you say that, on average, you now smoke more or less than 20 cigarettes each day?			
	-9 = No response	9	17	24
	-3 = Refused	40	83	60
	-2 = Don't know	14	26	29
	-1 = Not in universe	82,407	109,725	108,937
	1 = More	11	14	27
	2 = Less	30	49	40
	3 = About 20 (one pack)	17	27	22

ITEM	VALUE	TALLIES Feb.	June	Nov.
PEB2	Is your usual cigarette brand menthol or non-menthol?			
	-9 = No response	15	34	37
	-3 = Refused	60	115	107
	-2 = Don't know	24	32	31
	-1 = Not in universe	74,354	99,509	99,168
	1 = Menthol	2,044	2,542	2,485
	2 = Non-menthol	5,828	7,463	7,050
	3 = No usual type	203	246	261
PEC2	Is your usual cigarette brand menthol or non-menthol?			
	-9 = No response	8	9	7
	-3 = Refused	10	12	20
	-2 = Don't know	5	8	11
	-1 = Not in universe	80,641	107,598	106,949
	1 = Menthol	447	601	562
	2 = Non-menthol	1,298	1,568	1,447
	3 = No usual type	119	145	143
PEC7A	Have you ever smoked cigarettes every day for at least 6 months?			
	-9 = No response	21	31	14
	-3 = Refused	14	22	28
	-2 = Don’t Know	7	9	12
	-1 = Not in universe	80,641	107,598	106,949
	1 = Yes	957	1,144	1,084
	2 = No	888	1,137	1,052
PEDA	During the past 12 months, have you tried to quit smoking completely?			
	-9 = No response	15	26	22
	-3 = Refused	12	22	29
	-2 = Don’t know	11	13	8
	-1 = Not in universe	81,700	108,897	108,115
	1 = Yes	347	399	430
	2 = No	443	584	535

ITEM	VALUE	TALLIES Feb.	June	Nov.
PED1	Have you ever stopped smoking for one day or longer because you were trying to quit smoking?			
	-9 = No response	88	168	147
	-3 = Refused	127	226	194
	-2 = Don't know	30	42	49
	-1 = Not in universe	73,295	98,210	98,002
	1 = Yes	6,533	7,973	7,542
	2 = No	2,455	3,322	3,205
PED8	During the past 12 months, have you made a serious attempt to stop smoking because you were trying to quit?			
	-9 = No response	1	2	1
	-3 = Refused	5	3	9
	-2 = Don't know	10	7	10
	-1 = Not in universe	79,092	105,625	105,073
	1 = Yes	354	468	417
	2 = No	3,066	3,836	3,629
PEE1a1	A nicotine gum			
	-9 = No response	44	40	40
	-3 = Refused	5	7	2
	-2 = Don't know	5	0	5
	-1 = Not in universe	78,393	104,973	104,460
	1 = Yes	412	557	482
	2 = No	3,669	4,364	4,150
PEF1	In the past 12 months, have you seen a doctor, dentist, nurse, or other health professional?			
	-9 = No response	113	208	181
	-3 = Refused	157	268	246
	-2 = Don't know	62	59	74
	-1 = Not in universe	72,467	97,166	96,978
	1 = Yes	7,085	8,859	8,451
	2 = No	2,644	3,381	3,209

ITEM	VALUE	TALLIES Feb.	June	Nov.
PEG1	Are you seriously considering quitting smoking within the next 6 months?			
	-9 = No response	118	214	187
	-3 = Refused	154	260	244
	-2 = Don't know	288	356	349
	-1 = Not in universe	72,467	97,166	96,978
	1 = Yes	4,115	4,956	4,787
	2 = No	5,386	6,989	6,594
PEH2				
	-9 = No response	10	15	20
	-3 = Refused	23	41	34
	-2 = Don't know	26	23	40
	-1 = Not in universe	71,139	95,776	94,901
	1 = Yes	9,245	11,521	11,646
	2 = No	2,085	2,565	2,498
PEH6	Around this time 12 months ago, were you smoking cigarettes every day, some days, or not all?			
	-9 = No response	2	2	54
	-3 = Refused	1	4	1
	-2 = Don't know	1	5	2
	-1 = Not in universe	81,253	108,604	107,821
	1 = Every day	700	719	645
	2 = Some days	272	265	273
	3 = Not at all	299	342	343
PEH6A	In the past 12 months, have you seen a doctor, dentist, nurse, or other health professionals?			
	-9 = No response	3	2	54
	-3 = Refused	2	10	3
	-2 = Don't know	3	4	4
	-1 = Not in universe	81,253	108,604	107,821
	1 = Yes	1,049	1,102	1,070
	2 = No	218	219	187

ITEM	VALUE	TALLIES Feb.	June	Nov.
PEH7A	Think back to the year before you quit smoking. During that time, was your usual cigarette brand menthol or non-menthol?			
	-9 = No response	19	27	34
	-3 = Refused	38	81	59
	-2 = Don't know	31	42	56
	-1 = Not in universe	79,283	106,118	105,373
	1 = Menthol	695	840	767
	2 = Non-menthol	2,280	2,630	2,587
	3 = No usual type	182	203	263
PEJ1a	Have you ever used a pipe, cigar, chewing tobacco or snuff, even one time?			
	-9 = No response	241	409	354
	-3 = Refused	255	451	337
	-2 = Don't know	279	451	473
	-1 = Not in universe	13,574	20,077	18,337
	1 = Yes	11,791	14,698	14,466
	2 = No	56,388	73,855	75,172
PEJ2A1	Smoke a pipe			
	-9 = No response	249	411	357
	-3 = Refused	227	419	324
	-2 = Don't know	125	199	197
	-1 = Not in universe	76,983	102,754	102,276
	1 = Every day	100	108	111
	2 = Some days	236	271	254
	3 = Not at all	4,608	5,777	5,620
PEJ2A2	Smoke a cigar			
	-9 = No response	255	412	361
	-3 = Refused	226	418	325
	-2 = Don't know	124	200	198
	-1 = Not in universe	74,526	99,515	98,996
	1 = Every day	167	236	216
	2 = Some days	1,315	1,637	1,675
	3 = Not at all	5,915	7,523	7,368

