CURRENT POPULATION SURVEY, January 2011
Tobacco Use FILE

TECHNICAL DOCUMENTATION
CPS—11

This file documentation consists of the following materials:

NOTE

Questions about accompanying **documentation** should be directed to Administrative and Customer Services Division, Publications Services Branch, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-4400.

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

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

ATTACHMENT 1

ABSTRACT

The National Cancer Institute (NCI) of the National Institutes of Health (NIH) sponsored a Tobacco Use Supplement (TUS) to the Current Population Survey (CPS) conducted by the Census Bureau for the Bureau of Labor Statistics. - Washington: Census Bureau [producer and distributor], January 2011.

Type of File:

Microdata; unit of observation is person.

Universe Description:

For January 2011 the universe is person level for all persons aged 18 and above in the civilian noninstitutional population of the United States and completed the labor force interview. The probability sample selected to represent the universe consisted of 53,944 households.

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

- Section A screened for prior cigarette usage and current usage status of everyday smoker, some days smoker or not at all.
- Section B questions were asked if they had smoked 100 cigarettes, is a self-respondent and currently smoking everyday.
- Section C questions were asked if the person had smoked 100 cigarettes, is a self-respondent and currently smoking some days.
- Section D asked self respondents questions about quit smoking attempts of the past 12 months, and if none, asks if ever quit.
- Section E asked self respondent current and some-day smokers about methods used during the most recent quit attempt within the past 12 months.
- Section F asked self respondent current and some-day smokers about Doctor and Dentist advice to stop smoking.
- Section G asked self respondent current and some-day smokers about the person's interest, likelihood, and confidence in quitting within the next 6 months.
- Section H questions were asked of self respondent former smokers (if the person had smoked 100 cigarettes, is a self-respondent and currently not smoking at all).
- Section J asked all respondents about use of other tobacco products.
- Section JJ asked about use of new smokeless dissolvable tobacco products.
- Section K asked about smoke-free policies at work and at home, attitudes towards smoking in different places, and what menthol smokers would do if menthol cigarettes were no longer sold.
- The Supplement Universe was :
  (HRINTSTA = 1 AND
  PRTAGE greater than or equal to 18 AND
  HRMIS in 1, 2, 3, 4, 5, 6, 7, 8).

Subject-Matter Description:

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

The Tobacco Use questions were asked of any person age 18 years or older in the household in January 2011.

Geographic Coverage:

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

Technical Description:

File Structure: Rectangular.

File Size:

	Record Number	Record Size
January 2011	152,128	1,648 characters
Total	152,128	1,648 characters

There are 107,272 total supplement eligible records derived from:

January 2011:   152,128

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

Reference Materials:

Current Population Survey, January 2011: Tobacco Use Supplement Technical Documentation. Documentation contains this abstract, questionnaire facsimiles, and record layouts of the file. Documentation is located at http://www.census.gov/cps/methodology/techdocs.html

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

File Availability:

The file is available at http://www.bls.census.gov/cps_ftp.html#cpssupps

ATTACHMENT 2

OVERVIEW

Current Population Survey

Introduction

The Current Population Survey (CPS) is the source of the official government statistics on employment and unemployment. The CPS has been conducted monthly for over 50 years. Currently, we obtain interviews from about 56,000 households monthly, scientifically selected on the basis of area of residence to represent the nation as a whole, individual states, and other specified areas. Each household is interviewed once a month for four consecutive months one year, and again for the corresponding time period a year later. This technique enables us to obtain reliable month-to-month and year-to-year comparisons at a reasonable cost while minimizing the inconvenience to any one household.

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

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

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

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

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

CPS Sample Design

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

Approximately 72,000 housing units are assigned for interview each month, of which about 60,000 are occupied and thus eligible for interview. The remainder are units found to be destroyed, vacant, converted to nonresidential use, containing persons whose usual place of residence is elsewhere, or ineligible for other reasons. Of the 60,000 occupied housing units, approximately 7 percent are not interviewed in a given month due to temporary absence (vacation, etc.), the residents are not found at home after repeated attempts, inability of persons contacted to respond, unavailability for other reasons, and refusals to cooperate. The interviewed households contain approximately 108,000 persons 15 years old and over, approximately 27,000 children 0-14 years old, and about 450 Armed Forces members living with civilians either on or off base within these households. A more precise explanation regarding the CPS sample design is provided in "Explanatory Notes and Estimates of Error: Household Data - Sampling" in any issue of *Employment and Earnings*.

Relationship of Current Population Survey Files to Publications

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

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

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

All Current Population Reports, including the other series for population estimates and projections and special censuses, may be obtained by subscription from the U.S. Government Printing Office at 202-783-3238. Subscriptions are available as follows: Population Characteristics, Special Studies, and Consumer Income series (P-20, P-23, P-60) combined, $101 per year (sold as a package only); Population Estimates and Projections, (P-25), $27 per year. Single issues may be ordered separately; ordering information and prices are provided in the Bureau of the *Census Catalog and Guide*, the *Monthly Product Announcement* (MPA), and in *Census and You*. Selected reports also may be accessed on the INTERNET at http://www.census.gov/prod/www/subject.html#pop

Geographic Limitations

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

Weights

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

1. **Noninterview adjustment**. The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a state. Similarity of sample areas is based on Core-Based Statistical Area (CBSA) status and size. Within each cluster, there is a further breakdown by residence. Each CBSA cluster is split by "principal city" and "balance of the CBSA." The proportion of occupied sample households not interviewed fluctuates around 8 percent depending on weather, vacations, etc.

2. **Ratio estimates**. The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole in such characteristics as age, race, sex, and state of residence. Because these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio adjustment as follows:

   a. *First-stage ratio estimate*. The purpose of the first-stage ratio adjustment is to reduce the contribution to variance that results from selecting a sample of PSUs rather than drawing sample households from every PSU in the nation. This adjustment is made to the CPS weights in two race cells: black and nonblack; it is applied only to PSUs that are nonself-representing and for those states that have a substantial number of black households. The procedure corrects for differences that existed in each state cell at the time of the 2000 census between 1) the race distribution of the population in sample PSUs and 2) the race distribution of all PSUs (both 1 and 2 exclude self-representing PSUs).

   b. *Second-stage ratio estimate*. This procedure substantially reduces the variability of estimates and corrects, to some extent, for CPS undercoverage. The CPS sample weights are adjusted to ensure that sample-based estimates of population match independent population controls. Three sets of controls are used:

      1) 51 state controls of the civilian noninstitutional population 16 years of age and older

      2) national civilian noninstitutional population controls for 14 hispanic and 5 nonhispanic age-sex categories

      3) national civilian noninstitutional population controls for 66 white, 42 black, and 10 "other" age-sex categories

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

Comparability of CPS From Microdata Files With Published Sources

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

Another factor also inhibits microdata comparison with published labor force data. This is the seasonal adjustment that is applied to many published statistics. This adjustment is used to adjust for normal seasonal variations to help distinguish the underlying economic situation in month-to-month changes.

Shown below are data from January and July 1993 which demonstrate how estimates compiled using the final weights from the microdata file may differ from the published composited estimates, with and without seasonal adjustment. Note that the composite estimation procedure was not used for estimates published from January 1994 to May 1994. For a further description of both the composite estimator and seasonal adjustment, see "Explanatory Notes and Estimates of Error: Household Data - Estimating Methods (Composite Estimation Procedure)" and "Seasonal Adjustment" in any issue of Employment and Earnings.

Comparison of CPS Estimates from Microdata Files with Published Sources

	Civilian Noninstitutional Population	Civilian Labor Force	Employed	Unemployed	Not in Labor Force
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

January 2011 Tobacco Use Supplement

General

Census Bureau staff conducted a Tobacco Use Supplement (TUS) to the Current Population Survey (CPS) in conjunction with the January 2011 CPS. The National Cancer Institute (NCI) sponsored the supplement. The CPS is a monthly labor force survey conducted in approximately 59,000 interviewed households across the country. Attachment 8 contains a facsimile of the January 2011 TUS questions.

Census Bureau staff collected the previous series of NCI sponsored Tobacco Use Supplements to the CPS: in May 2006, August 2006 and January 2007; in February, June and November 2003; in June 2001, November 2001 and February 2002; in September 1998, January 1999, and May 1999; in September 1995, January 1996, and May 1996; and in September 1992, January 1993, and May 1993. We conducted an abbreviated TUS in January 2000 and May 2000 at the request of the NCI in order to assess the usage of cigars, snuff, pipes and chewing tobacco, as well as cigarettes by the U.S. population. Some of the respondents in January 2002 and May 2000 were also in the CPS panel in January 1999 or May 1999. Thus, a longitudinal cohort can be created from matching the full 1999 data on cigarette smoking to the limited cigarette smoking outcome data in 2000.

The 2003 Tobacco Use Special Cessation Supplement (TUSCS), had a special detailed set of cessation questions not on the standard TUS-CPS series Supplements. This 2003 Supplement was conducted in February, June and November 2003. In addition, the 2002 TUS and the 2003 TUSCS included a longitudinal cohort of 23,000 individuals (this subgroup was interviewed in Feb 2002 and again in Feb 2003). See http://riskfactor.cancer.gov/studies/tus-cps , http://riskfactor.cancer.gov/studies/tus-cps/questionnaire.html , and Weighting the Overlap Sample report (PDF) for details on this cohort data. For matching variables see the 2003 Technical Documentation at http://www.census.gov/cps/methodology/techdocs.html, the Weighting the Overlap Sample report (PDF) , and http://riskfactor.cancer.gov/studies/tus-cps/workshops/2009/tusuw2009_gibson.pdf .

Prior to this January 2011 collection were collections in May 2010 and August 2010. State data will be most reliable when using data from all three months of data collection, within a survey cycle. For this reason, we recommend using all three files when analyzing most state or sub-state level data. This is especially important when trying to replicate NCI future analysis of the 2010-2011data and the analysis of past survey waves, as much of their analysis is based on a statistical average of all three months for any series of collection

periods. Each file contains only TUS supplement data collected for the specific month (e.g., May 2010, August 2010 or January 2011); and its corresponding CPS data.

NCI took advantage of the CPS unique panel design by also sponsoring Census Bureau follow up data collection in May 2011 from respondents who were in the May 2010 TUS sample. This gave rise to a one year longitudinal cohort (or two years retrospectively). When the May 2011 file is released it will contain the matched set of records from May 2010 and May 2011, and special overlap sample weights.

For the January 2011 Tobacco Use Supplement, THE CITATION IS:
US Department of Commerce, Census Bureau 2012, National Cancer Institute sponsored Tobacco Use Supplement to the Current Population Survey January 2011 .
 http://riskfactor.cancer.gov/studies/tus-cps/
 and   http://www.census.gov/cps/methodology/techdocs.html .

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

Data Collection

TUS-CPS unique analysis opportunity- Linkages with other CPS or other non-tobacco Supplements to the CPS. **A** unique feature of the CPS is its panel design, in which each household in the sample is surveyed for four consecutive months (panels # 1-4) and then for four more consecutive months (panels # 5-8) nine months later [see Attachment # 2- Overview of the Current Population Survey in this Technical Documentation, and U.S. Department of Commerce. 2006. Current Population Survey. Design and Methodology Technical Paper 66. Washington, D.C.:U.S. Census Bureau http://www.census.gov/prod/2006pubs/tp-66.pdf . Due to this sampling strategy a subset of persons who were in sample for any given month of TUS-CPS fielding (e.g., May 2010, August 2010, or January 2011) can be linked with other CPS Basic and Supplement data from surveys conducted within about + /- 15 months of a TUS-CPS. This affords an opportunity to include other topics in analysis from March Annual Social and Economic Supplement (ASEC), Internet Use, American Time Use (ATUS), Voting and Registration, Veterans, Food Security, and other CPS Supplements. The ATUS to the CPS would be especially useful for exploring how smokers identified in the TUS-CPS utilize their time as determinants of smoking cessation and tobacco use. Procedures for merging other CPS or CPS Supplement data to the 2010-11 TUS –CPS files can be located at http://riskfactor.cancer.gov/studies/tus-cps .

> TUS-CPS data can also be linked to health outcomes data with the National Longitudinal Mortality Study (NLMS).
> (http://surveillance.cancer.gov/disparities/nlms/). Health outcomes data include cancer incidence, specific-cause mortality, diagnostic, treatment, survival, and

medical care costs from linkages with NCI SEER Registry, National Death Index, and Medicare claims data.

Respondents are included in the 2010-11 TUS-CPS sample only once.
Panels #4 and #8 for August 2010 which were interviewed as panels #1 and #5 in May 2010 were not given the Main TUS in August -- eliminating any possibility of those individuals being in the sample twice with-in the 2010-11 main data files.

May 2010-May 2011 longitudinal cohort data (overlap sample). The subsequent May 2011 fielding data release will have the baseline and follow-up (longitudinal) data from the May 2010 and May 2011 matches.

The 2010-11 Tobacco Use Supplement Items. The Supplement consisted of Items

PEA1 through SINTTP. All CPS household members age 18 years and older who had completed CPS Core items were eligible for these items in January 2011.

Items for Both Proxy and Self-Respondents
Self-respondents were eligible for the entire supplement, whereas proxy respondents were only eligible for certain items. We only collected information from proxies on

topics such as smoking status (Items PEA1 – PEA3) and the use of other tobacco products- pipes (asked separately about regular and water/hookah varieties), cigars (including large/regular, cigarillo, and little filtered varieties), and smokeless tobacco (including snuff chewing tobacco, and snus varieties (Items PEJ1a@1-4 and PEJ2a@1-4).

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

- We asked everyday, some days and former cigarette smokers and users of other non-cigarette tobacco products a set of detailed smoking history questions tailored to their status (Items PEB1 – PEB11, PEC1 – PEC11, , PEH1NUM – PEH11d, and PEJ2b – J7c2a).

- Also included were some new *special questions or modified items first asked in the 2003 special cessation TUS series* such as:

- o type of cigarettes smoked - menthol cigarettes including how long, switching, and reasons for use (Items PEB2-2a, B7c2-3, B11, PEC2-2a, PEC7d2-3, PEC11, PEH6Ci-5, PEH6Fa3b-c, PEH11a-d);
- o measures of addiction - "time after awakening smoking first cigarette/using other tobacco product ,and awakening during the night to smoke/use other tobacco (Items PEB5a-c, PEC5a-c, PEH8a-c, PEJ3a-h);
- o more detailed questions on attempts to quit smoking (FEDa-D8R, PEH6d-6f2) or quit other forms of tobacco use (Items PEJ4-PEJ7c2a);
- o methods and treatments used to quit (PEE1a-E1e, PEH6d-6f2, PEJ4-6b);
- o cost of cigarettes (including identifying purchases from Indian Reservations) (PEBA6a-PEBe3SPC, PECA6a-PEC6e3SPC);
- o Age initiating everyday cigarette smoking, and the state of residence at that time (PEB7a-7bspc, PEC7a-7a3SP, PEH2-2bSPC), and state of residence at birth (PEKStresh)..

- Questions *first asked in the 2006-2007 TUS-CPS series* regarding amount of cigarettes smoked about 12 months ago (Items PEB9 – B10b, PEC9-C10b, and PEH6A-H6C) and asking about purchase of individual cigarettes ("loosies"- Items PEB6e1-6e3SPC and PEC6e1-6e3SPC)

- In additi*on, we asked current smokers questions, suc*h as whether the medical and dental community had advised them to quit smoking (Items PEF1a – PEF2d), or if they were planning to quit in the near future (Items PEG1 – PEG4). Similar questions (Items H6.1a-H6.2d) on health professional advice to quit smoking were asked of *former smokers.* In addition to the general questions asked on the TUS, reports of types of advice given by the health professionals were obtained.

- An emerging tobacco product section that was initiated in 2003, asked about use of dissolvables (2010-2011 main survey), and E-cigarettes during the May 2011 follow-up survey.

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

  - o smoking policies in their work place (Items PEK1 – PEK3d),
  - o smoking rules in the home (Item PEK4)
  - o their opinions about smoking in bars and cocktail lounges, and on outdoor children's playgrounds and outdoor children's

sports fields (PEK6c, 6f)
- o   new opinion questions about smoking in casinos and cars (Items PEK6g-6h2 and
- o   what menthol smokers would most likely do if menthol cigarettes were no longer sold. (PEK7)

Special Administrative Items. *We also collected some special questions, such as who the proxy respondents were, the language in which the interview was conducted, the survey method (telephone vs. personal-visit interviews), Computer Assisted Telephone Interviewing (CATI) vs. Computer Assisted Personal Interviewing (CAPI), and the date of the interview.*

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

Another *generally unique feature of the 2003 TUSCS-CPS, the 2006-07 TUS-CPS, and the 2010- 2011 TUS-CPS* is asking *former smokers* questions on their previous level of addiction, use of treatment/methods to quit, and advice from health professionals. This feature enables elegant comparisons between characteristics of former smokers— "successful quitters" and current smokers attempting to quit.

Data Processing
The data processing involved editing the January 2011 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.

Other Edits. We also edited the supplement data based on patterns of response, such as: (1) making check items consistent with entries; (2) making the various records of proxy/self consistent with each other; and (3) assigning a code "88" in the variable PES78 when we knew that the interview was done by a proxy, but we did not know by whom.

Recodes. We also created an interview status recode and a smoking status recode. The interview status recode is identified by the variable "INTRVIEW" where Code 1 is an interview and Code 2 is a non-interview. The smoking status recode is identified by the variable "SMOKSTAT" where Code 1 is a "never smoker," Code 2 is an "everyday smoker," Code 3 is a "some days smoker," Code 4 is a "former smoker," and Code -9 is "indeterminate (unknown) smoking status."

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

Weighting

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

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

Supplement Non-Response and Self-Response Weights. Use the supplement non-response adjustment weight PWNRWGT 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 for tallying the supplement items.

Use of Weights When Using All Three Files. The best analysis of the TUS-CPS data, especially for states, will come from combining the data in all three collection periods (May 2010, August 2010, and January 2011). **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 TUS-CPS special parameters to make standard error estimates for January 2011 single file and the need for special replicate weight files for complex analysis such as regression. Replicate weight files are available from the NCI upon request (http://riskfactor.cancer.gov/studies/tus-cps/).

January 2011 NCI sponsored TUS-CPS Files

CPS Labor Force Data. The January 2011 CPS file contains 152,128 records. The first 950 characters contain the labor force data for each record. Attachment 6 contains the CPS Basic Items Record Layout, which includes the variable name, character size, location on the record, universe, and the possible values of each basic CPS variable included on the file.

The variable PRPERTYP 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 determines the interview status of the household.

  HRINTSTA

       1 = Interviewed

       2 = Type A Non-interview (These records represent households that were eligible for CPS interview but were not interviewed because no one as home, household members were temporarily absent, etc.)

       3 = Type B Non-interview (These records represent sample addresses determined to be ineligible for the CPS by virtue of a temporary situation, such as being vacant, nonresidential, etc. These households could become eligible for a CPS interview.)

       4 = Type C Non-interview (These records represent sample addresses determined to be ineligible for CPS by virtue of a permanent change such as demolished, condemned, etc. These addresses will not be visited again for CPS interviews.)

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

The values of PRPERTYP are:

January 2011

1 = Child		26,366
2 = Adult Civilian, 15+		107,272
3 = Adult, Armed Forces		452
	Total	134,090

The values of HRINTSTA are:

1 = Interview	134,090
2 = Type A Noninterview	5,042
3 = Type B Noninterview	12,358
4 = Type C Noninterview	638
	152,128

For Supplement Non-Response and Supplement Self-Response Rates, see the Source & Accuracy Statement, Attachment 16.

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

    January 2011   82,736

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

    January 2011   18,627

Those ineligible for the TUS include:
- Children, PRPERTYP=1; (N =26,366),
- adults 15-17 years of age (N = 5,647),
- those adults in the Armed Forces (N=452),
- and those with incomplete CPS interviews, (hrintsta ne 1 or pelig=3) (N = 18,299),
- "." (missing = 1)

GLOSSARY

Current Population Survey

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

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

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

Civilian Labor Force–(See Labor Force.)

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

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

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

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

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

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

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

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

Education–(See Level of School Completed.)

Employed–(See Labor Force.)

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

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

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

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

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

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

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

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

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

Highest Grade of School Attended–(See Level of School Completed.)

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

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

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

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

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

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

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

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

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

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

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

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

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

1. *Employed*

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

2. *Unemployed*

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

    a. *Job Leavers*

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

    b. *Job Losers*

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

    c. *New Job Entrants*

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

    d. *Job Reentrants*

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

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

3. Not in Labor Force

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Unemployed-(See Labor Force.)

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

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

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

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

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

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

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

Workers-(See Labor Force--Employed.)

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

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

ATTACHMENT 5

HOW TO USE THE RECORD LAYOUT

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

Item Naming Conventions

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

     H - Household item
     G - Geography item
   * P - Person item (includes adult items, child items, and armed forces items)

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

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

     E - Edited item
     U - Unedited item
     X - Allocation flag (see Attachment 15 for more information)
     W - Weight
     R - Recode

⊄   The remaining characters describe the variable.