ITEM	VALUE	TALLIES Feb.	June	Nov.
PEJ2A3	Used chewing tobacco			
	-9 = No response	252	414	359
	-3 = Refused	226	417	324
	-2 = Don't know	121	201	200
	-1 = Not in universe	77,524	103,386	102,796
	1 = Every day	457	582	552
	2 = Some days	372	486	525
	3 = Not at all	3,576	4,455	4,383
PEJ2A4	Used snuff			
	-9 = No response	250	415	360
	-3 = Refused	227	415	327
	-2 = Don't know	122	198	192
	-1 = Not in universe	79,530	105,892	105,249
	1 = Every day	284	382	404
	2 = Some days	193	226	172
	3 = Not at all	1,922	2,413	2,435
PEJ4	During the past 12 months, have you stopped Smoking/using for one day or longer because you were trying to quit?			
	-9 = No response	5	8	7
	-3 = Refused	0	8	1
	-2 = Don't know	1	1	0
	-1 = Not in universe	81,735	108,963	108,187
	1 = Yes	224	265	252
	2 = No	563	696	692
PEJJ11	Eclipse			
	-9 = No response	153	264	236
	-3 = Refused	168	292	252
	-2 = Don't know	48	48	65
	-1 = Not in universe	69,333	93,512	93,374
	1 = Yes	218	286	251
	2 = No	12,608	15,539	14,961

ITEM	VALUE	TALLIES Feb.	June	Nov.
PEK2a	Does your place of work have an official policy that restricts smoking in any way?			
	-9 = No response	8	8	4
	-3 = Refused	17	25	38
	-2 = Don't know	164	198	207
	-1 = Not in universe	59,502	81,208	80,989
	1 = Yes	20,756	25,900	25,428
	2 = No	2,081	2,602	2,473
PEK4	Which statement best describes the rules about smoking inside your home?			
	-9 = No response	290	486	439
	-3 = Refused	297	526	453
	-2 = Don't know	211	295	279
	-1 = Not in universe	28,222	40,066	42,151
	1 = No one is allowed to smoke in some places or at some times inside your home	38,825	50,552	48,963
	2 = Smoking is allowed in some places or at some times inside your home	7,260	8,796	8,203
	3 = Smoking is permitted anywhere	7423	9220	8651
INTRVIEW	Interview status recode			
	1 = Interview	68,954	89,864	90,802
	2 = Noninterview	13,574	20,077	18,337

ATTACHMENT 14

COUNTRIES AND AREAS OF THE WORLD

Current Population Survey

List A -- Alphabetical List of Countries and Areas of the World

If the specific country reported was not on the interviewer's list, or if the respondent did not know the specific country, the following codes for broad areas of the world were available for coding:

Code	Name
148	Europe
245	Asia
252	Middle East
304	North America
318	Central America
353	Caribbean
389	South America
468	North Africa
462	Other Africa
527	Pacific Islands
555	Elsewhere (includes country not known)

The countries (or areas) shown below were coded separately, if reported.

Code	Name	Code	Name
200	Afghanistan	213	Iraq
60	American Samoa	119	Ireland/Eire
375	Argentina	214	Israel
185	Armenia	120	Italy
501	Australia	343	Jamaica
102	Austria	215	Japan
130	Azores	216	Jordan
333	Bahamas	427	Kenya
202	Bangladesh	217	Korea/South Korea
334	Barbados	221	Laos
103	Belgium	183	Latvia
310	Belize	222	Lebanon
300	Bermuda	184	Lithuania
376	Bolivia	224	Malaysia
377	Brazil	315	Mexico
205	Burma	436	Morocco
206	Cambodia	126	Netherlands
301	Canada	514	New Zealand
378	Chile	316	Nicaragua
207	China	440	Nigeria
379	Colombia	142	Northern Ireland
311	Costa Rica	127	Norway
337	Cuba	229	Pakistan
155	Czech Republic	253	Palestine
105	Czechoslovakia	317	Panama
106	Denmark	385	Peru

Code	Name	Code	Name
339	Dominican Republic	231	Philippines
338	Dominica	128	Poland
380	Ecuador	129	Portugal
415	Egypt	72	Puerto Rico
312	El Salvador	132	Romania
139	England	192	Russia
417	Ethiopia	233	Saudi Arabia
507	Figi	140	Scotland
108	Finland	234	Singapore
109	France	156	Slovakia/Slovak Republic
110	Germany	449	South Africa
421	Ghana	134	Spain
138	Great Britain	136	Sweden
116	Greece	137	Switzerland
340	Grenada	237	Syria
66	Guam	238	Taiwan
313	Guatemala	239	Thailand
383	Guyana	351	Trinidad & Tobago
342	Haiti	240	Turkey
126	Holland	57	United States
314	Honduras	78	U.S. Virgin Islands
209	Hong Kong	180	USSR
117	Hungary	195	Ukraine
210	India	387	Uruguay
211	Indonesia	388	Venezuela
212	Iran 242	Vietnam	
		147	Yugoslavia

List B. Numeric List of Countries and Areas of the World

The following list of countries/areas is in numeric order by code.

Code	Name	Code	Name
57	United States	231	Philippines
60	American Samoa	233	Saudi Arabia
66	Guam	234	Singapore
72	Puerto Rico	237	Syria
78	U.S. Virgin Islands	238	Taiwan
102	Austria	239	Thailand
103	Belgium	240	Turkey
105	Czechoslovakia	242	Vietnam
106	Denmark	245	Asia
108	Finland	252	Middle East
109	France	253	Palestine
110	Germany	300	Bermuda
116	Greece	301	Canada
117	Hungary	304	North America
119	Ireland/Eire	310	Belize
120	Italy	311	Costa Rica
126	Holland	312	El Salvador
126	Netherlands	313	Guatemala
127	Norway	314	Honduras
128	Poland	315	Mexico
129	Portugal	316	Nicaragua
130	Azores	317	Panama
132	Romania	318	Central America
134	Spain	333	Bahamas
136	Sweden	334	Barbados
137	Switzerland	337	Cuba
138	Great Britain	338	Dominica
139	England	339	Dominican Republic
140	Scotland	340	Grenada
142	Northern Ireland	342	Haiti
147	Yugoslavia	343	Jamaica
148	Europe	351	Trinidad & Tobago
155	Czech Republic	353	Caribbean
156	Slovakia/Slovak Republic	375	Argentina
180	USSR	376	Bolivia
183	Latvia	377	Brazil
184	Lithuania	378	Chile
185	Armenia	379	Colombia
192	Russia	380	Ecuador
195	Ukraine	383	Guyana
200	Afghanistan	385	Peru
202	Bangladesh	387	Uruguay
205	Burma	388	Venezuela
206	Cambodia	389	South America
207	China	415	Egypt
209	Hong Kong	417	Ethiopia
210	India	421	Ghana
211	Indonesia	427	Kenya
212	Iran	436	Morocco
213	Iraq	440	Nigeria
214	Israel	449	South Africa
215	Japan	462	Other Africa

Code	Name	Code	Name
216	Jordan	468	North Africa
217	Korea/South Korea	501	Australia
221	Laos	507	Figi
222	Lebanon	514	New Zealand
224	Malaysia	527	Pacific Islands
229	Pakistan	555	Elsewhere

ATTACHMENT 15

ALLOCATION FLAGS

Current Population Survey

For every edited item, there is a corresponding allocation flag with the prefix "PX". The last six characters of the names are the same. For example, PXMLR is the allocation flag for PEMLR. All allocation flags have the following list of possible values.

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

ATTACHMENT 16

CURRENT POPULATION SURVEY

Source and Accuracy Statement for the February June, and November 2003 Microdata Files on Tobacco Use

SOURCE OF DATA

The data for these microdata files are from the February 2003, June 2003, and November 2003 Current Population Survey (CPS). The Census Bureau conducts the CPS every month, although these files have only February 2003, June 2003, and November 2003 data. The survey uses two sets of questions, the basic CPS and a set of supplemental questions. The basic CPS, sponsored jointly by the U.S. 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 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.

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. When files from the most recent decennial census become available, the Census Bureau gradually introduces a new sample design for the CPS[1]. This sample was selected from 1990 Decennial Census files and is continually updated to account for new residential construction.

In the first stage of the sampling process, primary sampling units (PSUs)[2] were selected for sample. In the 1990 design, the United States was divided into 2,007 PSUs, and these were grouped into 754 strata. Within each stratum, a single PSU was chosen for the sample, with its probability of selection proportional to its population as of the most recent decennial census. This PSU represents the entire stratum from which it was selected. In the case of strata consisting of only one PSU, the PSU was chosen with certainty.

Approximately 73,000 housing units were selected for sample from the sampling frame in February, June, and November. Based on eligibility criteria, 11 percent of these housing units

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

[2] The PSUs correspond to sub-state areas, counties, or groups of counties that are geographically contiguous.

were sent directly to Computer-Assisted Telephone Interviewing (CATI). The remaining units were assigned to interviewers for Computer-Assisted Personal Interviewing (CAPI).[3] Of all housing units in sample, about 61,000, 60,000, and 60,000 were determined to be eligible for interview in February, June, and November, respectively. Interviewers obtained interviews at about 57,000, 56,000, and 56,000 of these units in February, June, and November, respectively. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason.

The number of households that are eligible for interview in the basic CPS increased from 50,000 to 60,000 in July of 2001. This increase in the number of eligible households was due to the implementation of the State Children's Health Insurance Program (SCHIP) sample expansion. The SCHIP sample expansion increases the monthly CPS sample in states with high sampling errors for low-income uninsured children. With the increase in eligible households, the number of units where interviewers were unable to obtain an interview increased from 3,200 to 4,500.

February 2003, June 2003, and November 2003 Supplements. In addition to the basic CPS questions, interviewers asked supplementary questions on tobacco use in these months. The tobacco use supplement is a large, nationally representative survey, and those attributes enable it to produce national, state, and some substate estimates. The tobacco use supplement collected information from about 250,000 respondents in the 2003 survey period. Approximately 75 percent of supplement respondents are interviewed by telephone and 25 percent by personal interview. 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 total United States and each state (including the District of Columbia). These population estimates, used as controls for the CPS, are prepared annually 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, all other race groups combined), and
- Age, sex, and Hispanic origin.

The projections 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

[3] For further information on the CATI and CAPI and the eligibility criteria, please see reference [2].

of population change (births, deaths, and net international migration) with net internal migration as an additional component in the state population estimates.

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

- 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, and
- 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.

Supplement Estimation Procedure. In addition to the CPS estimation procedure, the tobacco use supplement 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 which 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. Sources of nonsampling errors include the following:

- Inability to get information about all sample cases (nonresponse)
- Definitional difficulties
- Differences in the interpretation of questions
- Respondent inability or unwillingness to provide correct information
- Respondent inability to recall information
- Errors made in data collection such as recording and coding data
- Errors made in processing the data
- Errors made in estimating values for missing data
- Failure to represent all units with the sample (undercoverage).

To minimize these errors, the Census Bureau employs quality control procedures in sample selection, wording of questions, interviewing, coding, data processing, and data analysis.

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 February, June, and November 2003 supplements.

Table 1: CPS Nonresponse Rates for February, June, and November 2003

	Basic CPS (Household Nonresponse Rate)	Supplement (Person Nonresponse Rates)	
Month		Total (Self and Proxy)	Self Response Only
February 2003	7.6%	16.4%	34.2%
June 2003	7.1%	18.3%	36.4%
November 2003	7.3%	16.8%	38.6%

The basic CPS nonresponse rates are for households; nonresponse rates for the supplement are for people. In order for an individual to be eligible for the supplement, the individual's basic CPS questionnaire must have been completed. The "Total" columns allow proxy interviews. The "Self Only" columns count 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. CPS undercoverage results from missed housing units and missed persons within sample households. Overall CPS undercoverage for February, June, and November 2003 is estimated to be about 11 percent. CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for Blacks than for non-Blacks. This is a general problem for most household-based surveys.

The CPS weighting procedure partially corrects for bias due to 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 ancestry, 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 November 2003 CPS coverage ratios for certain age-sex-race groups. The CPS coverage ratios can exhibit some variability from month to month.