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

ATTACHMENT 6

CPS RECORD LAYOUT FOR BASIC LABOR FORCE ITEMS

STANDARD PUBLIC USE FILES

A1. HOUSEHOLD INFORMATION

```
*******************************
*    STARTING JANUARY 2010    *
*******************************
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NAME	SIZE	DESCRIPTION	LOCATION

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

HRHHID	15	HOUSEHOLD IDENTIFIER (Part 1)	1 - 15

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

Part 1. See Characters 71-75 for Part 2 of the
Household Identifier.
Use Part 1 only for matching backward in time and
use in combination with Part 2 for matching
forward in time.

HRMONTH	2	MONTH OF INTERVIEW	16 - 17

EDITED UNIVERSE:
ALL HHLDs IN SAMPLE

<u>VALID ENTRIES</u>

01   MIN VALUE
12   MAX VALUE

HRYEAR4	4	YEAR OF INTERVIEW	18 - 21

EDITED UNIVERSE:
ALL HHLDs IN SAMPLE

<u>VALID ENTRIES</u>

1998   MIN VALUE
2999   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
HURESPLI	2	LINE NUMBER OF THE CURRENT RESPONDENT	22 - 23

VALID ENTRIES

0	MIN VALUE
99	MAX VALUE

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

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

VALID ENTRIES

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

		233	OTHER - SPECIFY	
		240	DEMOLISHED	
		241	HOUSE OR TRAILER MOVED	
		242	OUTSIDE SEGMENT	
		243	CONVERTED TO PERM. BUSINESS OR STORAGE	
		244	MERGED	
		245	CONDEMNED	
		246	BUILT AFTER APRIL 1, 2000	
		247	UNUSED SERIAL NO./LISTING SHEET LINE	
		248	OTHER – SPECIFY	
		256	REMOVED DURING SUB-SAMPLING	
		257	UNIT ALREADY HAD A CHANCE OF SELECTION	

HUSPNISH   2   IS SPANISH THE ONLY LANGUAGE SPOKEN BY ALL MEMBERS OF THIS HOUSEHOLD WHO ARE 15 YEARS OF AGE OR OLDER?   27 - 28

VALID ENTRIES

1   SPANISH ONLY LANGUAGE SPOKEN

HETENURE   2   ARE YOUR LIVING QUARTERS... (READ ANSWER CATEGORIES)   29 - 30

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

VALID ENTRIES

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

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

NAME	SIZE	DESCRIPTION	LOCATION

HEHOUSUT   2   TYPE OF HOUSING UNIT   31 - 32

EDITED UNIVERSE:ALL HHLDs IN SAMPLE

<u>VALID ENTRIES</u>

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

HETELHHD   2   IS THERE A TELEPHONE IN THIS HOUSE/APARTMENT?   33 - 34

EDITED UNIVERSE:
HRINTSTA = 1
<u>VALID ENTRIES</u>

1   YES
2   NO

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

EDITED UNIVERSE:
HETELHHD = 2

<u>VALID ENTRIES</u>

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION
HEPHONEO	2	IS A TELEPHONE INTERVIEW ACCEPTABLE?	37 - 38

EDITED UNIVERSE:
HETELHHD = 1 OR HETELAVL = 1

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION
HEFAMINC	2	FAMILY INCOME	39 - 40

(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.)

Edited beginning January 2010
**Note: Caution should be used when using this variable
since it has an allocation rate of approximately 20 percent.**

VALID ENTRIES

1   LESS THAN $5,000
2   5,000 TO 7,499
3   7,500 TO 9,999
4   10,000 TO 12,499
5   12,500 TO 14,999
6   15,000 TO 19,999
7   20,000 TO 24,999
8   25,000 TO 29,999
9   30,000 TO 34,999
10   35,000 TO 39,999
11   40,000 TO 49,999
12   50,000 TO 59,999
13   60,000 TO 74,999
14   75,000 TO 99,999
15   100,000 TO 149,999
16   150,000 OR MORE

NAME	SIZE	DESCRIPTION	LOCATION
HUTYPEA	2	TYPE A NONINTERVIEW REASON	41 - 42

VALID ENTRIES

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

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

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION
HWHHWGT	10	HOUSEHOLD WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR TALLYING HOUSEHOLD CHARACTERISTICS	47 - 56

EDITED UNIVERSE:
HRINTSTA = 1

NAME	SIZE	DESCRIPTION	LOCATION
HRINTSTA	2	INTERVIEW STATUS	57 - 58

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

NAME	SIZE	DESCRIPTION	LOCATION
HRNUMHOU	2	TOTAL NUMBER OF PERSONS LIVING IN THE HOUSEHOLD (HOUSEHOLD MEMBERS).	59 - 60

EDITED UNIVERSE:
ALL HHLDs IN SAMPLE

VALID ENTRIES

0   MIN VALUE
16   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
HRHTYPE	2	HOUSEHOLD TYPE	61 - 62

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

NAME	SIZE	DESCRIPTION	LOCATION
HRMIS	2	MONTH-IN-SAMPLE	63 - 64

EDITED UNIVERSE:
ALL HHLDs IN SAMPLE

VALID ENTRIES

1   MIN VALUE
8   MAX VALUE

| HUINTTYP | 2 | TYPE OF INTERVIEW | 65 - 66 |

VALID ENTRIES

0   NONINTERVIEW/INDETERMINATE
1   PERSONAL
2   TELEPHONE

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

VALID ENTRIES

1   MIN VALUE
9   MAX VALUE

| HRLONGLK | 2 | LONGITUDINAL LINK INDICATOR | 69 - 70 |

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

NAME	SIZE	DESCRIPTION	LOCATION
HRHHID2	5	HOUSEHOLD IDENTIFIER (part 2)	71 - 75

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

Part 1 of this number is found in columns 1-15 of the record. Concatenate this item with Part 1 for matching forward in time.

The component parts of this number are as follows:

71-72	Numeric component of the sample number (HRSAMPLE)
73-74	Serial suffix-converted to numerics (HRSERSUF)
75	Household Number (HUHHNUM)

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	3	FILLER	76 - 78
HUBUS	2	DOES ANYONE IN THIS HOUSEHOLD HAVE A BUSINESS OR A FARM?	79 - 80

<u>VALID ENTRIES</u>

1	YES
2	NO

NAME	SIZE	DESCRIPTION	LOCATION
HUBUSL1	2	ENTER LINE NUMBER FOR HUBUS = 1	81 - 82

<u>VALID ENTRIES</u>

01	MIN VALUE
99	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
HUBUSL2	2	See BUSL1	83 - 84

<u>VALID ENTRIES</u>

1	MIN VALUE
99	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
HUBUSL3	2	See BUSL1	85 - 86

<u>VALID ENTRIES</u>

1	MIN VALUE
99	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
HUBUSL4	2	See BUSL1	87 - 88

VALID ENTRIES

1	MIN VALUE
99	MAX VALUE

A2. GEOGRAPHIC INFORMATION

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION
GESTCEN	2	CENSUS STATE CODE	91 - 92

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

11	ME	44	ND	71	AR
12	NH	45	SD	72	LA
13	VT	46	NE	73	OK
14	MA	47	KS	74	TX
15	RI	51	DE	81	MT
16	CT	52	MD	82	ID
21	NY	53	DC	83	WY
22	NJ	54	VA	84	C0
23	PA	55	WV	85	NM
31	OH	56	NC	86	AZ
32	IN	57	SC	87	UT
33	IN	58	GA	88	NV
34	MI	59	FL	91	WA
35	WI	61	KY	92	OR
41	MN	62	TN	93	CA
42	IA	63	AL	94	AK
43	MO	64	MS	95	HI

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

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

<u>VALID ENTRIES</u>

01	AL	21	KY	38	ND
02	AK	22	LA	39	OH
04	AZ	23	ME	40	OK
05	AR	24	MD	41	OR
06	CA	25	MA	42	PA
08	CO	26	MI	44	RI
09	CT	27	MN	45	SC
10	DE	28	MS	46	SD
11	DC	29	MO	47	TN
12	FL	30	MT	48	TX
13	GA	31	NE	49	UT
15	HI	32	NV	50	VT
16	ID	33	NH	51	VA
17	IL	34	NJ	53	WA
18	IN	35	NM	54	WV
19	IA	36	NY	55	WI
20	KS	37	NC	56	WY

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	1	FILLER	95 - 95
GTCBSA	5	Metropolitan CBSA FIPS CODE	96 - 100

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

<u>VALID ENTRIES</u>

00000   NOT IDENTIFIED OR NONMETROPOLITAN
00460   MIN VALUE
79600   MAX VALUE

SPECIFIC METROPOLITAN CBSA CODE
(SEE GEOGRAPHIC ATTACHMENT)

NAME	SIZE	DESCRIPTION	LOCATION
GTCO	3	FIPS COUNTY CODE	101 - 103

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

000   NOT IDENTIFIED
001-810 SPECIFIC COUNTY CODE
    (SEE ATTACHMENT 13)
    NOTE: THIS CODE MUST BE USED
    IN COMBINATION WITH A STATE
    CODE (GESTFIPS or GESTCEN) IN
    ORDER TO UNIQUELY IDENTIFY
    A COUNTY. ALSO, MOST
    COUNTIES ARE **NOT** IDENTIFIED.

NAME	SIZE	DESCRIPTION	LOCATION
GTCBSAST	1	PRINCIPAL CITY/BALANCE STATUS	104 - 104

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

1   PRINCIPAL CITY
2   BALANCE
3   NONMETROPOLITAN
4   NOT IDENTIFIED

NAME	SIZE	DESCRIPTION	LOCATION
GTMETSTA	1	METROPOLITAN STATUS	105 - 105

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

1   METROPOLITAN
2   NONMETROPOLITAN
3   NOT IDENTIFIED

NAME	SIZE	DESCRIPTION	LOCATION

GTINDVPC   1   INDIVIDUAL PRINCIPAL CITY   106 - 106

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

0   NOT IDENTIFIED, NONMETROPOLITAN,
      or NOT A CENTRAL CITY

1-7   SPECIFIC PRINCIPAL CITY CODE
      (SEE GEOGRAPHIC ATTACHMENT)
      NOTE: WHENEVER POSSIBLE THIS
      CODE IDENTIFIES SPECIFIC PRINCIPAL
      CITIES IN A METROPOLITAN AREA THAT
      HAS MULTIPLE PRINCIPAL CITIES. THIS
      CODE MUST BE USED IN COMBINATION
      WITH THE CBSA FIPS CODE (GTCBSA)
      IN ORDER TO UNIQUELY IDENTIFY A
      SPECIFIC CITY.

GTCBSASZ   1   Metropolitan Area (CBSA) SIZE   107 - 107

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

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
GTCSA	3	Consolidated Statistical Area (CSA) FIPS CODE	108-110

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

<u>VALID ENTRIES</u>

000	NOT IDENTIFIED OR NONMETROPOLITAN
118	MIN VALUE
720	MAX VALUE

SPECIFIC CSA CODE
(SEE GEOGRAPHIC ATTACHMENT)

FILLER	3	FILLER	111 - 113

A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS

NAME	SIZE	DESCRIPTION	LOCATION
PROLDRRP	2	RELATIONSHIP TO REFERENCE PERSON (RECODE) Eliminated February 2005	114 - 115

EDITED UNIVERSE:
PRPERTYP = 1, 2, OR 3

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

```
********************************
*    STARTING FEBRUARY 2005        *
********************************
```

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2	FILLER	114 - 115
PUPELIG	2	INTERVIEW STATUS OF EACH PERSON IN THE HOUSEHOLD	116 - 117

VALID ENTRIES

1   ELIGIBLE FOR INTERVIEW
2   LABOR FORCE FULLY COMPLETE
3   MISSING LABOR FORCE DATA FOR PERSON
4   (NOT USED)
5   ASSIGNED IF AGE IS BLANK
6   ARMED FORCES MEMBER
7   UNDER 15 YEARS OLD

NAME	SIZE	DESCRIPTION	LOCATION

8   NOT A HH MEMBER
9   DELETED
10   DECEASED
11   END OF LIST
12   AFTER END OF LIST

PERRP   2   RELATIONSHIP TO REFERENCE PERSON   118 - 119

EDITED UNIVERSE:
PRPERTYP = 1, 2, OR 3

VALID ENTRIES

EXPANDED RELATIONSHIP CATEGORIES
01   REFERENCE PERSON W/RELS.
02   REFERENCE PERSON W/O RELS.
03   SPOUSE
04   CHILD
05   GRANDCHILD
06   PARENT
07   BROTHER/SISTER
08   OTHER REL. OR REF. PERSON
09   FOSTER CHILD
10   NONREL. OF REF. PERSON W/RELS.
11   NOT USED
12   NONREL. OF REF. PERSON W/O RELS.
13   UNMARRIED PARTNER W/RELS.
14   UNMARRIED PARTNER W/OUT RELS.
15   HOUSEMATE/ROOMMATE W/RELS.
16   HOUSEMATE/ROOMMATE W/OUT RELS.
17   ROOMER/BOARDER W/RELS.
18   ROOMER/BOARDER W/OUT RELS.

SEE LOCATION 114 - 115 FOR THE
COLLAPSED VERSION

PEPARENT   2   LINE NUMBER OF PARENT   120 - 121

EDITED UNIVERSE:
EVERY PERSON

VALID ENTRIES

-1   NO PARENT
01   MIN VALUE
99   MAX VALUE

PEAGE	2	PERSONS AGE AS OF THE END OF SURVEY WEEK	122 - 123

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

VALID ENTRIES

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

PRTFAGE	1	TOP CODE FLAG FOR AGE	124 - 124

VALID ENTRIES

0	NO TOP CODE
1	TOP CODED VALUE FOR AGE

PEMARITL	2	MARITAL STATUS	125 - 126

EDITED UNIVERSE:
PEAGE >= 15

VALID ENTRIES

1	MARRIED - SPOUSE PRESENT
2	MARRIED - SPOUSE ABSENT
3	WIDOWED
4	DIVORCED
5	SEPARATED
6	NEVER MARRIED

PESPOUSE	2	LINE NUMBER OF SPOUSE	127 - 128

EDITED UNIVERSE:
PEMARITL = 1

VALID ENTRIES

-1	NO SPOUSE
01	MIN VALUE
99	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
PESEX	2	SEX	129 - 130

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

<u>VALID ENTRIES</u>

1   MALE
2   FEMALE

NAME	SIZE	DESCRIPTION	LOCATION
PEAFEVER	2	DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES?	131 - 132

<u>EDITED</u> UNIVERSE:
PEAGE >=17

<u>VALID ENTRIES</u>

1   YES
2   NO

****
*   STARTING AUGUST 2005   *
****

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2	FILLER	133 - 134
PEAFNOW	2	ARE YOU NOW IN THE ARMED FORCES	135 - 136

EDITED UNIVERSE:
PRPERTYP = 2 or 3

<u>VALID ENTRIES</u>

1   YES
2   NO

| PEEDUCA | 2 | HIGHEST LEVEL OF SCHOOL | 137 - 138 |
| | | COMPLETED OR DEGREE RECEIVED | |

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   141 - 142

EDITED UNIVERSE:
PEHSPNON = 1

<u>VALID ENTRIES</u>

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

PUCHINHH   2   CHANGE IN HOUSEHOLD COMPOSITION   143 - 144

<u>VALID ENTRIES</u>

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

FILLER   2   FILLER   145 - 146

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

VALID ENTRIES

| 01 | MIN VALUE |
| 99 | MAX VALUE |

| FILLER | 2 | FILLER | 149 - 150 |

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

EDITED UNIVERSE:
PRPERTYP = 1, 2, 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

| 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)

NAME	SIZE	DESCRIPTION	LOCATION
PRFAMTYP	2	FAMILY TYPE RECODE	155 - 156

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

<u>VALID ENTRIES</u>

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

| PEHSPNON | 2 | HISPANIC OR NON-HISPANIC | 157 - 158 |

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

<u>VALID ENTRIES</u>

1   HISPANIC
2   NON-HIPSANIC

| PRMARSTA | 2 | MARITAL STATUS BASED ON ARMED FORCES PARTICIPATION | 159 - 160 |

EDITED UNIVERSE:
PRPERTYP = 2 0R 3

<u>VALID ENTRIES</u>

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

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

EDITED UNIVERSE:
ALL HOUSEHOLD MEMBERS

<u>VALID ENTRIES</u>

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

PENATVTY 3 COUNTRY OF BIRTH 163 - 165

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

VALID ENTRIES

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

PEMNTVTY 3 MOTHER'S COUNTRY OF BIRTH 166 - 168
EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

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

PEFNTVTY 3 FATHER'S COUNTRY OF BIRTH 169 - 171

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

PRCITSHP 2 CITIZENSHIP STATUS 172 - 173

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

VALID ENTRIES

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

PRCITFLG 2 CITIZENSHIP ALLOCATION FLAG 174 - 175

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

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

PRINUSYR 2 IMMIGRANT'S YEAR OF ENTRY 176 - 177

EDITED UNIVERSE:
PRCITSHP = 2, 3, 4, OR 5

VALID ENTRIES

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

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16      1998-1999
17      2000-2001
18      2002-2003
19      2004-2005
18      2002-2003
19      2004-2005
20      2006-2007
21      2008-2010
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********************************
*     STARTING JANUARY 2011     *
********************************
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21      2008-2011
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```
********************************
*     STARTING JANUARY 2012     *
********************************
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21      2008-2009
22      2010-2012
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********************************
*     STARTING JANUARY 2013     *
********************************
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```
22      2010-2013
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A4. PERSONS INFORMATION LABOR FORCE ITEMS

NAME	SIZE	DESCRIPTION	LOCATION
PUSLFPRX	2	LABOR FORCE INFORMATION COLLECTED BY SELF OR PROXY RESPONSE	178 - 179

VALID ENTRIES

1   SELF
2   PROXY
3   BOTH SELF AND PROXY

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

EDITED UNIVERSE:
PRPERTYP = 2

VALID ENTRIES

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

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

VALID ENTRIES

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

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

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION
PUBUS2OT	2	DO YOU RECEIVE ANY PAYMENTS OR PROFITS FROM THE BUSINESS?	186 - 187

VALID ENTRIES

1   YES
2   NO

| PUBUSCK1 | 2 | CHECK ITEM 1 FILTER FOR QUESTIONS ON UNPAID WORK | 188 - 189 |

VALID ENTRIES

1   GOTO PUBUS1
2   GOTO PURETCK1

| PUBUSCK2 | 2 | CHECK ITEM 2 SKIPS OWNERS OF FAMILY BUSINESS WHO DID NOT WORK LAST WEEK | 190 - 191 |

VALID ENTRIES

1   GOTO PUHRUSL1
2   GOTO PUBUS2

| PUBUSCK3 | 2 | CHECK ITEM 3 | 192 - 193 |

VALID ENTRIES

1   GOTO PUABSRSN
2   GOTO PULAY

| PUBUSCK4 | 2 | CHECK ITEM 4 | 194 - 195 |

VALID ENTRIES

1   GOTO PUHRUSL1
2   GOTO PUABSPD

| PURETOT | 2 | RETIREMENT STATUS (LAST MONTH YOU WERE REPORTED TO BE RETIRED, ARE YOU STILL RETIRED THIS MONTH?) | 196 - 197 |

VALID ENTRIES

1   YES
2   NO
3   WAS NOT RETIRED LAST MONTH

NAME	SIZE	DESCRIPTION	LOCATION

PUDIS   2   DISABILITY STATUS   198 - 199
(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

PERET1   2   DO YOU CURRENTLY WANT A JOB, EITHER   200 - 201
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

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

VALID ENTRIES

1   YES
2   NO

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

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION

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

                <u>VALID ENTRIES</u>

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

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

                <u>VALID ENTRIES</u>

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

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

                EDITED UNIVERSE:
                PEMLR = 2

                <u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

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

EDITED UNIVERSE:
PEABSRSN = 4-12, 14

VALID ENTRIES

1   YES
2   NO

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

EDITED UNIVERSE:
PEMLR = 1, 2

VALID ENTRIES

1   YES
2   NO

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

EDITED UNIVERSE:
PEMJOT = 1

VALID ENTRIES

2   2 JOBS
3   3 JOBS
4   4 OR MORE JOBS

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

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

VALID ENTRIES

-4   HOURS VARY
0   MIN VALUE
99   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION

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

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

VALID ENTRIES

-4 HOURS VARY
0 MIN VALUE
99 MAX VALUE

PEHRFTPT 2 DO YOU USUALLY WORK 35 HOURS OR 222 - 223
MORE PER WEEK?

EDITED UNIVERSE:
PEHRUSL1 = -4 OR PEHRUSL2 = -4

VALID ENTRIES

1 YES
2 NO
3 HOURS VARY

PEHRUSLT 3 SUM OF HRUSL1 AND HRUSL2. 224 - 226

EDITED UNIVERSE:
PEMLR = 1 OR 2

VALID ENTRIES

-4 VARIES
0 MIN VALUE
198 MAX VALUE

PEHRWANT 2 DO YOU WANT TO WORK A FULL-TIME 227 - 228
WORKWEEK OF 35 HOURS OR MORE PER WEEK?

EDITED UNIVERSE:
PEMLR = 1 AND
(PEHRUSLT = 0-34 PEHRFTPT = 2)

VALID ENTRIES

1 YES
2 NO
3 REGULAR HOURS ARE FULL-TIME

NAME	SIZE	DESCRIPTION	LOCATION
PEHRRSN1	2	WHAT IS YOUR MAIN REASON FOR WORKING PART-TIME?	229 - 230

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

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
PEHRRSN2	2	WHAT IS THE MAIN REASON YOU DO NOT WANT TO WORK FULL-TIME?	231 - 232

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

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

PEHRRSN3   2   WHAT IS THE MAIN REASON YOU WORKED   233 - 234
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

PUHROFF1   2   LAST WEEK, DID YOU LOSE OR TAKE   235 - 236
OFF ANY HOURS FROM YOUR JOB, FOR
ANY REASON SUCH AS ILLNESS, SLACK WORK,
VACATION, OR HOLIDAY?

VALID ENTRIES

1	YES
2	NO

PUHROFF2   2   HOW MANY HOURS DID YOU TAKE OFF?   237 - 238

VALID ENTRIES

0	MIN VALUE
99	MAX VALUE

PUHROT1   2   LAST WEEK, DID YOU WORK ANY   239 - 240
OVERTIME OR EXTRA HOURS (AT YOUR
MAIN JOB) THAT YOU DO NOT USUALLY
WORK?

VALID ENTRIES

1	YES
2	NO

NAME	SIZE	DESCRIPTION	LOCATION

PUHROT2   2   HOW MANY ADDITIONAL HOURS   241 - 242
DID YOU WORK?

VALID ENTRIES

0   MIN VALUE
99   MAX VALUE

PEHRACT1   2   LAST WEEK, HOW MANY HOURS DID YOU   243 - 244
ACTUALLY WORK AT YOUR JOB?

EDITED UNIVERSE:
PEMLR = 1

VALID ENTRIES

0   MIN VALUE
99   MAX VALUE

PEHRACT2   2   LAST WEEK, HOW MANY HOURS DID   245 - 246
YOU ACTUALLY WORK AT YOUR OTHER
(JOB/JOBS)

EDITED UNIVERSE:
PEMLR = 1 AND PEMJOT = 1

VALID ENTRIES

0   MIN VALUE
99   MAX VALUE

PEHRACTT   3   SUM OF PEHRACT1 AND PEHRACT2.   247 - 249

EDITED UNIVERSE:
PEMLR = 1

VALID ENTRIES

0   MIN VALUE
198   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION

PEHRAVL 2 LAST WEEK, COULD YOU HAVE WORKED 250 - 251
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

FILLER 5 FILLER 252 - 256

PUHRCK1 2 CHECK ITEM 1 257 - 258

<u>VALID ENTRIES</u>

1 GOTO PUHRUSL2
2 GOTO PUHRUSLT

PUHRCK2 2 CHECK ITEM 2 259 - 260
SKIPS PERSONS RESPONDING YES TO
HRFTPT OUT OF PT SERIES

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK3	2	CHECK ITEM 3	261 - 262

VALID ENTRIES

1   IF ENTRY OF 1 IN ABSOT OR
(ENTRY OR 2 IN ABSOT AND
ENTRY OF 1 IN BUS AND CURRENT
R_P EQUALS BUSLST) THEN GOTO HRCK8

2   IF ENTRY OF 3 IN RET1 GOTO HRCK8

3   IF ENTRY IN HRUSLT IS 0-34 HOURS
GOTO HRCK4-C

4   IF ENTRY IN HRUSLT IS 35+ GOTO HROFF1

5   ALL OTHERS GOTO HRCK4-C

6   GOTO PUHRCK4

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK4	2	CHECK ITEM 4	263 - 264

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

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK5	2	CHECK ITEM 5	265 - 266

VALID ENTRIES

1   IF ENTRY OF 1 IN MJOT GOTO HRACT2

2   ALL OTHERS GOTO HRCK6-C

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK7	2	CHECK ITEM 7	269 - 270

VALID ENTRIES

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

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

VALID ENTRIES

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

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

VALID ENTRIES

1   YES
2   NO

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

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION

PELAYAVL   2   COULD YOU HAVE RETURNED TO WORK   277 - 278
LAST WEEK IF YOU HAD BEEN RECALLED?

EDITED UNIVERSE:
PEMLR = 3

VALID ENTRIES

1   YES
2   NO

PULAYAVR   2   WHY IS THAT?   279 - 280

VALID ENTRIES

1   OWN TEMPORARY ILLNESS
2   GOING TO SCHOOL
3   OTHER

PELAYLK   2   EVEN THOUGH YOU ARE TO BE CALLED BACK   281 - 282
TO WORK, HAVE YOU BEEN LOOKING FOR
WORK DURING THE LAST 4 WEEKS.

EDITED UNIVERSE:
PELAYAVL= 1, 2

VALID ENTRIES

1   YES
2   NO

PELAYDUR   3   DURATION OF LAYOFF   283 - 285

EDITED UNIVERSE:
PELAYLK = 1, 2

VALID ENTRIES

1   MIN VALUE
260   MAX VALUE

PELAYFTO   2   FT/PT STATUS OF JOB FROM WHICH   286 - 287
SAMPLE PERSON WAS ON LAYOFF FROM

EDITED UNIVERSE:
PELAYDUR = 0-120

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION
PULAYCK1	2	CHECK ITEM 1	288 - 289

VALID ENTRIES

1   GOTO PULAYCK3
2   GOTO PULAYFT
3   GOTO PULAYDR

| PULAYCK2 | 2 | CHECK ITEM 2
SCREEN FOR DEPENDENT LAYOFF | 290 - 291 |

VALID ENTRIES

1   GOTO PULAYDR3
2   GOTO PULAYFT

| PULAYCK3 | 2 | CHECK ITEM 3
FILTER FOR DEPENDENT I & O | 292 - 293 |

VALID ENTRIES

1   MISCK = 5 GOTO IO1INT
2   I-ICR = 1 OR I-OCR = 1, GOTO IO1INT
3   ALL OTHERS GOTO SCHCK

| PULK | 2 | HAVE YOU BEEN DOING ANYTHING TO FIND
WORK DURING THE LAST 4 WEEKS? | 294 - 295 |

VALID ENTRIES

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

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

EDITED UNIVERSE:
PEMLR = 4

VALID ENTRIES

1   CONTACTED EMPLOYER DIRECTLY/
      INTERVIEW
2   CONTACTED PUBLIC EMPLOYMENT
      AGENCY

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

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

VALID ENTRIES

	1	CONTACTED EMPLOYER DIRECTLY/ INTERVIEW
	2	CONTACTED 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
PULKM3	2	SAME AS PULKM2 (THIRD METHOD)	300 - 301

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
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

NAME	SIZE	DESCRIPTION	LOCATION
PULKM5	2	SAME AS PULKM2 (FIFTH METHOD)	304 - 305

VALID ENTRIES

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

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

PULKDK1   2   YOU SAID YOU HAVE BEEN TRYING TO   308 - 309
FIND WORK. HOW DID YOU GO ABOUT
LOOKING?
(FIRST 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	
12	NOTHING	
13	OTHER PASSIVE	

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

<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	

NAME	SIZE	DESCRIPTION	LOCATION
PULKDK3	2	SAME AS PULKDK2 (THIRD METHOD)	312 - 313

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
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
10	LOOKED AT ADS
11	ATTENDED JOB TRAINING PROGRAMS/ COURSES
13	OTHER PASSIVE

NAME	SIZE	DESCRIPTION	LOCATION
PULKDK5	2	SAME AS PULKDK2 (FIFTH METHOD)	316 - 317

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

VALID ENTRIES

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

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

VALID ENTRIES

1   CONTACTED EMPLOYER DIRECTLY/ INTERVIEW
2   CONTACTED 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

NAME	SIZE	DESCRIPTION	LOCATION
PULKPS2	2	ANYTHING ELSE? (SECOND METHOD)	322 - 323

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

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
PULKPS4	2	SAME AS PULKPS2 (FOURTH METHOD)	326 - 327

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PULKPS6	2	SAME AS PULKPS2 (SIXTH METHOD)	330 - 331

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

PELKAVL   2   LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED?   332 - 333

EDITED UNIVERSE:
PELKM1 = 1 - 13

<u>VALID ENTRIES</u>

1   YES
2   NO

PULKAVR   2   WHY IS THAT?   334 - 335

<u>VALID ENTRIES</u>

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

PELKLL1O   2   BEFORE YOU STARTED LOOKING FOR WORK, WHAT WERE YOU DOING: WORKING, GOING TO SCHOOL, OR SOMETHING ELSE?   336 - 337

EDITED UNIVERSE:
PELKAVL = 1-2

<u>VALID ENTRIES</u>

1   WORKING
2   SCHOOL
3   LEFT MILITARY SERVICE
4   SOMETHING ELSE

PELKLL2O   2   DID YOU LOSE OR QUIT THAT JOB, OR WAS IT A TEMPORARY JOB THAT ENDED?   338 - 339

EDITED UNIVERSE:
PELKLL1O = 1 OR 3

<u>VALID ENTRIES</u>

1   LOST JOB
2   QUIT JOB
3   TEMPORARY JOB ENDED

NAME	SIZE	DESCRIPTION	LOCATION

PELKLWO 2 WHEN LAST WORKED 340 - 341
EDITED UNIVERSE:
PELKLL1O = 1 - 4

VALID ENTRIES

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

PELKDUR 3 DURATION OF JOB SEEKING 342 - 344

EDITED UNIVERSE:
PELKLWO = 1 - 3

VALID ENTRIES

0   MIN VALUE
999   MAX VALUE

PELKFTO 2 FT/PT STATUS OF JOBSEEKER 345 - 346

EDITED UNIVERSE:
PELKDUR = 0-120

VALID ENTRIES

1   YES
2   NO
3   DOESN'T MATTER

PEDWWNTO 2 DO YOU CURRENTLY WANT A JOB, 347 - 348
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

NAME	SIZE	DESCRIPTION	LOCATION

PEDWRSN   2   WHAT IS THE MAIN REASON YOU WERE NOT   349 - 350
LOOKING FOR WORK DURING THE
LAST 4 WEEKS?

    EDITED UNIVERSE:
    PUDWCK4 = 4, -1

    <u>VALID ENTRIES</u>

    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

PEDWLKO   2   DID YOU LOOK FOR WORK AT ANY TIME   351 - 352
IN THE LAST 12 MONTHS

    EDITED UNIVERSE:
    (PUDWCK4 = 1-3) or (PEDWRSN = 1-11)

    <u>VALID ENTRIES</u>

    1   YES
    2   NO

PEDWWK   2   DID YOU ACTUALLY WORK AT A JOB OR   353 - 354
BUSINESS DURING THE LAST 12 MONTHS?

    EDITED UNIVERSE:
    PEDWLKO = 1

    <u>VALID ENTRIES</u>

    1   YES
    2   NO

NAME	SIZE	DESCRIPTION	LOCATION

PEDW4WK   2   DID YOU DO ANY OF THIS WORK DURING   355 - 356
THE LAST 4 WEEKS?

EDITED UNIVERSE:
PEDWWK = 1

VALID ENTRIES

1   YES
2   NO

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

EDITED UNIVERSE:
PEDW4WK = 2

VALID ENTRIES

1   YES
2   NO

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

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

VALID ENTRIES

1   YES
2   NO

PEDWAVR   2   WHY IS THAT?   361 - 362

EDITED UNIVERSE:
PEDWAVL = 2

VALID ENTRIES

1   OWN TEMPORARY ILLNESS
2   GOING TO SCHOOL
3   OTHER

NAME	SIZE	DESCRIPTION	LOCATION
PUDWCK1	2	SCREEN FOR DISCOURAGED WORKERS	363 - 364

VALID ENTRIES

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

| PUDWCK2 | 2 | SCREEN FOR DISABLED | 365 - 366 |

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

| PUDWCK3 | 2 | FILTER FOR RETIRED | 367 - 368 |

VALID ENTRIES

1   IF AGERNG EQUALS 1-4 OR 9 GOTO PUDWCK4
2   ALL OTHERS GOTO PUNLFCK2

| PUDWCK4 | 2 | FILTER FOR PASSIVE JOB SEEKERS | 369 - 370 |

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

| PUDWCK5 | 2 | FILTER FOR PASSIVE JOB SEEKERS | 371 - 372 |

VALID ENTRIES

1   IF ENTRY OF 1 IN LK THEN STORE 1 IN DWLKO AND GOTO PUDWWK
2   ALL OTHERS GOTO PUDWLK

NAME	SIZE	DESCRIPTION	LOCATION
PEJHWKO	2	HAVE YOU WORKED AT A JOB OR BUSINESS AT ANY TIME DURING THE PAST 12 MONTHS?	373 - 374

EDITED UNIVERSE:
HRMIS = 4 or 8 AND PEMLR = 5, 6, AND 7

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION
PUJHDP1O	2	DID YOU DO ANY OF THIS WORK IN THE LAST 4 WEEKS?	375 - 376

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION
PEJHRSN	2	WHAT IS THE MAIN REASON YOU LEFT YOUR LAST JOB?	377 - 378

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

NAME	SIZE	DESCRIPTION	LOCATION
PEJHWANT	2	DO YOU INTEND TO LOOK FOR WORK DURING THE NEXT 12 MONTHS?	379 - 380

EDITED UNIVERSE:
(PEJHWKO = 2) or (PEJHRSN = 1-8)

VALID ENTRIES

1   YES, OR IT DEPENDS
2   NO

NAME	SIZE	DESCRIPTION	LOCATION
PUJHCK1	2	FILTER FOR OUTGOING ROTATIONS	381 - 382

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

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

NAME	SIZE	DESCRIPTION	LOCATION
PRABSREA	2	REASON NOT AT WORK AND PAY STATUS	385 - 386

EDITED UNIVERSE:
PEMLR = 2

VALID ENTRIES

1   FT PAID-VACATION
2   FT PAID-OWN ILLNESS
3   FT PAID-CHILD CARE PROBLEMS
4   FT PAID-OTHER FAMILY/
PERSONAL OBLIG.

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

PRCIVLF   2   CIVILIAN LABOR FORCE   387 - 388

EDITED UNIVERSE:
PEMLR = 1-7

VALID ENTRIES

01   IN CIVILIAN LABOR FORCE
02   NOT IN CIVILIAN LABOR FORCE

NAME	SIZE	DESCRIPTION	LOCATION
PRDISC	2	DISCOURAGED WORKER RECODE	389 - 390

EDITED UNIVERSE:
PRJOBSEA = 1-4

VALID ENTRIES

1	DISCOURAGED WORKER
2	CONDITIONALLY INTERESTED
3	NOT AVAILABLE

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-CIVIC/MILITARY DUTY
10	W/JOB, NOT AT WORK-DOES NOT WORK IN BUS
11	W/JOB, NOT AT WORK-OTHER
12	AT WORK- 1-4 HRS
13	AT WORK- 5-14 HRS
14	AT WORK- 15-21 HRS
15	AT WORK- 22-29 HRS
16	AT WORK- 30-34 HRS
17	AT WORK- 35-39 HRS
18	AT WORK- 40 HRS
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

NAME	SIZE	DESCRIPTION	LOCATION
PREXPLF	2	EXPERIENCED LABOR FORCE EMPLOYMENT	395 - 396

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

VALID ENTRIES

1   EMPLOYED
2   UNEMPLOYED

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION

PRJOBSEA   2   JOB SEARCH RECODE   401 - 402

EDITED UNIVERSE:
PRWNTJOB = 1

VALID ENTRIES

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

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

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PRPTREA	2	DETAILED REASON FOR PART-TIME	405 - 406

EDITED UNIVERSE:
PEMLR = 1 AND
(PEHRUSLT = 0-34 OR PEHRACTT = 1-34)

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
PRUNEDUR	3	DURATION OF UNEMPLOYMENT FOR LAYOFF AND LOOKING RECORDS	407 - 409

EDITED UNIVERSE:
PEMLR = 3-4

<u>VALID ENTRIES</u>

0	MIN VALUE
999	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2	FILLER	410 - 411
PRUNTYPE	2	REASON FOR UNEMPLOYMENT	412 - 413

EDITED UNIVERSE:
PEMLR = 3-4

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PRWKSCH	2	LABOR FORCE BY TIME WORKED OR LOST	414 - 415

EDITED UNIVERSE:
PEMLR = 1 - 7

VALID ENTRIES

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

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

EDITED UNIVERSE:
PEMLR = 1-7

VALID ENTRIES

1	NOT IN LABOR FORCE
2	FT HOURS (35+), USUALLY FT
3	PT FOR ECONOMIC REASONS, USUALLY FT
4	PT FOR NON-ECONOMIC REASONS, USUALLY FT
5	NOT AT WORK, USUALLY FT
6	PT HRS, USUALLY PT FOR ECONOMIC REASONS

	7	PT HRS, USUALLY PT FOR NON-ECONOMIC REASONS	
	8	FT HOURS, USUALLY PT FOR ECONOMIC REASONS	
	9	FT HOURS, USUALLY PT FOR NON-ECONOMIC	
	10	NOT AT WORK, USUALLY PART-TIME	
	11	UNEMPLOYED FT	
	12	UNEMPLOYED PT	

PRWNTJOB   2   NILF RECODE - WANT A JOB OR OTHER NILF   418 - 419

EDITED UNIVERSE:
PEMLR = 5-7

<u>VALID ENTRIES</u>

1   WANT A JOB
2   OTHER NOT IN LABOR FORCE

PUJHCK3   2   JOB HISTORY CHECK ITEM   420 - 421

<u>VALID ENTRIES</u>

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

PUJHCK4   2   SCREEN FOR DEPENDENT NILF   422 - 423

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
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

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

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION
PEIO1COW	2	INDIVIDUAL CLASS OF WORKER CODE ON FIRST JOB	432 - 433

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

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

<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

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

<u>VALID ENTRIES</u>

1	MANUFACTURING
2	RETAIL TRADE
3	WHOLESALE TRADE
4	SOMETHING ELSE

NAME	SIZE	DESCRIPTION	LOCATION
PADDING	6	Main Job I & O Codes moved to columns 856 - 863	436 - 441

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

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

VALID ENTRIES

1	GOVERNMENT - FEDERAL
2	GOVERNMENT - STATE
3	GOVERNMENT - LOCAL
4	PRIVATE, FOR PROFIT
5	PRIVATE, NONPROFIT
6	SELF-EMPLOYED, INCORPORATED