Table 2. CPS Coverage Ratios : November 2003

Age Group	All People	Totals		White Only		Black Only		Residual Race		Hispanic	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-15	0.91	0.90	0.92	0.93	0.95	0.79	0.81	0.90	0.92	0.92	0.99
16-19	0.84	0.84	0.85	0.86	0.87	0.77	0.78	0.77	0.73	0.91	0.88
20-24	0.79	0.75	0.82	0.77	0.84	0.65	0.71	0.78	0.81	0.84	0.92
25-34	0.85	0.82	0.87	0.85	0.89	0.70	0.78	0.78	0.83	0.76	0.87
35-44	0.89	0.86	0.93	0.88	0.95	0.73	0.85	0.81	0.85	0.82	0.91
45-54	0.91	0.89	0.93	0.91	0.93	0.83	0.94	0.84	0.86	0.84	0.82
55-64	0.91	0.92	0.91	0.92	0.90	0.93	0.94	0.91	0.86	0.85	0.85
65+	0.90	0.92	0.89	0.93	0.89	0.93	0.92	0.82	0.79	0.85	0.78
15+	0.88	0.87	0.89	0.88	0.91	0.78	0.85	0.82	0.83	0.82	0.87
0+	0.89	0.87	0.90	0.89	0.91	0.78	0.84	0.84	0.85	0.85	0.91

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 of any race.

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 2001, which reflect 1990 census-based controls. While, ideally when comparing estimates, the same controls should be used when possible, in reality, comparing trend data over a period of 10 to 20 years this is not practical. Thus, it is appropriate to combine data or compare data which are based on different controls and/or designs (see discussion of the latter below) but keep in mind that small changes could also be due to differences in the weighting estimates.

Microdata files from previous years reflect the latest available census-based controls. Although this 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 one 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 2002 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 subpopulation

groups than for the total population. Note that certain microdata files from 2002, namely June, October, and November, contain both Census-2000 based estimates and 1990 Census-based estimates and are subject to the same issue. All other 2002 months reflect the 1990 Census-based controls.

Based on the results of each decennial census, the Census Bureau gradually introduces a new sample design for the CPS. During this phase-in period, CPS data area collected from sample designs based on different censuses. While most CPS estimates were unaffected by this mixed sample, geographic estimates are subject to greater error and variability. Users should 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 ancestry 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. Even a small amount of nonsampling error can cause a borderline difference to appear significant or not, thus distorting a seemingly valid hypothesis test. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures 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 that would include the average result of all possible samples with a known probability. 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. However, 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. This is 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 due to nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

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, 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 3 provides the generalized variance parameters for labor force estimates, Tables 4 and 5 provide parameters for supplement nonresponse data and supplement self-response data. Tables 6 and 7 provide state and regional, respectively, factors and populations.

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.

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 or Alaskan Native, Native Hawaiian or Other Pacific Islander, 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 for Total or White should be used to compute standard errors for estimates involving the total population, or for estimates involving the White population including or excluding White Hispanics, and including or excluding persons who identify as a member of two or more race groups including White. The parameters for Black should be used to compute standard errors for estimates involving the Black population including or excluding Black Hispanics, and including or excluding persons who identify as a member of two or more race groups including Black. The parameters for Other should be used to compute standard errors for estimates involving other race groups.

Note: The a and b parameters 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 tobacco use supplement data. Replicate weights can be obtained from NCI upon request.

Standard Errors of Estimated Numbers. The approximate standard error, s_x, of an estimated number from this microdata file can be obtained by using the formula:

$$s_x = \sqrt{ax^2 + bx} \qquad (1)$$

Here x is the size of the estimate and a and b are the parameters in Tables 3, 4, and 5 associated with the particular type of characteristic. When calculating standard errors from cross-tabulations involving different characteristics, use the set of parameters for the characteristic that will give the largest standard error.

Illustration No. 1

Suppose there were 5,626,000 unemployed men (ages 16 and up) in the civilian labor force. Use the appropriate parameters from Table 3 and Formula (1) to get

Illustration 1	
Number of unemployed males in the civilian labor force (x)	5,626,000
a parameter (a)	-0.000035
b parameter (b)	2,927
Standard error	124,000
90% confidence interval	5,422,000 to 5,830,000

The standard error is calculated as

$$s_x = \sqrt{(-0.000035 \times 5{,}626{,}000^2) + (2{,}927 \times 5{,}626{,}000)} = 124{,}000$$

The 90-percent confidence interval is calculated as 5,626,000 ± 1.645 × 124,000. A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the percentage and its base. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the parameter from Table 3, 4, or 5 as indicated by the numerator.
The approximate standard error, $s_{x,p}$, of an estimated percentage can be obtained by using the formula:

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

Here x is the total number of people, families, households, or unrelated individuals in the base of the percentage, p is the percentage ($0 \le p \le 100$), and b is the parameter in Table 3, 4, or 5 associated with the characteristic in the numerator of the percentage.

Illustration No. 2
Suppose there are 39,715,000 people aged 15 to 24, of which 11.8 percent are every-day smokers. Use the appropriate parameter from Table 4 and Formula (2) to get

Illustration 2	
Percentage of people aged 15-24 who are every-day smokers (p)	11.8
Base (x)	39,715,000
b parameter (b)	4,323
Standard error	0.34
90% confidence interval	11.2 to 12.4

The standard error is calculated as

$$s_{x,p} = \sqrt{\frac{4{,}323}{39{,}715{,}000} \times 11.8 \times (100.0 - 11.8)} = 0.34$$

The 90 percent confidence interval for the estimated percentage of people aged 15 to 24 who are every-day smokers is calculated as $11.8 \pm 1.645 \times 0.34$.

Standard Errors of Estimated Differences. The standard error of the difference between two sample estimates is approximately equal to

$$s_{x-y} = \sqrt{s_x^{\,2} + s_y^{\,2}} \qquad (3)$$

where s_x and s_y are the standard errors of the estimates, x and y. 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 No. 3

Suppose that of the 5,738,000 Blacks 15-24 years of age, 9.0 percent were every-day smokers, and of the 24,887,000 non-Hispanic Whites 15-24 years of age, 14.4 percent were every-day smokers. Use the appropriate parameters from Table 4 and Formulas (2) and (3) to get

Illustration 3			
	Black (x)	Non-Hispanic White (y)	Difference
Percentage every-day smokers (p)	9.0	14.4	5.4
Base (x)	5,738,000	24,887,000	-
b parameter (b)	4,636	4,323	-
Standard error	0.81	0.46	0.93
90% confidence interval	7.7 to 10.3	13.6 to 15.2	3.9 to 6.9

The standard error of the difference is calculated as

$$s_{x-y} = \sqrt{0.81^2 + 0.46^2} = 0.93$$

The 90-percent confidence interval around the difference is calculated as 5.4 ± 1.645 × 0.93. Since this interval does not include zero, we can conclude with 90 percent confidence that the percentage of Black every-day smokers between 15-24 years of age is greater than the percentage of non-Hispanic White every-day smokers between 15-24 years of age.

Standard Errors of Estimated Ratios. Certain estimates may be calculated as the ratio of two numbers. Compute the standard error of a ratio, x/y, using

$$s_{x/y} = \frac{x}{y}\sqrt{\left(\frac{s_x}{x}\right)^2 + \left(\frac{s_y}{y}\right)^2 - 2r\frac{s_x s_y}{xy}} \qquad (4)$$

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 the 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,

$$r = \frac{x \cdot s_y}{y \cdot s_x} \tag{5}$$

For all other types of ratios, r is assumed to be zero. Examples of this type 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 No. 4

Suppose the number of former smokers is 41,142,000 and the number of ever (current and former) smokers is 81,110,000. The ratio of former to ever smokers (known as the "quit ratio") would be 0.51. Use Formulas (1), (4), and (5), and the appropriate parameters from Table 4 to get

Illustration 4			
	Former (x)	Ever (y)	Ratio
Number of smokers	41,142,000	81,110,000	0.51
a parameter (a)	-0.000019	-0.000019	-
b parameter (b)	4,323	4,323	-
correlation (r)	-	-	0.63
Standard error	382,000	475,000	0.004
90% confidence interval	40,514,000 to 41,770,000	80,329,000 to 81,891,000	0.50 to 0.52

The correlation is calculated as

$$r = \frac{41{,}142{,}000 \times 475{,}000}{81{,}110{,}000 \times 382{,}000} = 0.63$$

and the standard error of the quit ratio is calculated as

$$s_{x/y} = \frac{41{,}142{,}000}{81{,}110{,}000}\sqrt{\left(\frac{382{,}000}{41{,}142{,}000}\right)^2 + \left(\frac{475{,}000}{81{,}110{,}000}\right)^2 - \left(2 \times 0.63 \times \frac{382{,}000 \times 475{,}000}{41{,}142{,}000 \times 81{,}110{,}000}\right)} = 0.004$$

and the 90-percent confidence interval is calculated as $0.51 \pm 1.645 \times 0.004$.

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 for State Estimates. The standard error for a state may be obtained by determining new state-level a and b parameters and then using these adjusted parameters in the standard error formulas mentioned previously. To determine a new state-level b parameter (b_{state}), multiply the b parameter from Table 3, 4, or 5 by the state factor from Table 6. To determine a new state-level a parameter (a_{state}), use the following.

(1) If the a parameter from Table 3, 4, or 5 is positive, multiply the a parameter by the state factor from Table 6.

(2) If the a parameter in Table 3, 4, or 5 is negative, calculate the new state-level a parameter as follows:

$$a_{state} = \frac{-b_{state}}{POP_{state}} \tag{6}$$

where POP_{state} is the state population found in Table 6.

Illustration No. 5

Suppose there were 1,735,000 people living in Florida who were every-day smokers. Use the appropriate parameters, factor, and population from Tables 4 and 6 and Formulas (1) and (6) to get

Illustration 5	
Number of every-day smokers in Florida (x)	1,735,000
b parameter (b)	4,323
Florida state factor	1.14
State population	16,349,543
State a parameter (a_{state})	-0.000301
State b parameter (b_{state})	4,928
Standard error	87,000

Obtain the state-level b parameter by multiplying the b parameter, 4,323, by the state factor, 1.14. This gives $b_{state} = 4{,}323 \times 1.14 = 4{,}928$. Obtain the needed state-level a parameter by

$$a_{state} = \frac{-4{,}928}{16{,}349{,}543} = -0.000301$$

The standard error of the estimate of the number of people in Florida who were every-day smokers can then be found by using Formula (1) and the new state-level a and b parameters, -0.000301 and 4,928, respectively. The standard error is given by:

$$s_x = \sqrt{(-0.000301 \times 1{,}735{,}000^2) + (4{,}928 \times 1{,}735{,}000)} = 87{,}000$$

<u>Standard Errors of Regional Estimates</u>. To compute standard errors for regional estimates, follow the steps for computing standard errors for state estimates found in "Standard Errors for State Estimates" using the regional factors and populations found in Table 7.

<u>Standard Errors of Groups of States</u>. 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:

$$\text{state group factor} = \frac{\sum_{i=1}^{n} POP_i \times factor_i}{\sum_{i=1}^{n} POP_i} \tag{7}$$

where POP_i and $factor_i$ are the population and factor for state i from Table 6.

To obtain a new state group b parameter ($b_{state\ group}$), multiply the b parameter from Table 3, 4, or 5 by the state group factor obtained by Formula (7). To determine a new state group a parameter ($a_{state\ group}$), use the following:

(1) If the a parameter from Table 3, 4, or 5 is positive, multiply the a parameter by the state group factor determined by Formula (7).

(2) If the a parameter in Table 3, 4, or 5 is negative, calculate the new state group a parameter as follows:

$$a_{state\ group} = \frac{-b_{state\ group}}{\sum_{i=1}^{n} POP_i} \tag{8}$$

Illustration No. 6

Suppose the state group factor for the state group Illinois-Indiana-Michigan was required. Use Formula (7) and the appropriate factors and populations from Table 6 to get

$$\text{state group factor} = \frac{(12{,}717{,}075 \times 1.08) + (6{,}140{,}133 \times 0.92) + (10{,}055{,}731 \times 1.05)}{12{,}717{,}075 + 6{,}140{,}133 + 10{,}055{,}731} = 1.04$$

Standard Errors of Averages for Grouped Data. The formula used to estimate the standard error of an average for grouped data is

$$s_{\bar{x}} = \sqrt{\frac{b}{y}\left(S^2\right)} \tag{9}$$

In this formula, y is the size of the base of the distribution and b is the parameter from Table 3, 4, or 5. The variance, S^2, is given by the following formula:

$$S^2 = \sum_{i=1}^{c} p_i \bar{x}_i^2 - \bar{x}^2 \tag{10}$$

where $\bar{x}$, the average of the distribution, is estimated by

$$\bar{x} = \sum_{i=1}^{c} p_i \bar{x}_i \tag{11}$$

c = the number of groups; i indicates a specific group, thus taking on values 1 through c.

p_i = estimated proportion of households, families or people whose values, for the characteristic (x-values) being considered, fall in group i.