7	SELF-EMPLOYED, UNINCORPORATED
8	WITHOUT PAY
9	UNKNOWN
10	GOVERNMENT, LEVEL UNKNOWN
11	SELF-EMPLOYED, INCORP. STATUS UNKNOWN

NAME	SIZE	DESCRIPTION	LOCATION
PUIO2MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE?	444 - 445

VALID ENTRIES

1	MANUFACTURING
2	RETAIL TRADE
3	WHOLESALE TRADE
4	SOMETHING ELSE

NAME	SIZE	DESCRIPTION	LOCATION
PADDING	6	Second Job I & O codes moved to columns 864 - 871	446 - 451

NAME	SIZE	DESCRIPTION	LOCATION

PUIOCK1   2   I & O CHECK ITEM 1   452 - 453
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

PUIOCK2   2   I & O CHECK ITEM 2   454 - 455
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

PUIOCK3   2   I & O CHECK ITEM 3   456 - 457

    <u>VALID ENTRIES</u>
    1   IF I-IO1OCC EQUALS D, R OR BLANK
        THEN GOTO PUIO1OCC
    2   IF I-IO1DT1 IS D, R OR BLANK THEN
        GOTO PUIO1OCC
    3   ALL OTHERS GOTO PUIODP3

NAME	SIZE	DESCRIPTION	LOCATION
PRIOELG	2	INDUSTRY AND OCCUPATION ELIGIBILITY FLAG	458 - 459

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

VALID ENTRIES

0   NOT ELIGIBLE FOR EDIT
1   ELIGIBLE FOR EDIT

NAME	SIZE	DESCRIPTION	LOCATION
PRAGNA	2	AGRICULTURE/ NON-AGRICULTURE INDUSTRY	460 - 461

EDITED UNIVERSE:
PRIOELG = 1

VALID ENTRIES

1   AGRICULTURAL
2   NON-AGRICULTURAL

NAME	SIZE	DESCRIPTION	LOCATION
PRCOW1	2	CLASS OF WORKER RECODE - JOB 1	462 - 463

EDITED UNIVERSE:
PRIOELG = 1

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

PRCOW2   2   CLASS OF WORKER   464 - 465
RECODE - JOB 2

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

VALID ENTRIES

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

PRCOWPG   2   COW - PRIVATE OR GOVERNMENT   466 - 467

EDITED UNIVERSE:
PEIO1COW = 1 - 5

VALID ENTRIES

1   PRIVATE
2   GOVERNMENT

PRDTCOW1   2   DETAILED CLASS OF WORKER RECODE - JOB 1   468 - 469

EDITED UNIVERSE:
PRIOELG = 1

VALID ENTRIES

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

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

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

EDITED UNIVERSE:
PRIOELG = 1

VALID ENTRIES

1 Agriculture
2 Forestry, logging, fishing, hunting, and trapping
3 Mining
4 Construction
5 Nonmetallic mineral product manufacturing
6 Primary metals and fabricated metal products
7 Machinery manufacturing
8 Computer and electronic product manufacturing
9 Electrical equipment, appliance manufacturing
10 Transportation equipment manufacturing
11 Wood products
12 Furniture and fixtures manufacturing
13 Miscellaneous and not specified manufacturing
14 Food manufacturing
15 Beverage and tobacco products
16 Textile, apparel, and leather manufacturing
17 Paper and printing
18 Petroleum and coal products manufacturing

19	Chemical manufacturing	
20	Plastics and rubber products	
21	Wholesale trade	
22	Retail trade	
23	Transportation and warehousing	
24	Utilities	
25	Publishing industries (except internet)	
26	Motion picture and sound recording industries	
27	Broadcasting (except internet)	
28	Internet publishing and broadcasting	
29	Telecommunications	
30	Internet service providers and data processing services	
31	Other information services	
32	Finance	
33	Insurance	
34	Real estate	
35	Rental and leasing services	
36	Professional and technical services	
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

<u>VALID ENTRIES</u>

1   Agriculture
2   Forestry, logging, fishing, hunting, and trapping
3   Mining
4   Construction
5   Nonmetallic mineral product manufacturing
6   Primary metals and fabricated metal products
7   Machinery manufacturing
8   Computer and electronic product manufacturing
9   Electrical equipment, appliance manufacturing
10   Transportation equipment manufacturing
11   Wood products
12   Furniture and fixtures manufacturing
13   Miscellaneous and not specified manufacturing
14   Food manufacturing
15   Beverage and tobacco products
16   Textile, apparel, and leather manufacturing
17   Paper and printing
18   Petroleum and coal products manufacturing
19   Chemical manufacturing
20   Plastics and rubber products
21   Wholesale trade
22   Retail trade
23   Transportation and warehousing
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	
	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
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	480 - 481

EDITED UNIVERSE:
PEMLR = 1 OR 2
AND PEIO1OCD ne 403-407, 473-484

<u>VALID ENTRY</u>

   1   EMPLOYED PERSONS (EXC. FARM & PRIV HH)

| PRMJIND1 | 2 | MAJOR INDUSTRY RECODE - JOB 1 | 482 - 483 |

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

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

EDITED UNIVERSE:
PRDTIND2 = 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

PRMJOCC1   2   MAJOR OCCUPATION RECODE - JOB 1   486 - 487

EDITED UNIVERSE:
PRDTOCC1 = 1-46

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PRMJOCC2	2	MAJOR OCCUPATION RECODE - JOB 2	488 - 489

EDITED UNIVERSE:
PRDTOCC2 = 1-46

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PRMJOCGR	2	MAJOR OCCUPATION CATEGORIES	490 - 491

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

NAME	SIZE	DESCRIPTION	LOCATION
PRNAGPWS	2	NON-AGRICULTURE, PRIVATE WAGE AND SALARY WORKERS RECODE	492 - 493

EDITED UNIVERSE:
PRCOW1 = 1 AND PEIO1ICD ne 0170 - 0890

<u>VALID ENTRY</u>

1   NON-AG PRIV WAGE & SALARY

| PRNAGWS | 2 | NON-AGRICULTURE WAGE AND SALARY WORKERS RECODE | 494 - 495 |

EDITED UNIVERSE:
PEMLR = 1-4
AND PRCOW = 1-4 AND PEIO1ICD ne 0170-0290

<u>VALID ENTRY</u>

1   NON-AG WAGE AND SALARY WORKERS

| PRSJMJ | 2 | SINGLE/MULTIPLE JOBHOLDER | 496 - 497 |

EDITED UNIVERSE:
PEMLR = 1 OR 2

<u>VALID ENTRIES</u>

1   SINGLE JOBHOLDER
2   MULTIPLE JOBHOLDER

| PRERELG | 2 | EARNINGS ELIGIBILITY FLAG | 498 - 499 |

EDITED UNIVERSE:
PEMLR = 1-2 AND HRMIS = 4 OR 8

<u>VALID ENTRIES</u>

0   NOT ELIGIBLE FOR EDIT
1   ELIGIBLE FOR EDIT

NAME	SIZE	DESCRIPTION	LOCATION

PEERNUOT   2   DO YOU USUALLY RECEIVE OVERTIME PAY,   500 - 501
TIPS, OR COMMISSIONS AT YOUR JOB?

EDITED UNIVERSE:
PRERELG = 1

<u>VALID ENTRIES</u>

1   YES
2   NO

PEERNPER   2   PERIODICITY   502 - 503

EDITED UNIVERSE:
PRERELG = 1

<u>VALID ENTRIES</u>

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

PEERNRT   2   (EVEN THOUGH YOU TOLD ME IT IS EASIER   504 - 505
TO REPORT YOUR EARNINGS (PERIODICITY);
ARE YOU PAID AT AN HOURLY RATE ON
YOUR (MAIN/THIS) JOB?

EDITED UNIVERSE:
PEERNPER = 2-7

<u>VALID ENTRIES</u>

1   YES
2   NO

PEERNHRY   2   HOURLY/NONHOURLY STATUS   506 - 507

EDITED UNIVERSE:
PRERELG = 1

<u>VALID ENTRIES</u>

1   HOURLY WORKER
2   NONHOURLY WORKER

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	508 - 511

VALID ENTRIES

   0   MIN VALUE
   9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PUERNHIC < or = 2884.61)

| 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 | 512 - 515 |

VALID ENTRIES

   0   MIN VALUE
   9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNH2 < or = 2884.61)

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

VALID ENTRIES

   0   MIN VALUE
   9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)

NAME	SIZE	DESCRIPTION	LOCATION

PRERNHLY   4   RECODE FOR HOURLY RATE   520 - 523
                         2 IMPLIED DECIMALS

                         EDITED UNIVERSE:
                         PEERNPER = 1 OR PEERNRT = 1

                         <u>VALID ENTRIES</u>

                         0   MIN VALUE
                         9999   MAX VALUE (Subject to topcoding based
                                      on the entry in PEERNHRO such
                                      that PEERNHRO x PEERNHLY
                                      < or = 2884.61)

PTHR   1   HOURLY PAY - TOP CODE   524 - 524

                         <u>VALID ENTRIES</u>

                         0   NOT TOPCODED
                         1   TOPCODED

PEERNHRO   2   USUAL HOURS   525 - 526

                         EDITED UNIVERSE:
                         PEERNH1O = ENTRY

                         <u>VALID ENTRIES</u>

                         0   MIN VALUE
                         99   MAX VALUE

PRERNWA   8   WEEKLY EARNINGS RECODE   527 - 534
                         2 IMPLIED DECIMALS

                         EDITED UNIVERSE:
                         PRERELG = 1

                         <u>VALID ENTRIES</u>

                         0   MIN VALUE
                         288461 MAX VALUE

PTWK   1   WEEKLY EARNINGS - TOP CODE   535 - 535

                         0   NOT TOPCODED
                         1   TOPCODED

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	4	FILLER	536 - 539
PEERN	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS	540 - 547

PEERN (continued):

EDITED UNIVERSE:
PEERNUOT = 1 AND PEERNPER = 1

VALID ENTRIES

0   MIN VALUE
288461 MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
PUERN2	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS	548 - 555

PUERN2 (continued):

VALID ENTRIES

0   MIN VALUE
288461 MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
PTOT	1	WEEKLY OVERTIME AMOUNT - TOP CODE	556 - 556

PTOT (continued):

VALID ENTRIES

0   NOT TOPCODED
1   TOPCODED

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2	FILLER	557 - 558
PEERNWKP	2	HOW MANY WEEKS A YEAR DO YOU GET PAID FOR?	559 - 560

PEERNWKP (continued):

EDITED UNIVERSE:
PEERNPER = 6

VALID ENTRIES

01   MIN VALUE
52   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION

PEERNLAB   2   ON THIS JOB, ARE YOU A MEMBER OF A   561 - 562
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

PEERNCOV   2   ON THIS JOB ARE YOU COVERED BY A UNION   563 - 564
OR EMPLOYEE ASSOCIATION CONTRACT?

EDITED UNIVERSE:
(PEIO1COW = 1-5 AND PEMLR = 1-2
AND HRMIS = 4, 8)

VALID ENTRIES

1   YES
2   NO

PENLFJH   2   WHEN DID YOU LAST WORK AT A JOB   565 - 566
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

PENLFRET   2   ARE YOU RETIRED FROM A JOB   567 - 568
OR BUSINESS?

EDITED UNIVERSE:
PEAGE = 50+ AND PEMLR = 3-7

VALID ENTRIES

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION

PENLFACT   2   WHAT BEST DESCRIBES YOUR SITUATION AT   569 - 570
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

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

VALID ENTRIES

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

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

VALID ENTRIES

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

PESCHENR   2   LAST WEEK, WERE YOU ENROLLED IN A   575 - 576
HIGH SCHOOL, COLLEGE, OR UNIVERSITY?

EDITED UNIVERSE:
PRPERTYP = 2 and PEAGE = 16-24

VALID ENTRIES

1   YES
2   NO

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

EDITED UNIVERSE:
PESCHLVL = 1, 2

<u>VALID ENTRIES</u>

1   FULL-TIME
2   PART-TIME

NAME	SIZE	DESCRIPTION	LOCATION
PESCHLVL	2	WOULD THAT BE HIGH SCHOOL, COLLEGE, OR UNIVERSITY?	579 - 580

EDITED UNIVERSE:
PESCHENR = 1

<u>VALID ENTRIES</u>

1   HIGH SCHOOL
2   COLLEGE OR UNIVERSITY

NAME	SIZE	DESCRIPTION	LOCATION
PRNLFSCH	2	NLF ACTIVITY - IN SCHOOL OR NOT IN SCHOOL	581 - 582

EDITED UNIVERSE:
PENLFACT = -1 OR 1-6 AND PEAGE = 16-24

<u>VALID ENTRIES</u>

1   IN SCHOOL
2   NOT IN SCHOOL

****
*   PERSON'S WEIGHTS   *
****

NAME	SIZE	DESCRIPTION	LOCATION
PWFMWGT	10	FAMILY WEIGHT (4 IMPLIED DECIMALS) ONLY USED FOR TALLYING FAMILY CHARACTERISTICS.	583 - 592

EDITED UNIVERSE:
PRPERTYP = 1-3

NAME	SIZE	DESCRIPTION	LOCATION
PWLGWGT	10	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	633-634

EDITED UNIVERSE:
PRFAMREL = 1 or 2

VALID ENTRIES

-1   NIU (Not a parent)
 0   No own children under 18 years of age
 1   All own children 0- 2 years of age
 2   All own children 3- 5 years of age
 3   All own children 6-13 years of age
 4   All own children 14-17 years of age
 5   Own children 0- 2 and 3-5 years of age (none 6-17)
 6   Own children 0- 2 and 6-13 years of age (none 3- 5 or 14-17)
 7   Own children 0- 2 and 14-17 years of age (none 3-13)
 8   Own children 3- 5 and 6-13 years of age (none 0- 2 or 14-17)
 9   Own children 3- 5 and 14-17 years of age (none 0- 2 or 6-13)
10   Own children 6-13 and 14-17 years of age (none 0- 5)
11   Own children 0- 2, 3- 5, and 6-13 years of age (none 14-17)
12   Own children 0- 2, 3- 5, and 14-17 years of age (none 6-13)
13   Own children 0- 2, 6-13, and 14-17 years of age (none 3- 5)
14   Own children 3- 5, 6-13, and 14-17 years of age (none 0- 2)
15   Own children from all age groups

NAME	SIZE	DESCRIPTION	LOCATION
PRNMCHLD	2	NUMBER OF OWN CHILDREN <18 YEARS OF AGE	635-636

EDITED UNIVERSE:
PRFAMREL = 1 or 2

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2	FILLER	637 - 638

NAME	SIZE	DESCRIPTION	LOCATION

ALLOCATION FLAGS

NAME	SIZE	DESCRIPTION	LOCATION
PRWERNAL	2	ALLOCATION FLAG WEEKLY EARNINGS RECODE (PRERNWA) ALLOCATION FLAG	639 - 640

EDITED UNIVERSE:
PRERELG = 1

00	NO ALLOCATION
01	ONE OR MORE COMPONENTS OF THE RECODE ARE ALLOCATED

NAME	SIZE	DESCRIPTION	LOCATION
PRHERNAL	2	ALLOCATION FLAG	641 - 642

HOURLY EARNINGS RECODE (PRERNHLY)
ALLOCATION FLAG

EDITED UNIVERSE:
PRERNHRY = 1

00	NO ALLOCATION
01	ONE OR MORE COMPONENT OF THE RECODE ARE ALLOCATED

NAME	SIZE	DESCRIPTION	LOCATION
HXTENURE	2	ALLOCATION FLAG See HETENURE note.	643 - 644
HXHOUSUT	2	ALLOCATION FLAG	645 - 646
HXTELHHD	2	ALLOCATION FLAG	647 - 648
HXTELAVL	2	ALLOCATION FLAG	649 - 650
HXPHONEO	2	ALLOCATION FLAG	651 - 652
PXINUSYR	2	ALLOCATION FLAG	653 - 654
PXRRP	2	ALLOCATION FLAG	655 - 656
PXPARENT	2	ALLOCATION FLAG	657 - 658
PXAGE	2	ALLOCATION FLAG	659 - 660
PXMARITL	2	ALLOCATION FLAG	661 - 662
PXSPOUSE	2	ALLOCATION FLAG	663 - 664

NAME	SIZE	DESCRIPTION	LOCATION
PXSEX	2	ALLOCATION FLAG	665 - 666
PXAFWHN1	2	ALLOCATION FLAG	667 - 668
PXAFNOW	2	ALLOCATION FLAG	669 - 670
PXEDUCA	2	ALLOCATION FLAG	671 - 672
PXRACE1	2	ALLOCATION FLAG	673 - 674
PXNATVTY	2	ALLOCATION FLAG	675 - 676
PXMNTVTY	2	ALLOCATION FLAG	677 - 678
PXFNTVTY	2	ALLOCATION FLAG	679 - 680
FILLER	2	FILLER	681 - 682
PXHSPNON	2	ALLOCATION FLAG	683 - 684
PXMLR	2	ALLOCATION FLAG	685 - 686
PXRET1	2	ALLOCATION FLAG	687 - 688
PXABSRSN	2	ALLOCATION FLAG	689 - 690
PXABSPDO	2	ALLOCATION FLAG	691 - 692
PXMJOT	2	ALLOCATION FLAG	693 - 694
PXMJNUM	2	ALLOCATION FLAG	695 - 696
PXHRUSL1	2	ALLOCATION FLAG	697 - 698
PXHRUSL2	2	ALLOCATION FLAG	699 - 700
PXHRFTPT	2	ALLOCATION FLAG	701 - 702
PXHRUSLT	2	ALLOCATION FLAG	703 - 704
PXHRWANT	2	ALLOCATION FLAG	705 - 706
PXHRRSN1	2	ALLOCATION FLAG	707 - 708
PXHRRSN2	2	ALLOCATION FLAG	709 - 710
PXHRACT1	2	ALLOCATION FLAG	711 - 712

NAME	SIZE	DESCRIPTION	LOCATION
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
PXDWLKWK	2	ALLOCATION FLAG	753 - 754
PXDWAVL	2	ALLOCATION FLAG	755 - 756
PXDWAVR	2	ALLOCATION FLAG	757 - 758
PXJHWKO	2	ALLOCATION FLAG	759 - 760

NAME	SIZE	DESCRIPTION	LOCATION
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
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

NAME	SIZE	DESCRIPTION	LOCATION
PXSCHFT	2	ALLOCATION FLAG	811 - 812
PXSCHLVL	2	ALLOCATION FLAG	813 - 814
QSTNUM	5	UNIQUE HOUSEHOLD IDENTIFIER. VALID ONLY WITHIN ANY SPECIFIC MONTH.	815 - 819
OCCURNUM	2	UNIQUE PERSON IDENTIFIER. VALID ONLY WITHIN ANY SPECIFIC MONTH.	820 - 821
PEDIPGED	2	HOW DID...GET...'S HIGH SCHOOL DIPLOMA?	822 - 823

EDITED UNIVERSE:
PEEDUCA = 39

VALID ENTRIES

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

| PEHGCOMP | 2 | WHAT WAS THE HIGHEST GRADE OF REGULAR SCHOOL...COMPLETED BEFORE RECEIVING…'S GED? | 824 - 825 |

EDITED UNIVERSE:
PEDIPGED = 2

VALID ENTRIES

-1   Not in universe
1   Less than 1st grade
2   1st, 2nd, 3rd, or 4th grade
3   5th or 6th grade
4   7th or 8th grade
5   9th grade
6   10th grade
7   11th grade
8   12th grade (no diploma)

NAME	SIZE	DESCRIPTION	LOCATION

PECYC   2   HOW MANY YEARS OF COLLEGE CREDIT
HAS...COMPLETED?   826 - 827

EDITED UNIVERSE:
PEEDUCA =40-42

<u>VALID ENTRIES</u>

-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

PEGRPROF   2   SINCE COMPLETING...BACHELOR'S DEGREE, HAVE
YOU TAKEN ANY GRADUATE OR PROFESSIONAL   828 - 829
SCHOOL COURSES FOR CREDIT?

EDITED UNIVERSE:
PEEDUCA = 43

<u>VALID ENTRIES</u>

-1   Not in universe
1   Yes
2   No

PEGR6COR   2   DID...COMPLETE 6 OR MORE GRADUATE OR   830 - 831
PROFESSIONAL SCHOOL COURSES?

EDITED UNIVERSE:
PEGRPROF = 1

<u>VALID ENTRIES</u>

-1   Not in universe
1   Yes
2   No

NAME	SIZE	DESCRIPTION	LOCATION
PEMS123	2	WAS ... MASTER'S DEGREE PROGRAM A 1 YEAR, 2 YEAR, OR 3 YEAR PROGRAM?	832 - 833

EDITED UNIVERSE:
PEEDUCA = 44

VALID ENTRIES

-1   Not in universe
 1   1 year program
 2   2 year program
 3   3 year program

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)	846 - 855

EDITED UNIVERSE:
PRPERTYP = 2 AND PEAGE = 16+

PEIO1ICD	4	INDUSTRY CODE FOR PRIMARY JOB	856 - 859

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

VALID ENTRIES

0   MIN VALUE
9999   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
PEIO1OCD	4	OCCUPATION CODE FOR PRIMARY JOB.	860 - 863

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

VALID ENTRIES

0   MIN VALUE
9999   MAX VALUE

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

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

VALID ENTRIES

0   MIN VALUE
9999   MAX VALUE

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

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

VALID ENTRIES

0   MIN VALUE
9999   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
PRIMIND1	2	INTERMEDIATE INDUSTRY RECODE (JOB 1)	872 - 873

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

NAME	SIZE	DESCRIPTION	LOCATION
PRIMIND2	2	INTERMEDIATE INDUSTRY RECODE (JOB 2)	874 - 875

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

VALID ENTRIES

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

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

EDITED UNIVERSE:
PEAFEVER = 1

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
PEAFWHN2	2	WHEN DID YOU SERVE?	878 - 879

EDITED UNIVERSE:
PEAFEVER = 1

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
PEAFWHN3	2	WHEN DID YOU SERVE?	880 - 881

EDITED UNIVERSE:
PEAFEVER = 1

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PEAFWHN4	2	WHEN DID YOU SERVE?	882 - 883

EDITED UNIVERSE:
PEAFEVER = 1

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PXAFEVER	2	ALLOCATION FLAG	884 - 885

NAME	SIZE	DESCRIPTION	LOCATION
PELNDAD	2	LINE NUMBER OF FATHER	886 - 887

EDITED UNIVERSE:
ALL

VALID ENTRIES

-1	NO FATHER PRESENT
01	MIN VALUE
16	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
PELNMOM	2	LINE NUMBER OF MOTHER	888 - 889

EDITED UNIVERSE:
ALL

VALID ENTRIES

-1	NO MOTHER PRESENT
01	MIN VALUE
16	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
PEDADTYP	2	TYPE OF FATHER	890 - 891

EDITED UNIVERSE:
ALL

VALID ENTRIES

-1	NO FATHER PRESENT
01	BIOLOGICAL
02	STEP
03	ADOPTED

NAME	SIZE	DESCRIPTION	LOCATION
PEMOMTYP	2	TYPE OF MOTHER	892 - 893

EDITED UNIVERSE:
ALL

VALID ENTRIES

-1	NO MOTHER PRESENT
01	BIOLOGICAL
02	STEP
03	ADOPTED

NAME	SIZE	DESCRIPTION	LOCATION

PECOHAB   2   LINE NUMBER OF COHABITING PARTNER   894 - 895

EDITED UNIVERSE:
ALL

VALID ENTRIES

-1   NO PARTNER PRESENT
01   MIN VALUE
16   MAX VALUE

PXLNDAD   2   ALLOCATION FLAG   896 - 897

PXLNMOM   2   ALLOCATION FLAG   898 - 899

PXDADTYP   2   ALLOCATION FLAG   900 - 901

PXMOMTYP   2   ALLOCATION FLAG   902 - 903

PXCOHAB   2   ALLOCATION FLAG   904 - 905

PEDISEAR   2   IS...DEAF OR DOES ...HAVE SERIOUS DIFFICULTY HEARING?   906 - 907

EDITED UNIVERSE:
PRPERTYP=2

VALID ENTRIES

1   Yes
2   No

PEDISEYE   2   IS...BLIND OR DOES...HAVE SERIOUS DIFFICULTY SEEING EVEN WHEN WEARING GLASSES?   908 - 909

EDITED UNIVERSE:
PRPERTYP=2

VALID ENTRIES

1   Yes
2   No

NAME	SIZE	DESCRIPTION	LOCATION

PEDISREM   2   BECAUSE OF A PHYSICAL, MENTAL, OR   910 - 911
EMOTIONAL CONDITION, DOES...HAVE
SERIOUS DIFFICULTY CONCENTRATING,
REMEMBERING, OR MAKING DECISIONS?

EDITED UNIVERSE:
PRPERTYP = 2

VALID ENTRIES

1   Yes
2   No

PEDISPHY   2   DOES...HAVE SERIOUS DIFFICULTY   912 -913
WALKING OR CLIMBING STAIRS?

EDITED UNIVERSE:
PRPERTYP = 2

VALID ENTRIES

1   Yes
2   No

PEDISDRS   2   DOES...HAVE DIFFICULTY DRESSING OR   914 - 915
BATHING?

EDITED UNIVERSE:
PRPERTYP = 2

VALID ENTRIES

1   Yes
2   No

PEDISOUT   2   BECAUSE OF A PHYSICAL, MENTAL, OR   916-917
EMOTIONAL CONDITION, DOES...HAVE
DIFFICULTY DOING ERRANDS ALONE SUCH AS
VISITING A DOCTOR'S OFFICE OR SHOPPING?

EDITED UNIVERSE:
PRPERTYP = 2

VALID ENTRIES

1   Yes
2   No

NAME	SIZE	DESCRIPTION	LOCATION
PRDISFLG	2	DOES THIS PERSON HAVE ANY OF THESE DISABILITY CONDITIONS?	918 - 919

EDITED UNIVERSE:
PEDISEAR OR PEDISEYE OR PEDISREM,
PEDISPHY OR PEDISDRS OR PEDISOUT = 1

<u>VALID ENTRIES</u>

1   Yes
2   No

NAME	SIZE	DESCRIPTION	LOCATION
PXDISEAR	2	ALLOCATION FLAG	920 -921
PXDISEYE	2	ALLOCATION FLAG	922 - 923
PXDISREM	2	ALLOCATION FLAG	924 - 925
PXDISPHY	2	ALLOCATION FLAG	926 - 927
PXDISDRS	2	ALLOCATION FLAG	928 - 929
PXDISOUT	2	ALLOCATION FLAG	930 – 931
HXFAMINC	2	ALLOCATION FLAG	932 – 933
FILLER	17	FILLER	934 – 950

ATTACHMENT 7

SUPPLEMENT RECORD LAYOUT
Current Population Survey
January 2011 Tobacco Supplement

NAME	SIZE	DESCRIPTION	LOCATION
PENXTPR	2	Line number of person being interviewed	951-952

VALID ENTRIES:

1:16 Person's Line Number
-9 No response

| PENXTPR3 | 2 | Is this self or proxy? | 953-954 |

VALID ENTRIES:

-1 Not in universe
1 Self
2 Proxy

| PEA1 | 2 | (Have you/Has name) smoked at least 100 cigarettes in (your/his/her) entire life? (FR NOTE: 100 CIGARETTES=APPROXIMATELY 5 PACKS) | 955-956 |

EDITED UNIVERSE:

All persons eligible for the supplement

VALID ENTRIES:

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

| PEA2 | 2 | How old (were/was) (you/name) when (you/he/she) first started smoking cigarettes FAIRLY REGULARLY? | 957-958 |

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEA1=1

VALID ENTRIES:

1:99 Age
-2 Don't Know
-3 Refused
-5 Never smoked regularly
-9 No response

| PEA2A | 2 | You said that (you/name) never smoked regularly. How old (was/were) (you/name) the first time (you/he/she) smoked part or all of a cigarette? | 959-960 |

EDITED UNIVERSE:

PEA2=-5

VALID ENTRIES:

0:99 Age
-2 Don't Know
-3 Refused
-9 No response

| PRA2B1 | 3 | In what state or country did (you/name) live when (you/he/she) started to smoke cigarettes fairly regularly? | 961-963 |

EDITED UNIVERSE:

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

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
		001 Alabama	
		002 Alaska	
		004 Arizona	
		005 Arkansas	
		006 California	
		008 Colorado	
		009 Connecticut	
		010 Delaware	
		011 District of Columbia	
		012 Florida	
		013 Georgia	
		015 Hawaii	
		016 Idaho	
		017 Illinois	
		018 Indiana	
		019 Iowa	
		020 Kansas	
		021 Kentucky	
		022 Louisiana	
		023 Maine	
		024 Maryland	
		025 Massachusetts	
		026 Michigan	
		027 Minnesota	
		028 Mississippi	
		029 Missouri	
		030 Montana	
		031 Nebraska	
		032 Nevada	
		033 New Hampshire	
		034 New Jersey	
		035 New Mexico	
		036 New York	
		037 North Carolina	
		038 North Dakota	
		039 Ohio	
		040 Oklahoma	
		041 Oregon	
		042 Pennsylvania	
		044 Rhode Island	

045 South Carolina
046 South Dakota
047 Tennessee
048 Texas
049 Utah
050 Vermont
051 Virginia
053 Washington
054 West Virginia
055 Wisconsin
056 Wyoming
057 United States (state unknown)
066 Guam
073 Puerto Rico
078 U. S. Virgin Islands
096 Other U. S. Island Areas
100 Albania
102 Austria
103 Belgium
104 Bulgaria
105 Czechoslovakia
106 Denmark
108 Finland
109 France
110 Germany
116 Greece
117 Hungary
119 Ireland
120 Italy
126 Netherlands
127 Norway
128 Poland
129 Portugal
130 Azores
132 Romania
134 Spain
136 Sweden
137 Switzerland
138 United Kingdom
139 England

NAME	SIZE	DESCRIPTION	LOCATION

140 Scotland
141 Wales
142 Northern Ireland
147 Yugoslavia
148 Czech Republic
149 Slovakia
150 Bosnia & Herzegovina
151 Croatia
152 Macedonia
154 Serbia
156 Latvia
157 Lithuania
158 Armenia
159 Azerbaijan
160 Belarus
161 Georgia
162 Moldova
163 Russia
164 Ukraine
165 USSR
166 Europe, not specified
167 Kosovo
200 Afghanistan
202 Bangladesh
205 Myanmar (Burma)
206 Cambodia
207 China
208 Cyprus
209 Hong Kong
210 India
211 Indonesia
212 Iran
213 Iraq
214 Israel
215 Japan
216 Jordan
217 Korea
220 South Korea
222 Kuwait
223 Laos

224 Lebanon

226 Malaysia

229 Nepal

231 Pakistan

233 Philippines

235 Saudi Arabia

236 Singapore

238 Sri Lanka

239 Syria

240 Taiwan

242 Thailand