$\bar{x}_i$ = $(Z_{i-1} + Z_i + 1)/2$ where Z_i is the upper interval boundary for group i (where i = 1, $Z_{i-1} = 0$). $\bar{x}_i$ is assumed to be the most representative value for the characteristic for households, families, and unrelated individuals or people in group i. Group c is open-ended, i.e., no upper interval boundary exists. For this group, the approximate average value is

$$\bar{x}_c = \frac{3}{2} Z_{c-1} \tag{12}$$

NOTE: Estimates for number of cigarettes smoked 'per some day' (as in Illustration 7b) 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 No. 7a

Suppose there were 32,167,000 every-day smokers among self-respondents and the distribution of the average number of cigarettes consumed per every-day smoker per day was

Cigarettes per Day	Percent of Smokers	$\bar{x}_i$
1 – 10	34.6	(0+10+1)/2 = 5.5
11 – 20	49.8	(10+20 + 1)/2 = 15.5
21 – 30	9.1	(20+30+1)/2 = 25.5
31 – 40	5.3	(30+40+1)/2 = 35.5
41+	1.1	3/2(40) = 60.0

Using Formula (11),

$$\bar{x} = (0.346 \times 5.5) + (0.498 \times 15.5) + (0.091 \times 25.5) + (0.053 \times 35.5) + (0.011 \times 60.0) = 14.48$$

and Formula (10),

$$S^2 = (0.346 \times 5.5^2) + (0.498 \times 15.5^2) + (0.091 \times 25.5^2) + (0.053 \times 35.5^2) + (0.011 \times 60.0^2) - 14.48^2 = 86.01$$

Because this data is from self respondents, use the appropriate parameter from Table 5 and Formula (9) to get

Illustration 7a	
Average amount of cigarettes smoked per day for every-day smokers $(\bar{x})$	14.48
Variance (S^2)	86.01
Base (y)	32,167,000
b parameter (b)	5,745
Standard error	0.124
90% confidence interval	14.28 to 14.68

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{5{,}745}{32{,}167{,}000}(86.01)} = 0.124$$

and the 90-percent confidence interval is calculated as 14.48 ± 1.645 × 0.124. 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 No. 7b

Suppose there were 7,189,000 some day smokers among self respondents and the distribution of the average number of cigarettes consumed per some day smoker per some day was

Cigarettes per Some Day	$\bar{x}_i$	Avg. No. of Days Smoked in the Last 30 Days (d_i)	Cigarettes per Day ($\bar{x}_i \times d_i / 30$)	Percent of Smokers
1	(0+1+1)/2 = 1.0	10.0	1.0*10.0/30 = 0.33	13.6
2	(1+2+1)/2 = 2.0	12.9	2.0*12.9/30 = 0.86	22.0
3	(3+2+1)/2 = 3.0	14.3	3.0*14.3/30 = 1.43	15.6
4	(4+3+1)/2 = 4.0	14.7	4.0*14.7/30 = 1.96	8.5
5+	3/2(4) = 6.0	16.3	6.0*16.3/30 = 3.26	40.2

Using Formula (11),

$$\bar{x} = (0.136 \times 0.33) + (0.220 \times 0.86) + (0.156 \times 1.43) + (0.085 \times 1.96) + (0.402 \times 3.26) = 1.93$$

and Formula (10),

$$S^2 = (0.136 \times 0.33^2) + (0.220 \times 0.86^2) + (0.156 \times 1.43^2) + (0.085 \times 1.96^2) + (0.402 \times 3.26^2) - 1.93^2 = 1.37$$

Because this data is from self-respondents, use the appropriate parameter from Table 5 and Formula (9) to get

Illustration 7b	
Average amount of cigarettes smoked per day for some day smokers ($\bar{x}$)	1.93
Variance (S^2)	1.37
Base (y)	7,189,000
b parameter (b)	5,745
Standard error	0.033
90% confidence interval	1.88 to 1.98

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{5{,}745}{7{,}189{,}000}(1.37)} = 0.033$$

and the 90-percent confidence interval is calculated as 1.93 ± 1.645 × 0.033. 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

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

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 No. 8
Continuing with Illustration 7a, suppose that the estimate for the total number of every-day smokers was 32,167,000 people and that these people smoked an average of 14.48 cigarettes per day. These people then would consume approximately 465,778,000 cigarettes per day. Use the appropriate parameters from Table 5, since the data is self-reported, and Formula (1) to get s_y (get $s_{\bar{x}}$ from Illustration 7a) with Formula (14) to get

Illustration 8	
Average amount of cigarettes smoked per day ($\bar{x}$)	14.48
Standard error ($s_{\bar{x}}$)	0.124
Number of every-day smokers (y)	32,167,000
a parameter (a)	-0.000026
b parameter (b)	5,745
Standard error (s_y)	397,000
Number of cigarettes consumed (T)	465,778,000
Standard error (s_T)	6,997,000
90% confidence interval	454,268,000 to 477,288,000

The standard error for y is calculated as

$$s_y = \sqrt{(-0.000026 \times 32{,}167{,}000^2) + (5{,}745 \times 32{,}167{,}000)} = 397{,}000$$

where T is

$$T = 14.48 \times 32{,}167{,}000 = 465{,}778{,}000$$

and the standard error for T calculated as

$$s_T = \sqrt{(14.48^2 \times 397{,}000^2) + (32{,}167{,}000^2 \times 0.124^2)} = 6{,}997{,}000$$

The 90-percent confidence interval is calculated as 465,778,000 ± 1.645 × 6,997,000. 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.

<u>Standard Errors of Averages for Daily Amount Smoked by Current Smokers</u>. The formula used to estimate the standard error of the average daily amount smoked by current smokers is

$$s_{\bar{x}} = \sqrt{\left[\frac{P(C_1 - C_2)}{(E+P)^2}\right]^2 s_E^2 + \left[\frac{E(C_1 - C_2)}{(E+P)^2}\right]^2 s_P^2 + \left(\frac{E}{E+P}\right)^2 s_{C_1}^2 + \left(\frac{P}{E+P}\right)^2 s_{C_2}^2} \qquad (15)$$

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, and
s_{C_2}	=	the standard error of the average amount a some day smoker smokes per day.

<u>Illustration No. 9</u>
Continuing with Illustrations 7 and 8, suppose there were 32,167,000 every-day smokers that smoked an average of 14.48 cigarettes per day. In addition, suppose 7,189,000 some day

smokers smoked an average of 1.93 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
0.33	2.5
0.86	4.0
1.43	2.9
1.96	1.6
3.26	7.3
5.5	28.3
15.5	40.7
25.5	7.5
35.5	4.4
60.0	0.9

where $\bar{x}$, the average amount smoked by all current smokers, is found using Formula (11) as

$$\begin{aligned}\bar{x} &= (0.025\times 0.33)+(0.040\times 0.86)+(0.029\times 1.43)+(0.016\times 1.96)+(0.073\times 3.26)\\ &\quad +(0.283\times 5.5)+(0.407\times 15.5)+(0.075\times 25.5)+(0.044\times 35.5)+(0.009\times 60.0)\\ &= 12.23\end{aligned}$$

Use the appropriate parameters from Table 5, since this is self respondent data, and Formula (1) to get s_P (get s_E from Illustration 8 and s_{C_1} and s_{C_2} from Illustration 7) and Formula (15) to get

Illustration 9	
Average amount of cigarettes smoked per day ($\bar{x}$)	12.23
Estimated population of every-day smokers (E)	32,167,000
Standard error (s_E)	397,000
Estimated population of some day smokers (P)	7,189,000
a parameter (a)	-0.000026
b parameter (b)	5,745
Standard error (s_P)	200,000
Average amount of cigarettes smoked per every-day (C_1)	14.48
Standard error (s_{C_1})	0.124
Average amount of cigarettes smoked per some day (C_2)	1.93
Standard error (s_{C_2})	0.033
Standard error	0.116
90% confidence interval	12.04 to 12.42

The standard error for s_P is calculated as

$$s_P = \sqrt{(-0.000026\times 7{,}189{,}000^2)+(5{,}745\times 7{,}189{,}000)} = 200{,}000$$

and the standard error for $\bar{x}$ is calculated as

$$s_{\bar{x}} = \left[\left(\frac{7{,}189{,}000(14.48 - 1.93)}{(32{,}167{,}000 + 7{,}189{,}000)^2} \right)^2 \times 397{,}000^2 + \left(\frac{32{,}167{,}000(14.48 - 1.93)}{(32{,}167{,}000 + 7{,}189{,}000)^2} \right)^2 \times 200{,}000^2 \right.$$

$$\left. + \left(\frac{32{,}167{,}000}{32{,}167{,}000 + 7{,}189{,}000} \right)^2 \times 0.124^2 + \left(\frac{7{,}189{,}000}{32{,}167{,}000 + 7{,}189{,}000} \right)^2 \times 0.033^2 \right]^{1/2}$$

$$= 0.116$$

The 90 percent confidence interval is calculated as 12.23 ± 1.645 × 0.116. 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.

Table 3. Parameters for Computation of Standard Errors for Labor Force Characteristics: February, June, and November 2003		
Characteristic	a	b
Labor Force and Not in Labor Force Data Other than Agricultural Employment and Unemployment		
Total or White	-0.000008	1,586
Men	-0.000035	2,927
Women	-0.000033	2,693
Both sexes, 16 to 19 years	-0.000244	3,005
Black	-0.000154	3,296
Men	-0.000336	3,332
Women	-0.000282	2,944
Both sexes, 16 to 19 years	-0.001531	3,296
Hispanic	-0.000187	3,296
Men	-0.000363	3,332
Women	-0.000380	2,944
Both sexes, 16 to 19 years	-0.001822	3,296
Other	-0.000272	2,749
Men	-0.000569	2,749
Women	-0.000521	2,749
Unemployment		
Total or White	-0.000017	3,005
Men	-0.000035	2,927
Women	-0.000033	2,693
Both sexes, 16 to 19 years	-0.000244	3,005
Black	-0.000154	3,296
Men	-0.000336	3,332
Women	-0.000282	2,944
Both sexes, 16 to 19 years	-0.001531	3,296
Hispanic	-0.000187	3,296
Men	-0.000363	3,332
Women	-0.000380	2,944
Both sexes, 16 to 19 years	-0.001822	3,296
Other	-0.000272	2,749
Men	-0.000569	2,749
Women	-0.000521	2,749

NOTE: (1) These parameters are to be applied to basic CPS monthly labor force estimates.
(2) For foreign-born and noncitizen characteristics for Total and White, the a and b parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Blacks, Hispanics, and Others.
(3) For nonmetropolitan residence categories, multiply the b parameters by 1.5.
(4) Hispanics may be of any race. For a more detailed discussion on the use of parameters for race and ethnicity, see the fourth and fifth paragraphs of "Generalized Variance Parameters" on page 7.

Table 4. Parameters for Computation of Standard Errors for Tobacco Use Characteristics Using Non-response Weights: February, June, and November 2003

	Total or White		Black		Hispanic		Other	
Characteristic	a	b	a	b	a	B	A	b
One Month								
Both Sexes	-0.000019	4,323	-0.000115	4,636	-0.000141	3,964	-0.000322	4,636
Male or Female	-0.000039	4,323	-0.000230	4,636	-0.000283	3,964	-0.000645	4,636
Two Combined Months								
Both Sexes	-0.000010	2,262	-0.000060	2,426	-0.000074	2,074	-0.000169	2,426
Male or Female	-0.000020	2,262	-0.000121	2,426	-0.000148	2,074	-0.000337	2,426
Three Combined Months								
Both Sexes	-0.000007	1,575	-0.000042	1,689	-0.000052	1,444	-0.000117	1,689
Male or Female	-0.000014	1,575	-0.000084	1,689	-0.000103	1,444	-0.000235	1,689

NOTES: (1) These parameters are to be applied to the February, June, and November 2003 Tobacco Use Supplement data.