243 Turkey

246 Uzbekistan

247 Vietnam

248 Yemen

249 Asia, not specified

300 Bermuda

301 Canada

303 Mexico

310 Belize

311 Costa Rica

312 El Salvador

313 Guatemala

314 Honduras

315 Nicaragua

316 Panama

321 Antigua and Barbuda

323 Bahamas

324 Barbados

327 Cuba

328 Dominica

329 Dominican Republic

330 Grenada

332 Haiti

333 Jamaica

338 St. Kitts--Nevis

339 St. Lucia

340 St. Vincent and the Grenadines

341 Trinidad and Tobago

343 West Indies, not specified

360 Argentina
361 Bolivia
362 Brazil
363 Chile
364 Columbia
365 Ecuador
368 Guyana
369 Paraguay
370 Peru
372 Uruguay
373 Venezuela
374 South America, not specified
399 Americas, not specified
400 Algeria
407 Cameroon
408 Cape Verde
414 Egypt
416 Ethiopia
417 Eritrea
421 Ghana
427 Kenya
429 Liberia
436 Morocco
440 Nigeria
444 Senegal
447 Sierra Leone
448 Somalia
449 South Africa
451 Sudan
453 Tanzania
457 Uganda
461 Zimbabwe
462 Africa, not specified
501 Australia
508 Fiji
515 New Zealand
523 Tonga
527 Samoa
528 Oceania, not specified
555 Elsewhere

NAME	SIZE	DESCRIPTION	LOCATION
PRA2C1	3	In what state or country did (you/name) live when (you/he/she) FIRST smoked part or all of a cigarette?	964-966

EDITED UNIVERSE:

PEA2= -5

VALID ENTRIES:

-2 Don't Know
-3 Refused
-9 No response
-1 Not in universe
001 Alabama
002 Alaska
004 Arizona
005 Arkansas
006 California
008 Colorado
009 Connecticut
010 Delaware
011 District of Columbia
012 Florida
013 Georgia
015 Hawaii
016 Idaho
017 Illinois
018 Indiana
019 Iowa
020 Kansas
021 Kentucky
022 Louisiana
023 Maine
024 Maryland
025 Massachusetts
026 Michigan
027 Minnesota
028 Mississippi
029 Missouri
030 Montana

031 Nebraska
032 Nevada
033 New Hampshire
034 New Jersey
035 New Mexico
036 New York
037 North Carolina
038 North Dakota
039 Ohio
040 Oklahoma
041 Oregon
042 Pennsylvania
044 Rhode Island
045 South Carolina
046 South Dakota
047 Tennessee
048 Texas
049 Utah
050 Vermont
051 Virginia
053 Washington
054 West Virginia
055 Wisconsin
056 Wyoming
057 United States (state unknown)
066 Guam
073 Puerto Rico
078 U. S. Virgin Islands
096 Other U. S. Island Areas
100 Albania
102 Austria
103 Belgium
104 Bulgaria
105 Czechoslovakia
106 Denmark
108 Finland
109 France
110 Germany
116 Greece
117 Hungary

119 Ireland
120 Italy
126 Netherlands
127 Norway
128 Poland
129 Portugal
130 Azores
132 Romania
134 Spain
136 Sweden
137 Switzerland
138 United Kingdom
139 England
140 Scotland
141 Wales
142 Northern Ireland
147 Yugoslavia
148 Czech Republic
149 Slovakia
150 Bosnia & Herzegovina
151 Croatia
152 Macedonia
154 Serbia
156 Latvia
157 Lithuania
158 Armenia
159 Azerbaijan
160 Belarus
161 Georgia
162 Moldova
163 Russia
164 Ukraine
165 USSR
166 Europe, not specified
167 Kosovo
200 Afghanistan
202 Bangladesh
205 Myanmar (Burma)
206 Cambodia
207 China

208 Cyprus
209 Hong Kong
210 India
211 Indonesia
212 Iran
213 Iraq
214 Israel
215 Japan
216 Jordan
217 Korea
220 South Korea
222 Kuwait
223 Laos
224 Lebanon
226 Malaysia
229 Nepal
231 Pakistan
233 Philippines
235 Saudi Arabia
236 Singapore
238 Sri Lanka
239 Syria
240 Taiwan
242 Thailand
243 Turkey
246 Uzbekistan
247 Vietnam
248 Yemen
249 Asia, not specified
300 Bermuda
301 Canada
303 Mexico
310 Belize
311 Costa Rica
312 El Salvador
313 Guatemala
314 Honduras
315 Nicaragua
316 Panama
321 Antigua and Barbuda

323 Bahamas
324 Barbados
327 Cuba
328 Dominica
329 Dominican Republic
330 Grenada
332 Haiti
333 Jamaica
338 St. Kitts--Nevis
339 St. Lucia
340 St. Vincent and the Grenadines
341 Trinidad and Tobago
343 West Indies, not specified
360 Argentina
361 Bolivia
362 Brazil
363 Chile
364 Columbia
365 Ecuador
368 Guyana
369 Paraguay
370 Peru
372 Uruguay
373 Venezuela
374 South America, not specified
399 Americas, not specified
400 Algeria
407 Cameroon
408 Cape Verde
414 Egypt
416 Ethiopia
417 Eritrea
421 Ghana
427 Kenya
429 Liberia
436 Morocco
440 Nigeria
444 Senegal
447 Sierra Leone
448 Somalia

449 South Africa
451 Sudan
453 Tanzania
457 Uganda
461 Zimbabwe
462 Africa, not specified
501 Australia
508 Fiji
515 New Zealand
523 Tonga
527 Samoa
528 Oceania, not specified
555 Elsewhere

| PEA3 | 2 | (Do/Does) (you/name) now smoke cigarettes every day, some days, or not at all? | 967-968 |

EDITED UNIVERSE:

PEA2= 1-AGE, -2, -3, -5, -9

<u>VALID ENTRIES:</u>

1 Every day
2 Some days
3 Not at all
-2 Don't Know
-3 Refused
-9 No response

| PTB1 | 2 | On the average, about how many cigarettes do you now smoke each day? (FR Note: One pack usually equals 20 cigarettes. If converting packs to cigarettes, always verify calculation with respondent.) Top coded at 40. Weighted average topcode: 42.57 | 969-970 |

EDITED UNIVERSE:

PEA3=1 and self respondent

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1:99 Number of Cigarettes
-2 Don't Know
-3 Refused
-9 No response

PEB1A   2   Would you say that, on average, you now smoke more or less than 20 cigarettes each day?   971-972

EDITED UNIVERSE:

PTB1 = -2 or -3 or -9

VALID ENTRIES:

1 More
2 Less
3 About 20 (one pack)
-2 Don't Know
-3 Refused
-9 No response

PEB2   2   Do you usually smoke menthol or non-menthol cigarettes?   973-974

EDITED UNIVERSE:

PEA3 =1 and self respondent

VALID ENTRIES:

1 Menthol
2 Non-menthol
3 No usual type
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION

PEB2A1   2   For each of the following, please tell me   975-976
whether it's a reason you usually smoke
(Fill B2 answer: If PEB2=1, fill "menthol." Else
if PEB2=2, fill "non-menthol.") cigarettes.
Please answer yes or no for each. They are
less harmful than (Fill opposite of PEB2
answer: If PEB2=1, fill "non-menthol." Else if
PEB2=2, fill "menthol.") cigarettes.

EDITED UNIVERSE:

PEB2= 1 or 2

VALID ENTRIES:

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

PEB2A2   2   For each of the following, please tell me   977-978
whether it's a reason you usually smoke (Fill
answer from PEB2) cigarettes? Please answer
yes or no for each. They have a better flavor
than (Fill opposite answer from PEB2)
cigarettes.

EDITED UNIVERSE:

PEB2= 1 or 2

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEB2A3	2	For each of the following, please tell me whether it's a reason you usually smoke (Fill answer from PEB2) cigarettes? Please answer yes or no for each. They are less harsh on your THROAT than (fill opposite answer from PEB2) cigarettes.	979-980

EDITED UNIVERSE:

PEB2=1 or 2

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEB2A4	2	For each of the following, please tell me whether it's a reason you usually smoke (fill answer from PEB2) cigarettes? Please answer yes or no for each. They are less harsh on your CHEST than (fill opposite answer from PEB2) cigarettes.	981-982

EDITED UNIVERSE:

PEB2=1 or 2

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEB5ANUM	2	How soon after you wake up do you typically smoke your first cigarette of the day?	983-984

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEA3=1 and self respondent

VALID ENTRIES:

1:90 Number
-2 Don't Know
-3 Refused
-5 Varies
-9 No response

PEB5AUNT	2	How soon after you wake up do you typically smoke your first cigarette of the day? Enter minutes or hours	985-986

EDITED UNIVERSE:

PEB5anum=1-90

VALID ENTRIES:

1 Minutes
2 Hours
-2 Don't Know
-3 Refused
-9 No response

PEB5B	2	Would you say you smoke your first cigarette of the day within the first 30 minutes?	987-988

EDITED UNIVERSE:

PEB5anum= -2, -3, -5, -9 or PEB5aunt= -2, -3, -9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEB5C   2   Do you sometimes awaken during the night to   989-990
have a cigarette?

EDITED UNIVERSE:

PEA3=1 and self respondent

VALID ENTRIES:

1 Yes
2 No
3 Don't sleep at night
4 Use some other tobacco product when I awaken during the night
-2 Don't Know
-3 Refused
-9 No response

PEBA6A   2   Do you USUALLY BUY your own cigarettes?   991-992

EDITED UNIVERSE:

PEA3=1 and self respondent

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEB6A	2	Do you USUALLY buy your cigarettes by the pack or by the carton?	993-994

EDITED UNIVERSE:

PEBA6a=1

VALID ENTRIES:

1 Pack
2 Carton
3 Buy both packs and cartons
-2 Don't Know
-3 Refused
-9 No response

| PEB6B | 4 | What price did you pay for the LAST pack of cigarettes you bought? Please report the cost after using discounts or coupons. (This is 4 positions with 2 implied decimals.) | 995-998 |

EDITED UNIVERSE:

PEB6a=1, 3, -2, -3, -9

VALID ENTRIES:

0000:9999
-2 Don't Know
-3 Refused
-9 No response

| PEB6C | 5 | What price did you pay for the LAST carton of cigarettes you bought? Please report the cost after using discounts or coupons. (This is 4 positions with 2 implied decimals.) | 999-1003 |

EDITED UNIVERSE:

PEB6a=2

NAME	SIZE	DESCRIPTION	LOCATION

00000:99999
-2 Don't Know
-3 Refused
-9 No response

PEB6D1	2	Did you buy your LAST (pack/carton) of cigarettes in (fill respondent's state of residence) or in some other state?	1004-1005

EDITED UNIVERSE:

PEBA6a=1

VALID ENTRIES:

1 In respondent's state of residence
2 In some other state (including DC)
-2 Don't Know
-3 Refused
-5 Bought some other way (Internet, other country, ...)
-9 No response

PEB6D21	2	In what other state did you buy your LAST (pack/carton) of cigarettes?	1006-1007

EDITED UNIVERSE:

PEB6d1= 1,2

VALID ENTRIES:

-2 Don't Know
-3 Refused
-9 No response
001 Alabama
002 Alaska
004 Arizona
005 Arkansas
006 California
008 Colorado

009 Connecticut
010 Delaware
011 District of Columbia
012 Florida
013 Georgia
015 Hawaii
016 Idaho
017 Illinois
018 Indiana
019 Iowa
020 Kansas
021 Kentucky
022 Louisiana
023 Maine
024 Maryland
025 Massachusetts
026 Michigan
027 Minnesota
028 Mississippi
029 Missouri
030 Montana
031 Nebraska
032 Nevada
033 New Hampshire
034 New Jersey
035 New Mexico
036 New York
037 North Carolina
038 North Dakota
039 Ohio
040 Oklahoma
041 Oregon
042 Pennsylvania
044 Rhode Island
045 South Carolina
046 South Dakota
047 Tennessee
048 Texas
049 Utah
050 Vermont

NAME	SIZE	DESCRIPTION	LOCATION

051 Virginia
053 Washington
054 West Virginia
055 Wisconsin
056 Wyoming
057 United States (state unknown)
088 Not in the U.S.

PEB6D3 2 Did you buy your LAST (pack/carton) of cigarettes from an Indian reservation? 1008-1009

EDITED UNIVERSE:

PEB6d1=1 or 2

VALID ENTRIES:

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

PEB6DOTH 2 Was the Other Way in which you purchased your LAST (pack/carton) of cigarettes: 1010-1011

EDITED UNIVERSE:

PEB6d1=-5

VALID ENTRIES:

1 In a foreign country or a duty-free shop
2 From an Indian reservation OR
3 By mail-order, phone, or internet
4 Some other way
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PEB6E1	2	In the LAST 2 months, have you bought or traded for any SINGLE or INDIVIDUAL cigarettes?	1012-1013

EDITED UNIVERSE:

Self respondent and PEA3=1

<u>VALID ENTRIES:</u>

1 Yes, bought
2 No, did not buy
3 Traded
-2 Don't Know
-3 Refused
-9 No response

| PEB6E2 | 3 | What price did you pay for the LAST "single or individual cigarette" you bought?
(This is 4 positions with 2 implied decimals.) | 1014-1016 |

EDITED UNIVERSE:

PEB6e1=1

<u>VALID ENTRIES:</u>

000:999
-2 Don't Know
-3 Refused
-9 No response

| PEB6E31 | 2 | Did you buy your LAST SINGLE or INDIVIDUAL cigarette in (fill respondent's state of residence) or in some other state or other country? | 1017-1018 |

EDITED UNIVERSE:

PEB6e1=1

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

1 In respondent's state of residence
2 In some other state (including DC)
3 In another country
-2 Don't Know
-3 Refused
-5 Bought some other way (Internet, etc.)
-9 No response

| PRB6E32A | 3 | In what OTHER state or country did you buy your LAST SINGLE OR INDIVIDUAL cigarette? | 1019-1021 |

EDITED UNIVERSE:

PEB6e31= 1, 2, 3

<u>VALID ENTRIES:</u>

-2 Don't Know
-3 Refused
-9 No response
-1 Not in universe
001 Alabama
002 Alaska
004 Arizona
005 Arkansas
006 California
008 Colorado
009 Connecticut
010 Delaware
011 District of Columbia
012 Florida
013 Georgia
015 Hawaii
016 Idaho
017 Illinois
018 Indiana
019 Iowa
020 Kansas
021 Kentucky

022 Louisiana
023 Maine
024 Maryland
025 Massachusetts
026 Michigan
027 Minnesota
028 Mississippi
029 Missouri
030 Montana
031 Nebraska
032 Nevada
033 New Hampshire
034 New Jersey
035 New Mexico
036 New York
037 North Carolina
038 North Dakota
039 Ohio
040 Oklahoma
041 Oregon
042 Pennsylvania
044 Rhode Island
045 South Carolina
046 South Dakota
047 Tennessee
048 Texas
049 Utah
050 Vermont
051 Virginia
053 Washington
054 West Virginia
055 Wisconsin
056 Wyoming
057 United States (state unknown)
066 Guam
073 Puerto Rico
078 U. S. Virgin Islands
096 Other U. S. Island Areas
100 Albania
102 Austria

NAME	SIZE	DESCRIPTION	LOCATION
		103 Belgium	
		104 Bulgaria	
		105 Czechoslovakia	
		106 Denmark	
		108 Finland	
		109 France	
		110 Germany	
		116 Greece	
		117 Hungary	
		119 Ireland	
		120 Italy	
		126 Netherlands	
		127 Norway	
		128 Poland	
		129 Portugal	
		130 Azores	
		132 Romania	
		134 Spain	
		136 Sweden	
		137 Switzerland	
		138 United Kingdom	
		139 England	
		140 Scotland	
		141 Wales	
		142 Northern Ireland	
		147 Yugoslavia	
		148 Czech Republic	
		149 Slovakia	
		150 Bosnia & Herzegovina	
		151 Croatia	
		152 Macedonia	
		154 Serbia	
		156 Latvia	
		157 Lithuania	
		158 Armenia	
		159 Azerbaijan	
		160 Belarus	
		161 Georgia	
		162 Moldova	
		163 Russia	

164 Ukraine
165 USSR
166 Europe, not specified
167 Kosovo
200 Afghanistan
202 Bangladesh
205 Myanmar (Burma)
206 Cambodia
207 China
208 Cyprus
209 Hong Kong
210 India
211 Indonesia
212 Iran
213 Iraq
214 Israel
215 Japan
216 Jordan
217 Korea
220 South Korea
222 Kuwait
223 Laos
224 Lebanon
226 Malaysia
229 Nepal
231 Pakistan
233 Philippines
235 Saudi Arabia
236 Singapore
238 Sri Lanka
239 Syria
240 Taiwan
242 Thailand
243 Turkey
246 Uzbekistan
247 Vietnam
248 Yemen
249 Asia, not specified
300 Bermuda
301 Canada

303 Mexico
310 Belize
311 Costa Rica
312 El Salvador
313 Guatemala
314 Honduras
315 Nicaragua
316 Panama
321 Antigua and Barbuda
323 Bahamas
324 Barbados
327 Cuba
328 Dominica
329 Dominican Republic
330 Grenada
332 Haiti
333 Jamaica
338 St. Kitts--Nevis
339 St. Lucia
340 St. Vincent and the Grenadines
341 Trinidad and Tobago
343 West Indies, not specified
360 Argentina
361 Bolivia
362 Brazil
363 Chile
364 Columbia
365 Ecuador
368 Guyana
369 Paraguay
370 Peru
372 Uruguay
373 Venezuela
374 South America, not specified
399 Americas, not specified
400 Algeria
407 Cameroon
408 Cape Verde
414 Egypt
416 Ethiopia

417 Eritrea
421 Ghana
427 Kenya
429 Liberia
436 Morocco
440 Nigeria
444 Senegal
447 Sierra Leone
448 Somalia
449 South Africa
451 Sudan
453 Tanzania
457 Uganda
461 Zimbabwe
462 Africa, not specified
501 Australia
508 Fiji
515 New Zealand
523 Tonga
527 Samoa
528 Oceania, not specified
555 Elsewhere

NAME	SIZE	DESCRIPTION	LOCATION
PEB7A	2	At what age did you first start to smoke cigarettes EVERY DAY?	1022-1023

EDITED UNIVERSE:

PEA3= 1 and self respondent

VALID ENTRIES:

1:99 Age
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PEB7B	2	When you first started to smoke EVERY DAY, were you living in (Fill state or country name from PRA2b1 or PRA2c1) or somewhere else?	1024-1025

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEB7a > 0 and (PRA2b1= Valid State or
Country Code or PRA2c1= Valid State or
Country Code)

VALID ENTRIES:

1 In (Fill state or country name from PRA2b1 or PRA2c1)
 2 Somewhere else
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PRB7BSP1	3	Specifically, which other state or country were you living in when you started to smoke every day?	1026-1028

EDITED UNIVERSE:

PEB7b= 1, 2

VALID ENTRIES:

-2 Don't Know
-3 Refused
-9 No response
-1 Not in universe
001 Alabama
002 Alaska
004 Arizona
005 Arkansas
006 California
008 Colorado
009 Connecticut
010 Delaware
011 District of Columbia
012 Florida
013 Georgia
015 Hawaii
016 Idaho

017 Illinois
018 Indiana
019 Iowa
020 Kansas
021 Kentucky
022 Louisiana
023 Maine
024 Maryland
025 Massachusetts
026 Michigan
027 Minnesota
028 Mississippi
029 Missouri
030 Montana
031 Nebraska
032 Nevada
033 New Hampshire
034 New Jersey
035 New Mexico
036 New York
037 North Carolina
038 North Dakota
039 Ohio
040 Oklahoma
041 Oregon
042 Pennsylvania
044 Rhode Island
045 South Carolina
046 South Dakota
047 Tennessee
048 Texas
049 Utah
050 Vermont
051 Virginia
053 Washington
054 West Virginia
055 Wisconsin
056 Wyoming
057 United States (state unknown)
066 Guam

073 Puerto Rico
078 U. S. Virgin Islands
096 Other U. S. Island Areas
100 Albania
102 Austria
103 Belgium
104 Bulgaria
105 Czechoslovakia
106 Denmark
108 Finland
109 France
110 Germany
116 Greece
117 Hungary
119 Ireland
120 Italy
126 Netherlands
127 Norway
128 Poland
129 Portugal
130 Azores
132 Romania
134 Spain
136 Sweden
137 Switzerland
138 United Kingdom
139 England
140 Scotland
141 Wales
142 Northern Ireland
147 Yugoslavia
148 Czech Republic
149 Slovakia
150 Bosnia & Herzegovina
151 Croatia
152 Macedonia
154 Serbia
156 Latvia
157 Lithuania
158 Armenia

159 Azerbaijan
160 Belarus
161 Georgia
162 Moldova
163 Russia
164 Ukraine
165 USSR
166 Europe, not specified
167 Kosovo
200 Afghanistan
202 Bangladesh
205 Myanmar (Burma)
206 Cambodia
207 China
208 Cyprus
209 Hong Kong
210 India
211 Indonesia
212 Iran
213 Iraq
214 Israel
215 Japan
216 Jordan
217 Korea
220 South Korea
222 Kuwait
223 Laos
224 Lebanon
226 Malaysia
229 Nepal
231 Pakistan
233 Philippines
235 Saudi Arabia
236 Singapore
238 Sri Lanka
239 Syria
240 Taiwan
242 Thailand
243 Turkey
246 Uzbekistan

247 Vietnam
248 Yemen
249 Asia, not specified
300 Bermuda
301 Canada
303 Mexico
310 Belize
311 Costa Rica
312 El Salvador
313 Guatemala
314 Honduras
315 Nicaragua
316 Panama
321 Antigua and Barbuda
323 Bahamas
324 Barbados
327 Cuba
328 Dominica
329 Dominican Republic
330 Grenada
332 Haiti
333 Jamaica
338 St. Kitts--Nevis
339 St. Lucia
340 St. Vincent and the Grenadines
341 Trinidad and Tobago
343 West Indies, not specified
360 Argentina
361 Bolivia
362 Brazil
363 Chile
364 Columbia
365 Ecuador
368 Guyana
369 Paraguay
370 Peru
372 Uruguay
373 Venezuela
374 South America, not specified
399 Americas, not specified

NAME	SIZE	DESCRIPTION	LOCATION

400 Algeria
407 Cameroon
408 Cape Verde
414 Egypt
416 Ethiopia
417 Eritrea
421 Ghana
427 Kenya
429 Liberia
436 Morocco
440 Nigeria
444 Senegal
447 Sierra Leone
448 Somalia
449 South Africa
451 Sudan
453 Tanzania
457 Uganda
461 Zimbabwe
462 Africa, not specified
501 Australia
508 Fiji
515 New Zealand
523 Tonga
527 Samoa
528 Oceania, not specified
555 Elsewhere

PEB7C   2   For how long have you smoked EVERY DAY?   1029-1030

EDITED UNIVERSE:

PEA3=1 and self respondent

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1 All or nearly all the years you have smoked
2 Most of the years you have smoked
3 Half of the years you have smoked
4 Less than half the years you have smoked
5 Less than one year
-2 Don't Know
-3 Refused
-9 No response

PEB7C2   2   Have you EVER smoked MENTHOL cigarettes   1031-1032
for 6 months or more?

EDITED UNIVERSE:

PEB2=2 or 3 or -2 or -3 or -9

VALID ENTRIES:

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

PEB7C3   2   For how long have you smoked MENTHOL cigarettes?   1033-1034

EDITED UNIVERSE:

PEB2=1 or PEB7c2=1

VALID ENTRIES:

1 All or nearly all the years you have smoked
2 Most of the years you have smoked
3 Half of the years you have smoked
4 Less than half the years you have smoked.
5 Less than one year
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION

PTB7D   2   Think of the time during your life when you   1035-1036
SMOKED THE MOST. During that time, how
many cigarettes did you smoke each day?
Note: One pack usually equals 20 cigarettes.
If converting pack to cigarettes, always verify
calculation with respondent.
Enter the number of cigarettes per day (1-99).
Top coded at 60. Weighted average topcode: 65.74

EDITED UNIVERSE:

PEA3=1 and self respondent

VALID ENTRIES:

1:99 Number of Cigarettes
-2 Don't Know
-3 Refused
-9 No response

PEB8   2   Around this time 12 MONTHS AGO, were you   1037-1038
smoking cigarettes every day, some days, or
not at all?

EDITED UNIVERSE:

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

NAME	SIZE	DESCRIPTION	LOCATION

PTB9   2   Around this time 12 MONTHS AGO, on the   1039-1040
average, about how many cigarettes did you
smoke each day?
Note: One pack usually equals 20 cigarettes.
If converting pack to cigarettes, always verify
calculation with respondent.
Enter the number of cigarettes per day (1-99).
Top coded at 40. Weighted average topcode: 42.45

EDITED UNIVERSE:

PEB8=1

<u>VALID ENTRIES:</u>

1:99 Number of Cigarettes
-2 Don't Know
-3 Refused
-9 No response

PEB10A   2   Around this time 12 MONTHS AGO, on how   1041-1042
many of the 30 days in the month did you
smoke cigarettes?

EDITED UNIVERSE:

PEB8=2

<u>VALID ENTRIES:</u>

1:30 Days
-2 Don't Know
-3 Refused
-5 None
-9 No response

PTB10B   2   On the average, on those (Fill entry B10a)   1043-1044
days, how many cigarettes did you usually
smoke each day?
Weighted average topcode: 23.48

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEB10a=1-30 or -2 or -3 or -9

VALID ENTRIES:

1:99 Number of Cigarettes
-2 Don't Know
-3 Refused
-9 No response

PEB11	2	Around this time 12 MONTHS AGO, were you usually smoking menthol or non-menthol cigarettes?	1045-1046

EDITED UNIVERSE:

PEB8=1 or 2 or -2 or -3 or -9

VALID ENTRIES:

1 Menthol
2 Non-menthol
3 No Usual Type
-2 Don't Know
-3 Refused
-9 No response

PEC1	2	On how many of the past 30 days did you smoke cigarettes?	1047-1048

EDITED UNIVERSE:

PEA3=2 and self respondent

VALID ENTRIES:

1:30 Days
-2 Don't Know
-3 Refused
-5 None
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PEC1I	2	Would you say you smoked on AT LEAST 12 DAYS in the past 30 days?	1049-1050

EDITED UNIVERSE:

PEC1=-2 or -3 or -9

VALID ENTRIES:

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

| PTC1A | 2 | On the average, on those (fill entry C1) days, how many cigarettes did you usually smoke each day?
Top coded at 20. Weighted average topcode: 24.01 | 1051-1052 |

EDITED UNIVERSE:

PEC1=1-30 or -2 or -3 or -9

VALID ENTRIES:

0:99 Number of Cigarettes
-2 Don't Know
-3 Refused
-9 No response

| PEC2 | 2 | Do you usually smoke menthol or non-menthol cigarettes? | 1053-1054 |

EDITED UNIVERSE:

PEA3=2 and self respondent

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1 Menthol
2 Non-menthol
3 No usual type
-2 Don't Know
-3 Refused
-9 No response

PEC2A1   2   For each of the following, please tell me   1055-1056
whether it's a reason you usually smoke (Fill
C2 answer: if PEC2=1 fill "menthol" Else if
PEC2=2, fill "non-menthol") cigarettes?
Please answer yes or no for each. They are
less harmful than (Fill opposite of PEC2 answer:
If PEC2=1, fill "non-menthol" Else if PEC2=2
fill "menthol") cigarettes.

EDITED UNIVERSE:

PEC2=1 or 2

VALID ENTRIES:

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

PEC2A2   2   For each of the following, please tell me   1057-1058
whether it's a reason you usually smoke (Fill
answer from PEC2) cigarettes? Please answer
yes or no for each. They have a better flavor
than (Fill opposite answer from PEC2)
cigarettes.

EDITED UNIVERSE:

PEC2=1 or 2

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEC2A3   2   For each of the following, please tell me   1059-1060
whether it's a reason you usually smoke
(Fill answer from PEC2) cigarettes? Please
answer yes or no for each. They are less
harsh on your THROAT than (Fill opposite
answer from PEC2) cigarettes.

EDITED UNIVERSE:

PEC2=1 or 2

<u>VALID ENTRIES:</u>

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

PEC2A4   2   For each of the following, please tell me   1061-1062
whether it's a reason you usually smoke
(Fill answer from PEC2) cigarettes? Please
answer yes or no for each. They are less
harsh on your CHEST than (Fill opposite
answer from PEC2) cigarettes.

EDITED UNIVERSE:

PEC2=1 or 2

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEC5ANUM   2   On the days that you smoke, how soon after   1063-1064
you wake up do you typically smoke your first
cigarette of the day?

EDITED UNIVERSE:

PEA3=2 and self respondent

VALID ENTRIES:

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

PEC5AUNT   2   On the days that you smoke, how soon after   1065-1066
you wake up do you typically smoke your first
cigarette of the day? Enter minutes or hours

EDITED UNIVERSE:

PEC5anum=1-90

VALID ENTRIES:

1 Minutes
2 Hours
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PEC5B	2	On the days that you smoke, would you say you smoke your first cigarette of the day within the first 30 minutes?	1067-1068

EDITED UNIVERSE:

(PEC5anum= -2,-3,-5,-9) or (PEC5aunt= -2,-3,-9)

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEC5C	2	Do you sometimes awaken during the night to have a cigarette?	1069-1070

EDITED UNIVERSE:

PEA3=2 and self respondent

VALID ENTRIES:

1 Yes
2 No
3 Don't sleep at night
4 Use some other tobacco product when I
awaken during the night
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PECA6A	2	Do you USUALLY buy your own cigarettes?	1071-1072

EDITED UNIVERSE:

PEA3=2 and self respondent

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEC6A   2   Do you usually buy your cigarettes by the pack or by the carton?   1073-1074

EDITED UNIVERSE:

PECA6a=1

VALID ENTRIES:

1 Pack
2 Carton
3 Buy both packs and cartons
-2 Don't Know
-3 Refused
-9 No response

PEC6B   4   What price did you pay for the LAST PACK of cigarettes you bought? Please report the cost after using discounts or coupons.
(This is 4 positions with 2 implied decimals.)   1075-1078

EDITED UNIVERSE:

PEC6a=1, 3, -2, -3, -9

VALID ENTRIES:

0000:9999
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PEC6C	5	What price did you pay for the LAST carton of cigarettes you bought? Please report the cost after using discounts or coupons. (This is 4 positions with 2 implied decimals.)	1079-1083

EDITED UNIVERSE:

PEC6a=2

VALID ENTRIES:

00000:99999
-2 Don't Know
-3 Refused
-9 No response

| PEC6D1 | 2 | Did you buy your LAST (pack/carton) of cigarettes in (fill respondent's state of residence) or in some other state? | 1084-1085 |

EDITED UNIVERSE:

PECA6a=1

VALID ENTRIES:

1 In respondent's state of residence
2 In some other state (including DC)
-2 Don't Know
-3 Refused
-5 Bought some other way (Internet, other country, ...)
-9 No response

| PEC6D21 | 2 | In what other state did you buy your LAST (pack/carton) of cigarettes? | 1086-1087 |

EDITED UNIVERSE:

PEC6d1=1,2

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

-2 Don't Know
-3 Refused
-9 No response
001 Alabama
002 Alaska
004 Arizona
005 Arkansas
006 California
008 Colorado
009 Connecticut
010 Delaware
011 District of Columbia
012 Florida
013 Georgia
015 Hawaii
016 Idaho
017 Illinois
018 Indiana
019 Iowa
020 Kansas
021 Kentucky
022 Louisiana
023 Maine
024 Maryland
025 Massachusetts
026 Michigan
027 Minnesota
028 Mississippi
029 Missouri
030 Montana
031 Nebraska
032 Nevada
033 New Hampshire
034 New Jersey
035 New Mexico
036 New York
037 North Carolina
038 North Dakota

NAME	SIZE	DESCRIPTION	LOCATION

039 Ohio
040 Oklahoma
041 Oregon
042 Pennsylvania
044 Rhode Island
045 South Carolina
046 South Dakota
047 Tennessee
048 Texas
049 Utah
050 Vermont
051 Virginia
053 Washington
054 West Virginia
055 Wisconsin
056 Wyoming
057 United States (state unknown)
088 Not in the U.S.

PEC6D3   2   Did you buy your LAST (pack/carton) of   1088-1089
cigarettes from an Indian reservation?

EDITED UNIVERSE:

PEC6d1=1 or 2

VALID ENTRIES:

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

PEC6DOTH   2   Was the "Other Way" in which you purchased   1090-1091
your Last (pack/carton) of cigarettes.

EDITED UNIVERSE:

PEC6d1=-5

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1 In a foreign country or a duty-free shop
2 From an Indian reservation
3 By mail order, phone, or internet
4 Some other way
-2 Don't Know
-3 Refused
-9 No response

PEC6E1   2   In the LAST 2 months, have you bought or   1092-1093
traded for any SINGLE or INDIVIDUAL
cigarettes?

EDITED UNIVERSE:

Self respondent and PEA3=2

VALID ENTRIES:

1 Yes, bought
2 No, did not buy
3 Traded
-2 Don't Know
-3 Refused
-9 No response

PEC6E2   3   What price did you pay for the LAST "single or   1094-1096
individual" cigarette you bought?
(This is 4 positions with 2 implied decimals.)

EDITED UNIVERSE:

PEC6e1=1

VALID ENTRIES:

000:999
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PEC6E31	2	Did you buy your LAST SINGLE or INDIVIDUAL cigarette in (fill respondent's state of residence) or in some other state or other country?	1097-1098

EDITED UNIVERSE:

PEC6e1=1

VALID ENTRIES:

1 In respondent's state of residence
2 In some other state (including DC)
3 In another country
-2 Don't Know
-3 Refused
-5 Bought some other way (Internet, etc.)
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PRC6E32A	3	In what OTHER state or country did you buy your LAST SINGLE OR INDIVIDUAL cigarette?	1099-1101

EDITED UNIVERSE:

PEC6e31=1, 2, 3

VALID ENTRIES:

-2 Don't Know
-3 Refused
-9 No response
-1 Not in universe
001 Alabama
002 Alaska
004 Arizona
005 Arkansas
006 California
008 Colorado
009 Connecticut
010 Delaware
011 District of Columbia
012 Florida

NAME	SIZE	DESCRIPTION	LOCATION

013 Georgia
015 Hawaii
016 Idaho
017 Illinois
018 Indiana
019 Iowa
020 Kansas
021 Kentucky
022 Louisiana
023 Maine
024 Maryland
025 Massachusetts
026 Michigan
027 Minnesota
028 Mississippi
029 Missouri
030 Montana
031 Nebraska
032 Nevada
033 New Hampshire
034 New Jersey
035 New Mexico
036 New York
037 North Carolina
038 North Dakota
039 Ohio
040 Oklahoma
041 Oregon
042 Pennsylvania
044 Rhode Island
045 South Carolina
046 South Dakota
047 Tennessee
048 Texas
049 Utah
050 Vermont
051 Virginia
053 Washington
054 West Virginia
055 Wisconsin

NAME	SIZE	DESCRIPTION	LOCATION

056 Wyoming
057 United States (state unknown)
066 Guam
073 Puerto Rico
078 U. S. Virgin Islands
096 Other U. S. Island Areas
100 Albania
102 Austria
103 Belgium
104 Bulgaria
105 Czechoslovakia
106 Denmark
108 Finland
109 France
110 Germany
116 Greece
117 Hungary
119 Ireland
120 Italy
126 Netherlands
127 Norway
128 Poland
129 Portugal
130 Azores
132 Romania
134 Spain
136 Sweden
137 Switzerland
138 United Kingdom
139 England
140 Scotland
141 Wales
142 Northern Ireland
147 Yugoslavia
148 Czech Republic
149 Slovakia
150 Bosnia & Herzegovina
151 Croatia
152 Macedonia
154 Serbia

156 Latvia
157 Lithuania
158 Armenia
159 Azerbaijan
160 Belarus
161 Georgia
162 Moldova
163 Russia
164 Ukraine
165 USSR
166 Europe, not specified
167 Kosovo
200 Afghanistan
202 Bangladesh
205 Myanmar (Burma)
206 Cambodia
207 China
208 Cyprus
209 Hong Kong
210 India
211 Indonesia
212 Iran
213 Iraq
214 Israel
215 Japan
216 Jordan
217 Korea
220 South Korea
222 Kuwait
223 Laos
224 Lebanon
226 Malaysia
229 Nepal
231 Pakistan
233 Philippines
235 Saudi Arabia
236 Singapore
238 Sri Lanka
239 Syria
240 Taiwan

242 Thailand
243 Turkey
246 Uzbekistan
247 Vietnam
248 Yemen
249 Asia, not specified
300 Bermuda
301 Canada
303 Mexico
310 Belize
311 Costa Rica
312 El Salvador
313 Guatemala
314 Honduras
315 Nicaragua
316 Panama
321 Antigua and Barbuda
323 Bahamas
324 Barbados
327 Cuba
328 Dominica
329 Dominican Republic
330 Grenada
332 Haiti
333 Jamaica
338 St. Kitts--Nevis
339 St. Lucia
340 St. Vincent and the Grenadines
341 Trinidad and Tobago
343 West Indies, not specified
360 Argentina
361 Bolivia
362 Brazil
363 Chile
364 Columbia
365 Ecuador
368 Guyana
369 Paraguay
370 Peru
372 Uruguay

373 Venezuela
374 South America, not specified
399 Americas, not specified
400 Algeria
407 Cameroon
408 Cape Verde
414 Egypt
416 Ethiopia
417 Eritrea
421 Ghana
427 Kenya
429 Liberia
436 Morocco
440 Nigeria
444 Senegal
447 Sierra Leone
448 Somalia
449 South Africa
451 Sudan
453 Tanzania
457 Uganda
461 Zimbabwe
462 Africa, not specified
501 Australia
508 Fiji
515 New Zealand
523 Tonga
527 Samoa
528 Oceania, not specified
555 Elsewhere

PEC7A   2   Have you EVER smoked cigarettes EVERY DAY   1102-1103
                             for at least 6 months?

                             EDITED UNIVERSE:

                             PEA3=2 and self respondent

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEC7A2   2   At what age did you first start to smoke   1104-1105
cigarettes EVERY DAY?

EDITED UNIVERSE:

PEC7a=1

VALID ENTRIES:

1:99 Age
-2 Don't Know
-3 Refused
-9 No response

PEC7A3   2   When you first started to smoke EVERY DAY,   1106-1107
were you living in (fill state or country name
from PRA2b1 or PRA2c1) or somewhere else?

EDITED UNIVERSE:

PEC7a2>0 and (PRA2b1=Valid State/Country
Code or PRA2c1=Valid State/Country Code)

VALID ENTRIES:

1 In (fill state or country name from PRA2b1 or PRA2c1)
2 Somewhere else
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PRC7A3S1	3	Please specify the other state or country you were living in when you started to smoke every day.	1108-1110

EDITED UNIVERSE:

PEC7a3=1, 2

VALID ENTRIES:

-2 Don't Know
-3 Refused
-9 No response
-1 Not in universe
001 Alabama
002 Alaska
004 Arizona
005 Arkansas
006 California
008 Colorado
009 Connecticut
010 Delaware
011 District of Columbia
012 Florida
013 Georgia
015 Hawaii
016 Idaho
017 Illinois
018 Indiana
019 Iowa
020 Kansas
021 Kentucky
022 Louisiana
023 Maine
024 Maryland
025 Massachusetts
026 Michigan
027 Minnesota
028 Mississippi
029 Missouri
030 Montana

NAME	SIZE	DESCRIPTION	LOCATION

031 Nebraska
032 Nevada
033 New Hampshire
034 New Jersey
035 New Mexico
036 New York
037 North Carolina
038 North Dakota
039 Ohio
040 Oklahoma
041 Oregon
042 Pennsylvania
044 Rhode Island
045 South Carolina
046 South Dakota
047 Tennessee
048 Texas
049 Utah
050 Vermont
051 Virginia
053 Washington
054 West Virginia
055 Wisconsin
056 Wyoming
057 United States (state unknown)
066 Guam
073 Puerto Rico
078 U. S. Virgin Islands
096 Other U. S. Island Areas
100 Albania
102 Austria
103 Belgium
104 Bulgaria
105 Czechoslovakia
106 Denmark
108 Finland
109 France
110 Germany
116 Greece
117 Hungary

119 Ireland
120 Italy
126 Netherlands
127 Norway
128 Poland
129 Portugal
130 Azores
132 Romania
134 Spain
136 Sweden
137 Switzerland
138 United Kingdom
139 England
140 Scotland
141 Wales
142 Northern Ireland
147 Yugoslavia
148 Czech Republic
149 Slovakia
150 Bosnia & Herzegovina
151 Croatia
152 Macedonia
154 Serbia
156 Latvia
157 Lithuania
158 Armenia
159 Azerbaijan
160 Belarus
161 Georgia
162 Moldova
163 Russia
164 Ukraine
165 USSR
166 Europe, not specified
167 Kosovo
200 Afghanistan
202 Bangladesh
205 Myanmar (Burma)
206 Cambodia
207 China

208 Cyprus
209 Hong Kong
210 India
211 Indonesia
212 Iran
213 Iraq
214 Israel
215 Japan
216 Jordan
217 Korea
220 South Korea
222 Kuwait
223 Laos
224 Lebanon
226 Malaysia
229 Nepal
231 Pakistan
233 Philippines
235 Saudi Arabia
236 Singapore
238 Sri Lanka
239 Syria
240 Taiwan
242 Thailand
243 Turkey
246 Uzbekistan
247 Vietnam
248 Yemen
249 Asia, not specified
300 Bermuda
301 Canada
303 Mexico
310 Belize
311 Costa Rica
312 El Salvador
313 Guatemala
314 Honduras
315 Nicaragua
316 Panama
321 Antigua and Barbuda

323 Bahamas
324 Barbados
327 Cuba
328 Dominica
329 Dominican Republic
330 Grenada
332 Haiti
333 Jamaica
338 St. Kitts--Nevis
339 St. Lucia
340 St. Vincent and the Grenadines
341 Trinidad and Tobago
343 West Indies, not specified
360 Argentina
361 Bolivia
362 Brazil
363 Chile
364 Columbia
365 Ecuador
368 Guyana
369 Paraguay
370 Peru
372 Uruguay
373 Venezuela
374 South America, not specified
399 Americas, not specified
400 Algeria
407 Cameroon
408 Cape Verde
414 Egypt
416 Ethiopia
417 Eritrea
421 Ghana
427 Kenya
429 Liberia
436 Morocco
440 Nigeria
444 Senegal
447 Sierra Leone
448 Somalia

NAME	SIZE	DESCRIPTION	LOCATION

449 South Africa
451 Sudan
453 Tanzania
457 Uganda
461 Zimbabwe
462 Africa, not specified
501 Australia
508 Fiji
515 New Zealand
523 Tonga
527 Samoa
528 Oceania, not specified
555 Elsewhere

PEC7D   2   For how long did you smoke EVERY DAY?   1111-1112

EDITED UNIVERSE:

PEC7a=1

VALID ENTRIES:

1 All or nearly all the years you have smoked
2 Most of the years you have smoked
3 Half of the years you have smoked
4 Less than half the years you have smoked
5 Less than one year
-2 Don't Know
-3 Refused
-9 No response

PEC7D2   2   Have you EVER smoked MENTHOL cigarettes   1113-1114
for 6 months or more?

EDITED UNIVERSE:

(PEC2=2,3,-2,-3, -9 and PEC7a=1)
OR (PEC2= 2,3,-2,-3,-9 and
PEC7a=2,-2,-3,-9)

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEC7D3　　2　　For how long have you smoked MENTHOL　　1115-1116
cigarettes?

EDITED UNIVERSE:

(PEC7a=1 and (PEC2=1)) or (PEC7a=
[2,-2,-3,-9] and (PEC2=1)) or PEC7d2=1

VALID ENTRIES:

1 All or nearly all the years you have smoked
2 Most of the years you have smoked
3 Half of the years you have smoked
4 Less than half the years you have smoked
5 Less than one year
-2 Don't Know
-3 Refused
-9 No response

PTC7E　　2　　When you last smoked every day, on average　　1117-1118
how many cigarettes did you smoke each day?
Top coded at 20.
Weighted average topcode: 23.06

EDITED UNIVERSE:

PEC7a=1

VALID ENTRIES:

1:97 Number of cigarettes
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION

PTC7F   2   Think of the time during your life when you   1119-1120
SMOKED THE MOST. During that time, how
many cigarettes did you smoke each day?
Note: One pack usually equals 20 cigarettes.
If converting pack to cigarettes, always verify
calculation with respondent.
Enter number of cigarettes per day (1-99)
Top coded at 40.
Weighted average topcode: 47.74

EDITED UNIVERSE:

PEC7a=1

VALID ENTRIES:

1:99 Number of cigarettes
-2 Don't Know
-3 Refused
-9 No response

PEC8   2   Around this time 12 MONTHS AGO, were you   1121-1122
smoking cigarettes every day, some days, or
not at all?

EDITED UNIVERSE:

PEA3=2 and self respondent

VALID ENTRIES:

1 Every day
2 Some days
3 Not at all
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION

PTC9 2 Around this time 12 MONTHS AGO, on the 1123-1124
average, about how many cigarettes did you
smoke each day?
Note: One pack usually equals 20 cigarettes.
If converting pack to cigarettes, always verify
calculation with respondent.
Enter number of cigarettes per day (1-99)
Top coded at 40. Weighted average topcode: 41.06

EDITED UNIVERSE:

PEC8=1

VALID ENTRIES:

1:99 Number of Cigarettes
-2 Don't Know
-3 Refused
-9 No response

PEC10A 2 Around this time 12 MONTHS AGO, on how 1125-1126
many of the 30 days in the month did you
smoke cigarettes?

EDITED UNIVERSE:

PEC8=2

VALID ENTRIES:

1:30 Days
-2 Don't Know
-3 Refused
-5 None
-9 No response

PTC10B 2 On the average, on those (Fill entry C10a) 1127-1128
days, how many cigarettes did you usually
smoke each day? (FR Note: We are still talking
about around this time 12 months ago.)
Top coded at 20. Weighted average topcode: 20.29

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEC10a=1-30 or -2 or -3 or -9

VALID ENTRIES:

1:99 Number of Cigarettes
-2 Don't Know
-3 Refused
-9 No response

PEC11	2	Around this time 12 MONTHS AGO, were you usually smoking menthol or non-menthol cigarettes?	1129-1130

EDITED UNIVERSE:

PEC8=1, 2, -2, -3, -9

VALID ENTRIES:

1 Menthol
2 Non-menthol
3 No usual type
-2 Don't Know
-3 Refused
-9 No response

PEDA	2	During the PAST 12 MONTHS, have you TRIED to QUIT smoking COMPLETELY?	1131-1132

EDITED UNIVERSE:

PEC1i=2, -2, -3, -9 OR PEC1<12

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEDB   2   Have you EVER TRIED to QUIT smoking   1133-1134
COMPLETELY?

EDITED UNIVERSE:

PEDa=2 or -2 or -3 or -9

VALID ENTRIES:

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

PED1R   2   During the past 12 months, have you stopped   1135-1136
smoking for one day or longer BECAUSE YOU
WERE TRYING TO QUIT SMOKING?

EDITED UNIVERSE:

(Self response and PEA3=1) OR PEC1=>12
OR PEC1i=1

VALID ENTRIES:

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

PED3   2   How many TIMES during the past 12 months   1137-1138
have you stopped smoking for one day or
longer BECAUSE YOU WERE TRYING TO QUIT
SMOKING?

EDITED UNIVERSE:

PED1R=1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1 Once (1 time)
2 2-3 times
3 4 or more times
-2 Don't Know
-3 Refused
-9 No response

PED3B   2   Would you say that during the past 12 months it was MORE THAN 3 TIMES that you have stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?   1139-1140

EDITED UNIVERSE:

PEDa=1 or PED3=-2 or -3 or -9

VALID ENTRIES:

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

PED4NUM   3   The LAST TIME you stopped smoking during the PAST 12 months because you were TRYING to quit, how long did you stop for?   1141-1143

EDITED UNIVERSE:

PED3=1, 2, 3 or PED3b=1, 2, -2, -3, -9

VALID ENTRIES:

1:365 Number
-2 Don't Know
-3 Refused
-9 No response

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PED4UNT	2	The LAST TIME you stopped smoking during the PAST 12 months because you were TRYING to quit, how long did you stop for? Enter units of days, weeks, months, year	1144-1145

EDITED UNIVERSE:

PED4num=1-365

<u>VALID ENTRIES:</u>

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

PED4B	2	Was it more or less than one week?	1146-1147

EDITED UNIVERSE:

If PED4num or PED4unt=-2 or -3 or -9

<u>VALID ENTRIES:</u>

1 More
2 Less
3 One week
-2 Don't Know
-3 Refused
-9 No response

PED4CMON	2	When was the approximate END date of this LAST QUIT ATTEMPT that lasted (Fill response from D4num, D4unt or D4b)?	1148-1149

EDITED UNIVERSE:

PED4num=1-365, -2, -3, -9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1-Jan
2-Feb
3-Mar
4-Apr
5-May
6-Jun
7-Jul
8-Aug
9-Sep
10-Oct
11-Nov
12-Dec
-2 Don't Know
-3 Refused
-9 No response

PED4CDAY   2   Enter the 2 digit day   1150-1151

EDITED UNIVERSE:

PED4cmon>0

VALID ENTRIES:

1:31 Day
-2 Don't Know
-3 Refused
-9 No response

PED4CYR   4   Enter the 4 digits of the year   1152-1155

EDITED UNIVERSE:

PED4cday>0

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

2010:2011 Year
-2 Don't Know
-3 Refused
-9 No response

| PED5 | 2 | Was (Fill entries from D4num and D4unt or D4b) the LONGEST you went without smoking in the past 12 months? | 1156-1157 |

EDITED UNIVERSE:

PED4num=1-365, -2, -3, -9 and PED4b not in [-2,-3]

VALID ENTRIES:

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

| PED6NUM | 3 | During the PAST 12 MONTHS, what is the (LENGTH/LONGEST LENGTH) of time you stopped smoking because you were TRYING to quit smoking? | 1158-1160 |

EDITED UNIVERSE:

PED5=2 or -2 or -3 or -9

VALID ENTRIES:

1:365 Number
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION

PED6UNT   2   During the PAST 12 MONTHS, what is the   1161-1162
(LENGTH/LONGEST Length) of time you
stopped smoking because you were TRYING
to quit smoking? Enter unit reported: days,
weeks, months, year

EDITED UNIVERSE:

PED6num=1-365

VALID ENTRIES:

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

PED6B   2   Was it more or less than one week?   1163-1164

EDITED UNIVERSE:

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

VALID ENTRIES:

1 More
2 Less
3 One week
-2 Don't Know
-3 Refused
-9 No response

PED7R   2   DURING THE PAST 12 MONTHS, have you   1165-1166
made a serious attempt to stop smoking
because you were TRYING to quit - even if
you stopped for less than a day?

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PED1R=2, -2,-3,-9

VALID ENTRIES:

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

PED8R   2   Have you EVER made a serious attempt to   1167-1168
stop smoking because you were TRYING to
quit- even if you stopped for less than a day?

EDITED UNIVERSE:

PED7R=2, -2, -3 or -9

VALID ENTRIES:

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

PEE1A1   2   Thinking back to the (time/last time) you tried   1169-1170
to QUIT smoking in the past 12 months. Did
you use ANY of the following PRODUCTS: A
nicotine patch?

EDITED UNIVERSE:

(PED4cmon=1-12, -2, -3, -9 and PED4b=-2,-3, -9)
OR PED5=1 or PED6num=1-365, -2, -3, -9 OR
PED7r=1

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEE1A2	2	Thinking back to the (time/last time) you tried to QUIT smoking in the past 12 months. Did you use ANY of the following PRODUCTS: A nicotine gum or nicotine lozenge?	1171-1172

EDITED UNIVERSE:

PEE1a1=1,2,-2,-3, -9

<u>VALID ENTRIES:</u>

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

PEE1A3	2	Thinking back to the (time/last time) you tried to QUIT smoking in the past 12 months. Did you use ANY of the following PRODUCTS: A nicotine nasal spray or nicotine inhaler?	1173-1174

EDITED UNIVERSE:

PEE1a2=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

PEE1ABN1   2   In total, during the (time/last time) you tried to QUIT smoking, how long did you use (fill with answers from PEE1a1 and/or PEE1a2 and/or PEE1a3)?   1175-1176

EDITED UNIVERSE:

PEE1a1=1 or PEE1a2=1 or PEE1a3=1

VALID ENTRIES:

1:97 Number
-2 Don't Know
-3 Refused
-9 No response

PEE1ABU1   2   In total, during the (time/last time) you tried to QUIT smoking, how long did you use (fill with answers from PEE1a1 and/or PEE1a2 and/or PEE1a3)? Enter units: Days, Weeks, Months   1177-1178

EDITED UNIVERSE:

PEE1abn1>0

VALID ENTRIES:

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

PEE1A7A   2   Thinking back to the (time/last time) you tried to QUIT smoking in the past 12 months. Did you use ANY of the following PRODUCTS: A prescription pill, called Chantix or Varenicline?   1179-1180

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEE1a1=1,2,-2,-3,-9

VALID ENTRIES:

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

PEE1A7B   2   Thinking back to the (time/last time) you tried   1181-1182
to QUIT smoking in the past 12 months. Did
you use ANY of the following PRODUCTS: A
A prescription pill, called Zyban, Bupropion,
or Wellbutrin?

EDITED UNIVERSE:

PEE1a7a=1,2,-2,-3,-9

VALID ENTRIES:

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

PEE1A7C   2   Thinking back to the (time/last time) you tried   1183-1184
to QUIT smoking in the past 12 months. Did
you use ANY of the following PRODUCTS:
Another prescription pill?

EDITED UNIVERSE:

PEE1a7b=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEE1ACN1   2   In total, during the (time/last time) you tried   1185-1186
to QUIT smoking, how long did you use (Fill
response from PEE1a7a and/or PEE1a7b
and/or PEE1a7c)?

EDITED UNIVERSE:

If PEE1a7a=1 or PEE1a7b=1 or PEE1a7c=1

<u>VALID ENTRIES:</u>

1:97 Number
-2 Don't Know
-3 Refused
-9 No response

PEE1ACU1   2   In total, during the (time/last time) you tried   1187-1188
to QUIT smoking, how long did you use (Fill
response from PEE1a7a and/or PEE1a7b
and/or PEE1a7c)? Enter units: Days, Weeks,
Months

EDITED UNIVERSE:

PEE1acn1>0

<u>VALID ENTRIES:</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

PEE1B1   2   Thinking back to the (time/last time) you tried   1189-1190
to QUIT smoking in the past 12 months. Did
you use ANY of the following: A telephone
help line or quit line?

EDITED UNIVERSE:

PEE1a1=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEE1B2   2   Thinking back to the (time/last time) you tried   1191-1192
to QUIT smoking in the past 12 months. Did
you use ANY of the following: One on one
counseling?

EDITED UNIVERSE:

PEE1b1=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEE1B3   2   Thinking back to the (time/last time) you tried   1193-1194
to QUIT smoking in the past 12 months. Did
you use ANY of the following: A stop smoking
clinic, class, or support group?

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEE1b2=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEE1B4   2   Thinking back to the (time/last time) you tried   1195-1196
to QUIT smoking in the past 12 months. Did
you use ANY of the following: Help or support
from friends or family?

EDITED UNIVERSE:

PEE1b3=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEE1B5   2   Thinking back to the (time/last time) you tried   1197-1198
to QUIT smoking in the past 12 months. Did
you use ANY of the following: Internet or web
based program?

EDITED UNIVERSE:

PEE1b4=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

| PEE1B6 | 2 | Thinking back to the (time/last time) you tried to QUIT smoking in the past 12 months. Did you use ANY of the following: Books, pamphlets, videos or other materials? | 1199-1200 |

EDITED UNIVERSE:

PEE1b5=1,2,-2,-3,-9

VALID ENTRIES:

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