(2) For foreign-born and noncitizen characteristics for Total and White, the a and b parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Blacks, Hispanics, and Others.

(3) For nonmetropolitan residence categories, the a and b parameters should be multiplied by 1.5.

(4) Hispanics may be of any race. For a more detailed discussion on the use of parameters for race and ethnicity, see the fourth and fifth paragraphs of "Generalized Variance Parameters" on page 7.

Table 5. Parameters for Computation of Standard Errors for Tobacco Use Characteristics Using Self-response Weights: February, June, and November 2003

	Total or White		Black		Hispanic		Other	
Characteristic	a	b	a	b	a	b	a	b
One Month								
Both Sexes	-0.000026	5,745	-0.000151	6,080	-0.000209	5,858	-0.000423	6,080
Male or Female	-0.000052	5,745	-0.000302	6,080	-0.000418	5,858	-0.000845	6,080
Two Combined Months								
Both Sexes	-0.000014	3,006	-0.000079	3,181	-0.000109	3,065	-0.000221	3,181
Male or Female	-0.000027	3,006	-0.000158	3,181	-0.000219	3,065	-0.000442	3,181
Three Combined Months								
Both Sexes	-0.000009	2,093	-0.000055	2,215	-0.000076	2,134	-0.000154	2,215
Male or Female	-0.000019	2,093	-0.000110	2,215	-0.000152	2,134	-0.000308	2,215

NOTES: (1) These parameters are to be applied to the February, June, and November 2003 Tobacco Use Supplement data.

(2) For foreign-born and noncitizen characteristics for Total and White, the a and b parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Blacks, Hispanics, and Others.

(3) For nonmetropolitan residence categories, the a and b parameters should be multiplied by 1.5.

(4) Hispanics may be of any race. For a more detailed discussion on the use of parameters for race and ethnicity, see the fourth and fifth paragraphs of "Generalized Variance Parameters" on page 7.

Table 6. State Factors and Populations for Monthly, 2-Month, and 3-Month Parameters: February, June, and November 2003				
State	One Month Factor	Two Combined Months Factor	Three Combined Months Factor	November 2003 Population
Alabama	0.94	0.93	0.90	4,437,446
Alaska	0.12	0.12	0.12	635,105
Arizona	1.15	1.11	1.09	5,383,165
Arkansas	0.64	0.62	0.61	2,670,949
California	1.49	1.45	1.40	35,554,286
Colorado	0.67	0.65	0.64	4,493,928
Connecticut	0.55	0.53	0.50	3,444,790
Delaware	0.18	0.17	0.16	793,838
District of Columbia	0.14	0.14	0.13	577,355
Florida	1.14	1.09	1.05	16,349,543
Georgia	1.70	1.65	1.60	8,440,760
Hawaii	0.26	0.25	0.25	1,217,608
Idaho	0.30	0.29	0.29	1,328,016
Illinois	1.08	1.05	1.02	12,717,075
Indiana	0.92	0.90	0.88	6,140,133
Iowa	0.51	0.51	0.50	2,925,836
Kansas	0.48	0.48	0.48	2,699,333
Kentucky	0.83	0.80	0.78	4,028,766
Louisiana	1.05	1.01	0.97	4,428,104
Maine	0.21	0.20	0.20	1,269,650
Maryland	0.93	0.90	0.88	5,412,655
Massachusetts	0.93	0.89	0.85	6,462,600
Michigan	1.05	1.01	0.97	10,055,731
Minnesota	0.81	0.82	0.83	5,022,063
Mississippi	0.73	0.71	0.68	2,827,556
Missouri	1.00	0.96	0.93	5,594,458
Montana	0.23	0.23	0.23	896,415
Nebraska	0.34	0.34	0.33	1,727,067
Nevada	0.35	0.34	0.33	2,125,297
New Hampshire	0.22	0.21	0.20	1,261,676
New Jersey	0.92	0.88	0.84	8,658,228
New Mexico	0.46	0.44	0.43	1,849,736
New York	1.00	0.97	0.93	19,413,210
North Carolina	1.09	1.10	1.10	8,167,137
North Dakota	0.13	0.13	0.12	629,019
Ohio	1.13	1.09	1.05	11,381,519
Oklahoma	0.72	0.70	0.68	3,428,684
Oregon	0.68	0.67	0.66	3,492,412
Pennsylvania	1.04	1.00	0.97	12,179,129
Rhode Island	0.16	0.16	0.15	1,055,458
South Carolina	0.83	0.80	0.78	4,023,189
South Dakota	0.13	0.13	0.13	753,441
Tennessee	1.35	1.30	1.25	5,717,343
Texas	1.37	1.33	1.29	21,726,542
Utah	0.46	0.46	0.45	2,365,319
Vermont	0.11	0.11	0.10	611,727
Virginia	1.32	1.28	1.25	7,116,129
Washington	1.11	1.16	1.21	6,035,636
West Virginia	0.34	0.32	0.31	1,768,584
Wisconsin	0.82	0.84	0.86	5,404,346
Wyoming	0.10	0.10	0.10	490,742

NOTE: The state population counts in this table are for the 0+ population.

Table 7. Factors and Regional Standard Errors and Parameters and Regional Populations: February, June, and November 2003				
Region	One Month Factor	Two Combined Months Factor	Three Combined Months Factor	November 2003 Population
Midwest	0.93	0.91	0.89	65,050,021
Northeast	0.90	0.86	0.83	54,356,468
South	1.14	1.10	1.07	101,914,580
West	1.14	1.12	1.09	65,867,665

NOTE: The regional population counts in this table are for the 0+ population.

References

[1] Bureau of Labor Statistics (1004), Employment and Earnings, Volume 41 Number 5, May 1994, U.S. Department of Labor, Washington, DC.

[2] U.S. Census Bureau (2002), Current Population Survey: Design and Methodology, Technical Paper 63RV, U.S. Department of Commerce, Washington, DC. (http://www.census.gov/prod/2002pubs/tp63rv.pdf)

[3] National Cancer Institute and Centers for Disease Control and Prevention Co-sponsored Tobacco Use Supplement to the Current Population Survey. (2003), [Online]. Available from: http://riskfactor.cancer.gov/studies/tus-cps/ [January 4, 2006].

[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, February, June, and November 2003: 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.