| PEE1B7 | 2 | Thinking back to the (time/last time) you tried to QUIT smoking in the past 12 months. Did you use ANY of the following: Acupuncture or hypnosis? | 1201-1202 |

EDITED UNIVERSE:

PEE1b6=1,2,-2,-3,-9

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEE1B7A   2   Thinking back to the (time/last time) you tried   1203-1204
to QUIT smoking in the past 12 months. Did
you use ANY of the following: Acupuncture or
hypnosis or both?

EDITED UNIVERSE:

PEE1b7=1

<u>VALID ENTRIES:</u>

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

PEE1C1   2   The (time/last time) you tried   1205-1206
to QUIT smoking in the past 12 months: Did
you do ANY of the following: Try to quit by
GRADUALLY cutting back on cigarettes?

EDITED UNIVERSE:

PEE1a1=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEE1C2   2   The (time/last time) you tried   1207-1208
to QUIT smoking in the past 12 months: Did
you do ANY of the following: Try to quit by
SWITCHING to smokeless tobacco such as
chewing tobacco, snuff, or snus?

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEE1c1=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEE1C2B   2   The (time/last time) you tried   1209-1210
to QUIT smoking in the past 12 months. Did
you do ANY of the following: Try to quit by
SWITCHING to regular cigars, cigarillos, little
filtered cigars or pipes filled with tobacco?

EDITED UNIVERSE:

PEE1c2=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEE1C3   2   The (time/last time) you tried   1211-1212
to QUIT smoking in the past 12 months. Did
you do ANY of the following: Did you SWITCH
to a "lighter" cigarette in order to TRY TO QUIT?

EDITED UNIVERSE:

PEE1c2b=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

| PEE1C3B | 2 | Did you SWITCH to menthol cigarettes in order to TRY TO QUIT? (FR note: If respondent says they were already smoking menthol cigarettes when they tried to quit, then the answer is "No, they didn't switch to try to quit".) | 1213-1214 |

EDITED UNIVERSE:

PEE1c3=1,2,-2,-3,-9 and (PEB2=2,3,-2,-3,-9 or PEC2=2,3,-2,-3,-9)

VALID ENTRIES:

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

| PEE1C3C | 2 | Did you switch to non-menthol cigarettes in order to TRY TO QUIT? (FR note: If respondent says they were already smoking non-menthol cigarettes when they tried to quit, then the answer is "No, they didn't switch to try to quit".) | 1215-1216 |

EDITED UNIVERSE:

(PEE1c3=1,2,-2,-3,-9 and [PEB2=1 or PEC2=1])
OR (PEE1c3b=1,2,-2,-3,-9 and [PEB2=
1,3,-2,-3,-9 OR PEC2=1,3,-2,-3,-9])

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEE1C4   2   The (time/last time) you tried to QUIT smoking   1217-1218
in the past 12 months: Did you do ANY of the
following: Did you try to give up cigarettes
ALL at ONCE?

EDITED UNIVERSE:

PEE1c3=1,2,-2,-3,-9

VALID ENTRIES:

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

PEE1D   2   Please tell me which one statement is true   1219-1220
about this most recent quit attempt where
you tried to give up cigarettes all at once:

EDITED UNIVERSE:

PEE1c4=1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1 I tried to quit as soon as I made the decision
2 I planned the quit for later the same day
3 I planned the quit for a date in the future
4 I decided to quit after having NOT smoked
for some other reason
-2 Don't Know
-3 Refused
-9 No response

PEE1E   2   When you tried to quit all at once, would you   1221-1222
say you TRIED TO QUIT "cold turkey"? (FR
Note: "Cold turkey" is stopping all at once
without any aids)

EDITED UNIVERSE:

PEE1d=1,2,3,4,-2,-3,-9

VALID ENTRIES:

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

PEF1A   2   In the PAST 12 MONTHS, have you SEEN a   1223-1224
medical doctor?

EDITED UNIVERSE:

Self response and PEA3=1,2

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEF1B   2   During the PAST 12 MONTHS, did any medical   1225-1226
doctor ADVISE you to stop smoking?

EDITED UNIVERSE:

PEF1a=1

<u>VALID ENTRIES:</u>

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

PEF1C1   2   In the PAST 12 MONTHS, when a medical   1227-1228
doctor advised you to quit smoking, did the
doctor also: Suggest that you call or use a
telephone help line or quit line?

EDITED UNIVERSE:

PEF1b=1

<u>VALID ENTRIES:</u>

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

PEF1C2   2   In the PAST 12 MONTHS, when a medical   1229-1230
doctor advised you to quit smoking, did the
doctor also: Suggest that you use a smoking
cessation class, program, or counseling?

EDITED UNIVERSE:

PEF1c1=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEF1C3   2   In the PAST 12 MONTHS, when a medical   1231-1232
doctor advised you to quit smoking, did the
doctor also: Recommend or Prescribe a
nicotine product such as a patch, gum,
lozenge, nasal spray or inhaler?

EDITED UNIVERSE:

PEF1c2=1,2,-2,-3,-9

VALID ENTRIES:

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

PEF1C4   2   In the PAST 12 MONTHS, when a medical   1233-1234
doctor advised you to quit smoking, did the
doctor also: Prescribe a pill such as Chantix,
Varenicline, Zyban, Bupropion, or Wellbutrin?

EDITED UNIVERSE:

PEF1c3=1,2,-2,-3,-9

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEF1C5	2	In the PAST 12 MONTHS, when a medical doctor advised you to quit smoking, did the doctor also: Suggest that you set a specific date to stop smoking?	1235-1236

EDITED UNIVERSE:

PEF1c4=1,2,-2,-3,-9

VALID ENTRIES:

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

| PEF2A | 2 | In the PAST 12 MONTHS, have you seen a dentist? | 1237-1238 |

EDITED UNIVERSE:

Self response and PEA3=1,2

VALID ENTRIES:

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

| PEF2B | 2 | During the PAST 12 MONTHS, did any dentist ADVISE you to stop smoking? | 1239-1240 |

EDITED UNIVERSE:

PEF2a=1

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

| PEF2C1 | 2 | In the PAST 12 MONTHS, when a dentist advised you to quit smoking, did the dentist also suggest that you call or use a telephone help line or quit line? | 1241-1242 |

EDITED UNIVERSE:

PEF2b=1

<u>VALID ENTRIES:</u>

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

| PEF2C2 | 2 | In the PAST 12 MONTHS, when a dentist advised you to quit smoking, did the dentist also: Suggest that you use a smoking cessation class, program, or counseling? | 1243-1244 |

EDITED UNIVERSE:

PEF2c1=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

PEF2C3   2   In the PAST 12 MONTHS, when a dentist advised you to quit smoking, did the dentist also: Recommend or Prescribe a nicotine product such as a patch, gum, lozenge, nasal spray or inhaler?   1245-1246

EDITED UNIVERSE:

PEF2c2=1,2,-2,-3,-9

VALID ENTRIES:

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

PEF2C4   2   In the PAST 12 MONTHS, when a dentist advised you to quit smoking, did the dentist also: Prescribe a pill such as Chantix, Varenicline, Zyban, Bupropion, or Wellbutrin?   1247-1248

EDITED UNIVERSE:

PEF2c3=1,2,-2,-3,-9

VALID ENTRIES:

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

PEF2C5   2   In the PAST 12 MONTHS, when a dentist advised you to quit smoking, did the dentist also: Suggest that you set a specific date to stop smoking?   1249-1250

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEF2c4=1,2,-2,-3,-9

VALID ENTRIES:

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

PEG1   2   Are you seriously considering quitting smoking within the next 6 months?   1251-1252

EDITED UNIVERSE:

Self response and PEA3=1,2

VALID ENTRIES:

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

PEG2   2   Are you planning to quit within the next 30 days?   1253-1254

EDITED UNIVERSE:

PEG1=1

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEG3	2	Overall, on a scale from 1 to 10 where 1 is NOT AT ALL interested and 10 is EXTREMELY interested, how interested are you in quitting smoking?	1255-1256

EDITED UNIVERSE:

PEG1=2,-2,-3,-9 or PEG2=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

1:10 Number
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
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?	1257-1258

EDITED UNIVERSE:

PEG3=2-10,-2,-3,-9

<u>VALID ENTRIES:</u>

1 Not at all
2 A little likely
3 Somewhat likely
4 Very likely
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PEH1NUM	2	About how long has it been since you COMPLETELY quit smoking cigarettes?	1259-1260

EDITED UNIVERSE:

PEA3=3 and self response

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1:97 Number
-2 Don't Know
-3 Refused
-9 No response

PEH1UNT   2   About how long has it been since you COMPLETELY quit smoking cigarettes? Enter Unit Reported.   1261-1262

EDITED UNIVERSE:

PEH1NUM=1-97

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?   1263-1264

EDITED UNIVERSE:

PEA3=3 and Self Respondent

VALID ENTRIES:

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

PEH2A   2   At what age did you first start to smoke cigarettes EVERY DAY?   1265-1266

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEH2=1

VALID ENTRIES:

1:97 Age
-2 Don't Know
-3 Refused
-9 No response

PEH2B   2   When you first started to smoke EVERY DAY,   1267-1268
were you living in (Fill state or country name
from PRA2b1 or PRA2c1) or somewhere else?

EDITED UNIVERSE:

PEH2a=1-AGE and (PRA2b1=valid state or
country code OR PRA2c1=valid state or
country code)

VALID ENTRIES:

1 In (Fill state or country name from PRA2b1 or PRA2c1)
2 Somewhere else
-2 Don't Know
-3 Refused
-9 No response

PRH2BSP1   3   Please specify the other state or country you   1269-1271
were living in when you first started to smoke
EVERY DAY.

EDITED UNIVERSE:

PEH2b=1,2

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

-1 Not in universe
001 Alabama
002 Alaska
004 Arizona
005 Arkansas
006 California
008 Colorado
009 Connecticut
010 Delaware
011 District of Columbia
012 Florida
013 Georgia
015 Hawaii
016 Idaho
017 Illinois
018 Indiana
019 Iowa
020 Kansas
021 Kentucky
022 Louisiana
023 Maine
024 Maryland
025 Massachusetts
026 Michigan
027 Minnesota
028 Mississippi
029 Missouri
030 Montana
031 Nebraska
032 Nevada
033 New Hampshire
034 New Jersey
035 New Mexico
036 New York
037 North Carolina
038 North Dakota
039 Ohio
040 Oklahoma
041 Oregon
042 Pennsylvania

044 Rhode Island
045 South Carolina
046 South Dakota
047 Tennessee
048 Texas
049 Utah
050 Vermont
051 Virginia
053 Washington
054 West Virginia
055 Wisconsin
056 Wyoming
057 United States (state unknown)
066 Guam
073 Puerto Rico
078 U. S. Virgin Islands
096 Other U. S. Island Areas
100 Albania
102 Austria
103 Belgium
104 Bulgaria
105 Czechoslovakia
106 Denmark
108 Finland
109 France
110 Germany
116 Greece
117 Hungary
119 Ireland
120 Italy
126 Netherlands
127 Norway
128 Poland
129 Portugal
130 Azores
132 Romania
134 Spain
136 Sweden
137 Switzerland
138 United Kingdom

139 England
140 Scotland
141 Wales
142 Northern Ireland
147 Yugoslavia
148 Czech Republic
149 Slovakia
150 Bosnia & Herzegovina
151 Croatia
152 Macedonia
154 Serbia
156 Latvia
157 Lithuania
158 Armenia
159 Azerbaijan
160 Belarus
161 Georgia
162 Moldova
163 Russia
164 Ukraine
165 USSR
166 Europe, not specified
167 Kosovo
200 Afghanistan
202 Bangladesh
205 Myanmar (Burma)
206 Cambodia
207 China
208 Cyprus
209 Hong Kong
210 India
211 Indonesia
212 Iran
213 Iraq
214 Israel
215 Japan
216 Jordan
217 Korea
220 South Korea
222 Kuwait

223 Laos
224 Lebanon
226 Malaysia
229 Nepal
231 Pakistan
233 Philippines
235 Saudi Arabia
236 Singapore
238 Sri Lanka
239 Syria
240 Taiwan
242 Thailand
243 Turkey
246 Uzbekistan
247 Vietnam
248 Yemen
249 Asia, not specified
300 Bermuda
301 Canada
303 Mexico
310 Belize
311 Costa Rica
312 El Salvador
313 Guatemala
314 Honduras
315 Nicaragua
316 Panama
321 Antigua and Barbuda
323 Bahamas
324 Barbados
327 Cuba
328 Dominica
329 Dominican Republic
330 Grenada
332 Haiti
333 Jamaica
338 St. Kitts--Nevis
339 St. Lucia
340 St. Vincent and the Grenadines
341 Trinidad and Tobago

343 West Indies, not specified
360 Argentina
361 Bolivia
362 Brazil
363 Chile
364 Columbia
365 Ecuador
368 Guyana
369 Paraguay
370 Peru
372 Uruguay
373 Venezuela
374 South America, not specified
399 Americas, not specified
400 Algeria
407 Cameroon
408 Cape Verde
414 Egypt
416 Ethiopia
417 Eritrea
421 Ghana
427 Kenya
429 Liberia
436 Morocco
440 Nigeria
444 Senegal
447 Sierra Leone
448 Somalia
449 South Africa
451 Sudan
453 Tanzania
457 Uganda
461 Zimbabwe
462 Africa, not specified
501 Australia
508 Fiji

NAME	SIZE	DESCRIPTION	LOCATION

515 New Zealand
523 Tonga
527 Samoa
528 Oceania, not specified
555 Elsewhere

PEH5   2   For how long did you smoke EVERY DAY?   1272-1273

EDITED UNIVERSE:

PEH2=1

VALID ENTRIES:

1 All or nearly all the years you have smoked
2 Most of the years you have smoked
3 Half of the years you have smoked
4 Less than half the years you have smoked
5 Less than one year
-2 Don't Know
-3 Refused
-9 No response

PTH5A   2   When you last smoked every day, on average   1274-1275
how many cigarettes did you smoke each day?
Top coded at 60.
Weighted average topcode: 61.89

EDITED UNIVERSE:

PEH2=1

VALID ENTRIES:

1:97 Number of Cigarettes
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION

PTH5B   2   Think of the time during your life when you   1276-1277
              SMOKED THE MOST. During that time, how
              many cigarettes did you smoke each day?
              Note: One pack usually equals 20 cigarettes.
              If converting pack to cigarettes, always verify
              calculation with respondent.
              Enter number of cigarettes per day (1-99)
              Top coded at 60. Weighted average topcode: 65.87

              EDITED UNIVERSE:

              PEH2=1

              VALID ENTRIES:

              1:97 Number of Cigarettes
              -2 Don't Know
              -3 Refused
              -9 No response

PEH6   2   Around this time 12 MONTHS AGO, were you   1278-1279
              smoking cigarettes every day, some days, or
              not at all?

              EDITED UNIVERSE:

              (PEH1UNT=1 and PEH1NUM<=97) OR
              (PEH1UNT=2 and PEH1NUM<=52) OR
              (PEH1UNT=3 and PEH1NUM<=12) OR
              (PEH1UNT=4 and PEH1NUM=1) OR (PEH2=
              2,-2,-3, -9 and PEH1NUM<=1 and PEH1UNT=4)

              VALID ENTRIES:

              1 Every day
              2 Some days
              3 Not at all
              -2 Don't Know
              -3 Refused
              -9 No response

NAME	SIZE	DESCRIPTION	LOCATION

PTH6A   2

Around this time 12 MONTHS AGO, on the
average, about how many cigarettes did you
smoke each day?
Note: One pack usually equals 20 cigarettes.
If converting pack to cigarettes, always verify
calculation with respondent.
Enter number of cigarettes per day (1-99)
Top code at 40. Weighted average topcode: 41.71

1280-1281

EDITED UNIVERSE:

PEH6=1

VALID ENTRIES:

1:97 Number of Cigarettes
-2 Don't Know
-3 Refused
-9 No response

PEH6B   2

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

1282-1283

EDITED UNIVERSE:

PEH6=2

VALID ENTRIES:

1:30 Number of Days
-2 Don't Know
-3 Refused
-5 None
-9 No response

PTH6C   2

On the average, on those (Fill PEH6b entry)
days, how many cigarettes did you usually
smoke each day?
Top coded at 20. Weighted average topcode: 21,82

1284-1285

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEH6B=1-30 or -2 or -3 or -9

VALID ENTRIES:

1:97 Number of Cigarettes
-2 Don't Know
-3 Refused
-9 No response

PEH6CI   2   Around this time 12 MONTHS AGO, were you   1286-1287
usually smoking menthol or non-menthol cigarettes?

EDITED UNIVERSE:

PEH6=-2,-3,-9 OR PTH6A=1-97,-2,-3,-9 OR
PTH6C=1-97,-2,-3,-9

VALID ENTRIES:

1 Menthol
2 Non-menthol
3 No usual type
-2 Don't Know
-3 Refused
-9 No response

PEH6C2   2   Thinking back to the 12 MONTHS BEFORE YOU   1288-1289
QUIT SMOKING CIGARETTES, during that
time, did you usually smoke menthol or non-
menthol cigarettes?

EDITED UNIVERSE:

(PEH1num/unt>1 year, 12 months, 52 weeks
AND PEH1num/unt <= 3 years, 36 months, 97
weeks) OR PEH6=3 OR PEH6B=-5

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1 Menthol
2 Non-menthol
3 No usual type
-2 Don't Know
-3 Refused
-9 No response

PEH6C31   2   For each of the following, please tell me whether it's a reason you usually smoked (If PEH6C2=1 or PEH6Ci=1, fill "menthol". Else if PEH6C2=2 or PEH6Ci=2, fill "non-menthol".) cigarettes? Please answer yes or no for each. They were less harmful than (If PEH6C2=1 or PEH6Ci=1 fill "non-menthol". Else if PEH6C2=2 or PEH6Ci=2 fill "menthol".) cigarettes?   1290-1291

EDITED UNIVERSE:

PEH6Ci=1 or 2 OR PEH6C2=1 or 2

VALID ENTRIES:

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

PEH6C32   2   For each of the following, please tell me whether it's a reason you usually smoked (Fill answer from PEH6Ci or PEH6C2) cigarettes? Please answer yes or no for each. They had a better flavor than (Fill opposite answer from PEH6Ci or PEH6C2) cigarettes?   1292-1293

EDITED UNIVERSE:

PEH6C31=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

PEH6C33 2 For each of the following, please tell me whether it's a reason you usually smoked (Fill answer from PEH6Ci or PEH6C2) cigarettes? Please answer yes or no for each. They were less harsh on your THROAT than (Fill opposite answer from PEH6Ci or PEH6C2) cigarettes?   1294-1295

EDITED UNIVERSE:

PEH6C32=1,2,-2,-3,-9

VALID ENTRIES:

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

PEH6C34 2 For each of the following, please tell me whether it's a reason you usually smoked (Fill answer from PEH6Ci or PEH6C2) cigarettes? Please answer yes or no for each. They were less harsh on your CHEST than (Fill opposite answer from PEH6Ci or PEH6C2) cigarettes?   1296-1297

EDITED UNIVERSE:

PEH6C33=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH6C4   2   Have you EVER smoked MENTHOL cigarettes   1298-1299
for 6 months or more?

EDITED UNIVERSE:

PEH6Ci=2,3,-2,-3,-9 OR PEH6C2=2,3,-2,-3,-9

VALID ENTRIES:

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

PEH6C5   2   For how long have you smoked MENTHOL   1300-1301
cigarettes?

EDITED UNIVERSE:

PEH6Ci=1 OR PEH6C2=1 OR PEH6C4=1

VALID ENTRIES:

1 All or nearly all the years you have smoked
2 Most of the years you have smoked
3 Half of the years you have smoked
4 Less than half the years you have smoked
5 Less than one year
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION

PEH6D1 2 Now I would like to ask about HOW you went 1302-1303
about completely quitting smoking. When you
quit smoking completely, did you use ANY of
the following PRODUCTS: A nicotine patch?

EDITED UNIVERSE:

PEH1num AND PEH1unt le 3 years (or 36
months, or 97 weeks or 97 days)

<u>VALID ENTRIES:</u>

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

PEH6D2 2 When you quit smoking completely, did you 1304-1305
use ANY of the following PRODUCTS: A
nicotine gum or nicotine lozenge?

EDITED UNIVERSE:

PEH6d1=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEH6D3 2 When you quit smoking completely, did you 1306-1307
use ANY of the following PRODUCTS: A
nicotine nasal spray or nicotine inhaler?

EDITED UNIVERSE:

PEH6d2=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH6DNUM	2	In total, how long did you use (Fill product from PEH6d1 and/or PEH6d2 and/or PEH6d3) during your last quit attempt when you stopped smoking completely?	1308-1309

EDITED UNIVERSE:

PEH6d1=1 OR PEH6d2=1 OR PEH6d3=1

VALID ENTRIES:

1:97 Number
-2 Don't Know
-3 Refused
-9 No response

PEH6DUNT	2	In total, how long did you use (Fill product from PEH6d1 and/or PEH6d2 and/or PEH6d3) during your last quit attempt when you stopped smoking completely? Enter the unit: days, weeks, months	1310-1311

EDITED UNIVERSE:

PEH6dnum>0

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEH6D7A   2

When you quit smoking completely, did you use ANY of the following PRODUCTS: A prescription pill, called Chantix or Varenicline?

1312-1313

EDITED UNIVERSE:

PEH6d1=1,2,-2,-3,-9

VALID ENTRIES:

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

PEH6D7B   2

When you quit smoking completely, did you use ANY of the following PRODUCTS: A prescription pill, called Zyban, Bupropion, or Wellbutrin?

1314-1315

EDITED UNIVERSE:

PEH6d7a=1,2,-2,-3,-9

VALID ENTRIES:

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

PEH6D7C   2

When you quit smoking completely, did you use ANY of the following PRODUCTS: Another prescription pill?

1316-1317

EDITED UNIVERSE:

PEH6d7b=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH6D7NM   2   In total, how long did you use (Fill with response from PEH6d7a and/or PEH6d7b and/or PEH6d7c) during your last quit attempt when you stopped smoking completely?   1318-1319

EDITED UNIVERSE:

PEH6d7a=1 OR PEH6d7b=1 OR PEH6d7c=1

VALID ENTRIES:

1:97 Number
-2 Don't Know
-3 Refused
-9 No response

PEH6D7UT   2   In total, how long did you use (Fill with response from PEH6d7a and/or PEH6d7b and/or PEH6d7c) during your last quit attempt when you stopped smoking completely? Enter the units: days, weeks, months   1320-1321

EDITED UNIVERSE:

PEH6d7nm>0

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEH6E1 2 When you quit smoking completely, did you 1322-1323
use ANY of the following: A telephone help
line or quit line?

EDITED UNIVERSE:

PEH6d1=1,2,-2,-3,-9

VALID ENTRIES:

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

PEH6E2 2 When you quit smoking completely, did you 1324-1325
use ANY of the following: One-on-one
counseling?

EDITED UNIVERSE:

PEH6e1=1,2,-2,-3,-9

VALID ENTRIES:

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

PEH6E3 2 When you quit smoking completely, did you 1326-1327
use ANY of the following: A stop smoking
clinic, class, or support group?

EDITED UNIVERSE:

PEH6e2=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEH6E4   2   When you quit smoking completely, did you use ANY of the following: Help or support from friends or family?   1328-1329

EDITED UNIVERSE:

PEH6e3=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEH6E5   2   When you quit smoking completely, did you use ANY of the following: The Internet or a web-based program?   1330-1331

EDITED UNIVERSE:

PEH6e4=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

PEH6E6   2

When you quit smoking completely, did you use ANY of the following: Books, pamphlets videos or other materials?

1332-1333

EDITED UNIVERSE:

PEH6e5=1,2,-2,-3,-9

VALID ENTRIES:

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

PEH6E7   2

When you quit smoking completely, did you use ANY of the following: Acupuncture or hypnosis?

1334-1335

EDITED UNIVERSE:

PEH6e6=1,2,-2,-3,-9

VALID ENTRIES:

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

PEH6E7A   2

When you quit smoking completely, did you use ANY of the following: Acupuncture or hypnosis? Which? Acupuncture or hypnosis or both?

1336-1337

EDITED UNIVERSE:

PEH6e7=1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH6FA1 2 When you quit smoking completely, did you do ANY of the following: Please mention ALL methods, whether or not you think they were effective: Try to quit by GRADUALLY cutting back on cigarettes? 1338-1339

EDITED UNIVERSE:

PEH6e7=1,2,-2,-3,-9

VALID ENTRIES:

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

PEH6FA2 2 When you quit smoking completely, did you do ANY of the following: Please mention ALL methods, whether or not you think they were effective: Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff, or snus? 1340-1341

EDITED UNIVERSE:

PEH6fa1=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEH6FA2B   2   When you quit smoking completely, did you do   1342-1343
ANY of the following: Please mention ALL
methods, whether or not you think they were
effective: Try to quit by SWITCHING to
regular cigars, cigarillos, little filtered cigars or
pipes filled with tobacco?

EDITED UNIVERSE:

PEH6fa2=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEH6FA3   2   When you quit smoking completely, did you do   1344-1345
ANY of the following: Please mention ALL
methods, whether or not you think they were
effective: Did you SWITCH to a "lighter"
cigarette in order to TRY TO QUIT?

EDITED UNIVERSE:

PEH6fa2b=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH6FA3B	2	Did you SWITCH to menthol cigarettes in order to TRY TO QUIT? (FR Note: If the respondent says they were already smoking menthol cigarettes when they tried to quit, then the answer is "No, they didn't switch to try to quit".)	1346-1347

EDITED UNIVERSE:

PEH6fa3=1,2,-2,-3,-9 AND (PEH6ci=2,3,-2,-3,-9 OR PEH6c2= 2,3,-2,-3,-9)

VALID ENTRIES:

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

PEH6FA3C	2	Did you SWITCH to non-menthol cigarettes in order to TRY TO QUIT? (FR Note: If respondent says they were already smoking non-menthol cigarettes when they tried to quit, then the answer is "No, they didn't switch to try to quit")	1348-1349

EDITED UNIVERSE:

(PEH6fa3=1,2,-2,-3,-9 AND [PEH6ci=1 or PEH6c2=1]) OR (PEH6fa3b=1,2,-2,-3,-9 AND [PEH6ci=1,3,-2,-3,-9 OR PEH6c2=1,3,-2,-3,-9])

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH6FA4	2	When you quit smoking completely, did you do ANY of the following: Please mention ALL methods, whether or not you think they were effective: Did you try to give up cigarettes all at once?	1350-1351

EDITED UNIVERSE:

PEH6fa3=1,2,-2,-3,-9

VALID ENTRIES:

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

PEH6F1	2	Please tell me which is true about when you completely quit smoking by giving up cigarettes all at once:	1352-1353

EDITED UNIVERSE:

PEH6fa4=1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1 I tried to quit as soon as I made the decision
2 I planned the quit for later the same day
3 I planned the quit for a date in the future
4 I decided to quit after having NOT smoked for some other reason
-2 Don't Know
-3 Refused
-9 No response

PEH6F2   2   When you completely stopped smoking by   1354-1355
quitting ALL AT ONCE, would you say you
QUIT "COLD TURKEY"? (FR Note: "Cold
turkey" is stopping all at once without any
aids.)

EDITED UNIVERSE:

PEH6f1=1,2,3,4,-2,-3,-9

VALID ENTRIES:

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

PEH61A   2   In the 12 MONTHS BEFORE you COMPLETELY   1356-1357
quit smoking, did you SEE a medical doctor?

EDITED UNIVERSE:

PEH6fa1=1,2,-2,-3,-9

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEH61B	2	During the 12 MONTHS BEFORE you completely quit smoking, did any medical doctor ADVISE you to stop smoking?	1358-1359

EDITED UNIVERSE:

PEH61a=1

<u>VALID ENTRIES:</u>

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

| PEH61C1 | 2 | In the 12 MONTHS BEFORE you quit smoking, when a medical doctor advised you to quit smoking, did the doctor also suggest that you call or use a telephone help line or quit line? | 1360-1361 |

EDITED UNIVERSE:

PEH61b=1

<u>VALID ENTRIES:</u>

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

| PEH61C2 | 2 | In the 12 MONTHS BEFORE you quit smoking, when a medical doctor advised you to quit smoking, did the doctor also: suggest that you use a smoking cessation class, program, or counseling? | 1362-1363 |

EDITED UNIVERSE:

PEH61c1=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH61C3   2   In the 12 MONTHS BEFORE you quit smoking, when a medical doctor advised you to quit smoking, did the doctor also: recommend or prescribe a nicotine product such as a patch, gum, lozenge, nasal spray or inhaler?   1364-1365

EDITED UNIVERSE:

PEH61c2=1,2,-2,-3,-9

VALID ENTRIES:

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

PEH61C4   2   In the 12 MONTHS BEFORE you quit smoking, when a medical doctor advised you to quit smoking, did the doctor also: prescribe a pill such as Chantix, Varenicline, Zyban, Bupropion, or Wellbutrin?   1366-1367

EDITED UNIVERSE:

PEH61c3=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

| PEH61C5 | 2 | In the 12 MONTHS BEFORE you quit smoking, when a medical doctor advised you to quit smoking, did the doctor also: suggest that you set a specific date to stop smoking? | 1368-1369 |

EDITED UNIVERSE:

PEH61c4=1,2,-2,-3,-9

VALID ENTRIES:

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

| PEH62A | 2 | In the 12 MONTHS BEFORE you COMPLETELY quit smoking, did you SEE a dentist? | 1370-1371 |

EDITED UNIVERSE:

PEH61a=1,2,-2,-3,-9

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEH62B 2 During the 12 MONTHS BEFORE you completely quit smoking, did any dentist ADVISE you to stop smoking? 1372-1373

EDITED UNIVERSE:

PEH62a=1

<u>VALID ENTRIES:</u>

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

PEH62C1 2 In the 12 months before you quit smoking, when a dentist advised you to quit smoking, did the dentist also suggest that you call or use a telephone help line or quit line? 1374-1375

EDITED UNIVERSE:

PEH62b=1

<u>VALID ENTRIES:</u>

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

PEH62C2 2 In the 12 months before you quit smoking, when a dentist advised you to quit smoking, did the dentist also: suggest that you use a smoking cessation class, program, or counseling? 1376-1377

EDITED UNIVERSE:

PEH62c1=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEH62C3	2	In the 12 months before you quit smoking, when a dentist advised you to quit smoking, did the dentist also: recommend or prescribe a nicotine product such as a patch, gum, lozenge, nasal spray or inhaler?	1378-1379

EDITED UNIVERSE:

PEH62c2=1,2,-2,-3,-9

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEH62C4	2	In the 12 months before you quit smoking, when a dentist advised you to quit smoking, did the dentist also: prescribe a pill such as Chantix, Varenicline, Zyban, Bupropion, or Wellbutrin?	1380-1381

EDITED UNIVERSE:

PEH62c3=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH62C5   2   In the 12 months before you quit smoking, when a dentist advised you to quit smoking, did the dentist also: suggest that you set a specific date to stop smoking?   1382-1383

EDITED UNIVERSE:

PEH62c4=1,2,-2,-3,-9

VALID ENTRIES:

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

PEH8ANUM   2   During the 12 MONTHS before you quit smoking, how soon after you woke up did you typically smoke your first cigarette of the day?   1384-1385

EDITED UNIVERSE:

PEH62a=2,-2,-3,-9 OR PEH62b=2,-2,-3,-9 OR PEH62c5=1,2,-2,-3,-9

VALID ENTRIES:

1:90 Number
-2 Don't Know
-3 Refused
-5 Varies
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION

PEH8AUNT   2   During the 12 MONTHS before you quit   1386-1387
smoking, how soon after you woke up did you
typically smoke your first cigarette of the day?
Enter unit reported

EDITED UNIVERSE:

PEH8aNUM=1-90

VALID ENTRIES:

1 Minutes
2 Hours
-2 Don't Know
-3 Refused
-9 No response

PEH8B   2   During the 12 months before you quit   1388-1389
smoking, would you say you smoked your first
cigarette of the day within the first 30 minutes
of awakening?

EDITED UNIVERSE:

PEH8aNUM=-2,-3,-5,-9 OR PEH8aUNT=-2,-3,-9

VALID ENTRIES:

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

PEH8C   2   During the 12 months before you quit   1390-1391
smoking, did you sometimes awaken during
the night to have a cigarette?

EDITED UNIVERSE:

PEH8anum=1-90,-2,-3,-5,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1 Yes
2 No
3 Don't sleep at night
4 Use some other tobacco product when I awaken during the night
-2 Don't Know
-3 Refused
-9 No response

PEH11A   2   Thinking back to the 12 MONTHS BEFORE YOU   1392-1393
COMPLETELY QUIT SMOKING CIGARETTES.
During that time, DID YOU USUALLY SMOKE
menthol or non-menthol cigarettes?

EDITED UNIVERSE:

PEH1num AND PEH1unt > 3 years or 36 months

VALID ENTRIES:

1 Menthol
2 Non-menthol
3 No usual type
-2 Don't Know
-3 Refused
-9 No response

PEH11B1   2   For each of the following, please tell me   1394-1395
whether it's a reason you usually smoked (If
PEH11a=1, fill "menthol". Else if PEH11a=2,
fill "non-menthol".) cigarettes? Please answer
yes or no for each. They were less harmful
than (If PEH11a=1, fill "non-menthol". Else if
PEH11a=2, fill "menthol".)
cigarettes?

EDITED UNIVERSE:

PEH11a=1,2

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH11B2   2   For each of the following, please tell me whether it's a reason you usually smoked (Fill answer from PEH11a) cigarettes? Please answer yes or no for each. They had a better flavor than (Fill opposite answer from PEH11a) cigarettes?   1396-1397

EDITED UNIVERSE:

PEH11b1=1,2,-2,-3,-9

VALID ENTRIES:

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

PEH11B3   2   For each of the following, please tell me whether it's a reason you usually smoked (Fill answer from PEH11a) cigarettes? Please answer yes or no for each. They were less harsh on your THROAT than (Fill opposite answer from PEH11a) cigarettes?   1398-1399

EDITED UNIVERSE:

PEH11b2=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH11B4 2 For each of the following, please tell me   1400-1401
whether it's a reason you usually smoked (Fill
answer from PEH11a) cigarettes? Please
answer yes or no for each. They were less
harsh on your CHEST than (Fill opposite
answer from PEH11a) cigarettes?

EDITED UNIVERSE:

PEH11b3=1,2,-2,-3,-9

VALID ENTRIES:

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

PEH11C 2 Have you EVER smoked MENTHOL cigarettes 1402-1403
for 6 months or more?

EDITED UNIVERSE:

PEH11a= 2,3,-2,-3,-9

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEH11D   2   For how long had you smoked MENTHOL cigarettes?   1404-1405

EDITED UNIVERSE:

PEH11a=1 OR PEH11c=1

VALID ENTRIES:

1 All or nearly all the years you have smoked
2 Most of the years you have smoked
3 Half of the years you have smoked
4 Less than half the years you have smoked
5 Less than one year
-2 Don't Know
-3 Refused
-9 No response

PEJ1A1   2   (Have you/Has name) EVER used any of the following EVEN ONE TIME? ... A regular cigar or cigarillo OR a little filtered cigar?   1406-1407

EDITED UNIVERSE:

All persons eligible for the supplement

VALID ENTRIES:

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

PEJ1A2   2   (Have you/Has name) EVER used any of the following EVEN ONE TIME? ... A regular pipe filled with tobacco?   1408-1409

EDITED UNIVERSE:

PEJ1a1=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEJ1A3 2 (Have you/Has name) EVER used any of the 1410-1411
following EVEN ONE TIME? ... a water pipe or
hookah (who-kah) pipe filled with tobacco?

EDITED UNIVERSE:

PEJ1a2=1,2,-2,-3,-9

VALID ENTRIES:

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

PEJ1A4 2 (Have you/Has name) EVER used any of the 1412-1413
following EVEN ONE TIME? ... Smokeless
tobacco, such as moist snuff, dip, spit, chew
tobacco or snus?

EDITED UNIVERSE:

PEJ1a3=1,2,-2,-3,-9

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEJ2A1   2   (Do you/Does name) NOW smoke regular   1414-1415
                       cigars or cigarillos or little filtered cigars every
                       day, some days or not at all?

                       EDITED UNIVERSE:

                       PEJ1a1=1

                       <u>VALID ENTRIES:</u>

                       1 Every day
                       2 Some days
                       3 Not at all
                       -2 Don't Know
                       -3 Refused
                       -9 No response

PEJ2B1   2   On how many of the past 30 days did you   1416-1417
                       smoke regular cigars or cigarillos or little
                       filtered cigars?

                       EDITED UNIVERSE:

                       PEJ2a1=2 and self response

                       <u>VALID ENTRIES:</u>

                       1:30 Number of Days
                       -2 Don't Know
                       -3 Refused
                       -5 None
                       -9 No response

PEJ2A2   2   (Do you/Does name) NOW smoke a regular   1418-1419
                       pipe every day, some days or not at all?

                       EDITED UNIVERSE:

                       PEJ1a2=1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1 Every day
2 Some days
3 Not at all
-2 Don't Know
-3 Refused
-9 No response

PEJ2B2   2   On how many of the past 30 days did you   1420-1421
smoke a regular pipe?

EDITED UNIVERSE:

Self response AND PEJ2a2=2

VALID ENTRIES:

1:30 Number of Days
-2 Don't Know
-3 Refused
-5 None
-9 No response

PEJ2A3   2   (Do you/Does name) NOW use a water pipe or   1422-1423
hookah pipe filled with tobacco every day,
some days or not at all?

EDITED UNIVERSE:

PEJ1a3=1

VALID ENTRIES:

1 Every day
2 Some days
3 Not at all
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION

PEJ2B3   2   On how many of the past 30 days did you use   1424-1425
                      a water pipe or hookah pipe filled with
                      tobacco?

                      EDITED UNIVERSE:

                      Self response AND PEJ2a3=2

                      VALID ENTRIES:

                      1:30 Number of Days
                      -2 Don't Know
                      -3 Refused
                      -5 None
                      -9 No response

PEJ2A4   2   (Do you/Does name) NOW use smokeless   1426-1427
                      tobacco every day, some days or not at all?

                      EDITED UNIVERSE:

                      PEJ1a4=1

                      VALID ENTRIES:

                      1 Every day
                      2 Some days
                      3 Not at all
                      -2 Don't Know
                      -3 Refused
                      -9 No response

PEJ2B4   2   On how many of the past 30 days did you use   1428-1429
                      smokeless tobacco?

                      EDITED UNIVERSE:

                      Self response AND PEJ2a4=2

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1:30 Number of Days
-2 Don't Know
-3 Refused
-5 None
-9 No response

PEJA   2   During the past 30 days, what BRAND of   1430-1431
smokeless tobacco (FR Note: moist snuff, dip,
spit, chew or snus) did you use MOST OFTEN?

EDITED UNIVERSE:

PEJ2a4=1 or 2 and self response

VALID ENTRIES:

1 Beech-nut
2 Camel snus
3 Cope
4 Copenhagen
5 Cougar
6 Grizzly
7 Hawken
8 Husky
9 Kayak
10 Kodiak
11 Levi Garrett
12 Longhorn
13 Marlboro snus
14 Red Man
15 Red Seal
16 Rooster
17 Silver Creek
18 Skoal
19 Skoal snus
20 Taylor's Pride
21 Timber wolf
22 Other

NAME	SIZE	DESCRIPTION	LOCATION

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

PEJB   2   During the PAST 30 days, what type of CIGAR   1432-1433
did you use MOST OFTEN?

EDITED UNIVERSE:

PEJ2a1=1 or 2 and self response

VALID ENTRIES:

1 Regular/large cigars
2 Cigarillos
3 Little filtered cigars
-2 Don't Know
-3 Refused
-9 No response

PEJC   2   During the PAST 30 days, what BRAND of   1434-1435
CIGAR did you smoke MOST OFTEN?

EDITED UNIVERSE:

PEJb=1,2,3,-2,-3,-9

VALID ENTRIES:

1 Al Capone
2 Backwoods
3 Black and Milds (makes regular and cigarillo
medium size cigars with plastic hard filters
4 Captain Black
5 Dutch Masters
6 Dutch Treats
7 Erik
8 Hav-a-tampa
9 King Edward
10 Muriel
11 Phillies
12 Prime Time

13 Smoker's Choice
14 Swisher Sweet
15 Other
-2 Don't Know
-3 Refused
-9 No response

PEJCPRO	2	Is that a regular or little cigar? (FR Note: Little cigars are cigarette size with a filter.)	1436-1437

EDITED UNIVERSE:

PEJc=1,3,8,9,10,11,14,15

VALID ENTRIES:

1 Regular cigar
2 Little/small cigars
3 None of the above
4 More than one of the above
-2 Don't Know
-3 Refused
-9 No response

PEJCFLVR	2	During the past 30 days, did you USUALLY smoke flavored cigars? By flavored, we mean fruit, candy, alcohol, clove or any other flavorings.	1438-1439

EDITED UNIVERSE:

PEJc=1-15,-2,-3,-9

VALID ENTRIES:

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

PEJD11	2	About how long has it been since you COMPLETELY quit smoking cigars, cigarillos or little filter cigars?	1440-1441

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEJ2a1=3 and self response

<u>VALID ENTRIES:</u>

1:97 Number
-2 Don't Know
-3 Refused
-9 No response

PEJD21   2   About how long has it been since you   1442-1443
COMPLETELY quit smoking cigars, cigarillos or
little filter cigars? Enter units: days, weeks,
months, years

EDITED UNIVERSE:

PEJd11=1-97

<u>VALID ENTRIES:</u>

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

PEJD12   2   About how long has it been since you   1444-1445
COMPLETELY quit smoking a regular pipe filled
with tobacco?

EDITED UNIVERSE:

PEJ2a2=3 and self response

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1:97 Number
-2 Don't Know
-3 Refused
-9 No response

PEJD22   2   About how long has it been since you   1446-1447
COMPLETELY quit smoking a regular pipe filled
with tobacco? Enter units: days, weeks,
months, years

EDITED UNIVERSE:

PEJd12=1-97

VALID ENTRIES:

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

PEJD13   2   About how long has it been since you   1448-1449
COMPLETELY quit smoking a water pipe or
hookah pipe filled with tobacco?

EDITED UNIVERSE:

PEJ2a3=3 and self response

VALID ENTRIES:

1:97 Number
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PEJD23	2	About how long has it been since you COMPLETELY quit smoking a water pipe or hookah pipe filled with tobacco? Enter units: days, weeks, months, years	1450-1451

EDITED UNIVERSE:

PEJd13=1-97

<u>VALID ENTRIES:</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
PEJD14	2	About how long has it been since you COMPLETELY quit using a smokeless tobacco?	1452-1453

EDITED UNIVERSE:

PEJ2a4=3 and self response

<u>VALID ENTRIES:</u>

1:97 Number
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PEJD24	2	About how long has it been since you COMPLETELY quit using a smokeless tobacco? Enter units: days, weeks, months, years	1454-1455

EDITED UNIVERSE:

PEJd14=1-97

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEJD31	2	In total, how many years (have you smoked/did you smoke) cigars or cigarillos or little filtered cigars?	1456-1457

EDITED UNIVERSE:

PEJ1a1=1 and self response

VALID ENTRIES:

0:97 Number of Years
-2 Don't Know
-3 Refused
-9 No response

PEJD32	2	In total, how many years (did you smoke/have you smoked) a regular pipe?	1458-1459

EDITED UNIVERSE:

PEJ1a2=1 and self response

VALID ENTRIES:

0:97 Number of Years
-2 Don't Know
-3 Refused
-9 No response

PEJD33	2	In total, how many years (did you smoke/have you smoked) a water pipe or hookah pipe filled with tobacco?	1460-1461

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEJ1a3=1 and self response

VALID ENTRIES:

0:97 Number of Years
-2 Don't Know
-3 Refused
-9 No response

PEJD34   2   In total, how many years (did you use/have   1462-1463
you used) smokeless tobacco?

EDITED UNIVERSE:

PEJ1a4=1 and self response

VALID ENTRIES:

0:97 Number of Years
-2 Don't Know
-3 Refused
-9 No response

PEJ3A1   2   How soon after you wake up do you typically   1464-1465
(fill text from PRJ3A1F recode)?

EDITED UNIVERSE:

PEA3=3,-2,-3,-9 AND self respondent AND
(PEJ2a1=1,2 OR PEJ2a2=1,2 OR PEJ2a3=1,2
OR PEJ2a4=1,2)

VALID ENTRIES:

1:90 Number
-2 Don't Know
-3 Refused
-5 Varies
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PEJ3A2	2	How soon after you wake up do you typically (fill text from PRJ3A1F recode)? Enter minutes or hours	1466-1467

EDITED UNIVERSE:

PEJ3a1=1-90

VALID ENTRIES:

1 Minutes
2 Hours
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PEJ3D	2	Would you say you first (fill text from PRJ3DF recode) within the first 30 minutes of awakening?	1468-1469

EDITED UNIVERSE:

PEJ3a1= -2,-3,-5,-9 OR PEJ3a2=-2,-3,-9

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEJ3E	2	Do you sometimes awaken during the night to use tobacco?	1470-1471

EDITED UNIVERSE:

Self respondent AND PEA3=3,-2,-3,-9 AND
(PEJ2a1=1,2 OR PEJ2a2=1,2 or PEJ2a3=1,2
OR PEJ2a4=1,2)

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1 Yes
2 No
3 Don't sleep at night
-2 Don't Know
-3 Refused
-9 No response

PEJ3F1   2   In the 12 months BEFORE YOU COMPLETELY   1472-1473
QUIT (Fill text from PRJ3F1F recode), how
soon after you woke up did you typically (Fill
text from PRJ3F1AF recode)?

EDITED UNIVERSE:

Self respondent and ((PEA1=2) or (PEA3=3
and PEH1num/unt > 1 yr or 12 months or 52
weeks) and [(PEJ2a1=3 or PEJ1a1=2) and
(PEJ2a2=3 or PEJ1a2=2) and (PEJ2a3=3 or
PEJ1a3=2) and (PEJ2a4=3 or PEJ1a4=2)]
and only one of the following is met:
#1 ((PEJD11/21 le 1 year or 12 months or 52
weeks or 97 days) or #2 (PEJD12/22 le 1 year
or 12 months or 52 weeks or 97 days) or #3
(PEJd14/24 le 1 year or 12 months or 52
weeks or 97 days))

VALID ENTRIES:

1:90 Number
-2 Don't Know
-3 Refused
-5 Varies
-9 No response

PEJ3F2   2   In the 12 months BEFORE YOU COMPLETELY   1474-1475
QUIT (Fill text from PRJ3F1F recode), how
soon after you woke up did you typically
(Fill text from PRJ3F1AF recode)? Enter
minutes or hours

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEJ3f1=1-90

VALID ENTRIES:

1 Minutes
2 Hours
-2 Don't Know
-3 Refused
-9 No response

PEJ3G   2   Would you say you first used (Fill text from   1476-1477
PRJ3GF recode) within the first 30 minutes of
awakening?

EDITED UNIVERSE:

PEJ3f1=-2,-3,-5,-9 OR PEJ3f2=-2,-3,-9

VALID ENTRIES:

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

PEJ3H   2   During the 12 months BEFORE YOU   1478-1479
COMPLETELY QUIT (Fill text from PRJ3HF
recode), DID you sometimes awaken at night
to use tobacco?

EDITED UNIVERSE:

PEJ3f1=1-90,-2,-3,-5,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1 Yes
2 No
3 Don't sleep at night
4 Use some other tobacco product when I awaken during the night
-2 Don't Know
-3 Refused
-9 No response

PEJ4 2 During the PAST 12 MONTHS, have you 1480-1481
stopped (Fill text from PRJ4F recode) for one
day or longer BECAUSE YOU WERE TRYING
TO QUIT?

EDITED UNIVERSE:

Self respondent AND (PEA3=3,-2,-3,-9) AND
(PEJ2a3=3,-2,-3,-9) AND (only one of the
following 3 criteria is met: #1 [PEJ2a1=1 OR
(PEJ2a1=2 AND PEJ2b1 ge 12)] OR #2
[PEJ2a2=1 OR (PEJ2a2=2 AND PEJ2b2 ge
12)] OR #3 [PEJ2a4=1 OR (PEJ2a4=2 and
PEJ2b4 ge 12)]

VALID ENTRIES:

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

PEJ5NUM 2 The LAST TIME you stopped (fill text from 1482-1483
PRJ5numf recode) in the past 12 months
BECAUSE YOU WERE TRYING TO QUIT, how
long did you stop for?

EDITED UNIVERSE:

PEJ4=1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1:97 Number
-2 Don't Know
-3 Refused
-9 No response

PEJ5UNT   2   The LAST TIME you stopped (Fill text from   1484-1485
PRJ5numf recode) in the past 12 months
BECAUSE YOU WERE TRYING TO QUIT, how
long did you stop for? ENTER DAYS, WEEKS,
OR MONTHS

EDITED UNIVERSE:

PEJ5NUM=1-97

VALID ENTRIES:

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

PEJ6A   2   Was (Fill response from PEJ5num and   1486-1487
PEJ5unt) the LONGEST you went without (Fill
text from PRJ6af recode) in the past 12
months?

EDITED UNIVERSE:

PEJ5num>0 AND PEJ5unt=1,2,3

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEJ6BNUM   2   During the past 12 MONTHS, what is the   1488-1489
LONGEST length of time you stopped (Fill text
from PRJ6bnmF recode) because you were
trying to quit?

EDITED UNIVERSE:

PEJ6a=2,-2,-3,-9

<u>VALID ENTRIES:</u>

1:97 Number
-2 Don't Know
-3 Refused
-9 No response

PEJ6BUNT   2   During the past 12 MONTHS, what is the   1490-1491
LONGEST length of time you stopped (Fill text
from PRJ6bnmF recode) because you were
trying to quit? Enter days, weeks, or months

EDITED UNIVERSE:

PEJ6bnum=1-97

<u>VALID ENTRIES:</u>

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

PEJ7A1   2   If J3f1 ne blank, the introductory text is: 1492-1493
"Now I would like to ask about HOW you went
about completely quitting (fill applicable
PRJ7a1f recode text). When you
COMPLETELY quit (fill applicable PRJ7a1f
recode text),"

NAME	SIZE	DESCRIPTION	LOCATION

If J4=1, the introductory text is: "Thinking back about the last time you tried to quit (fill applicable PRJ7a1f recode text) in the past 12 months,"
Then, for both the J3f1 ne blank and J4=1 question text variations, the remainder of the question reads as follows: "Did you use any of the following PRODUCTS: A nicotine patch?"

EDITED UNIVERSE:

PEJ3f1=1-90,-2,-3,-5,-9 or PEJ4=1

VALID ENTRIES:

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

PEJ7A2   2   If J3f1 ne blank, the introductory text is: "Now I would like to ask about HOW you went about completely quitting (fill applicable PRJ7a1f recode text). When you COMPLETELY quit (fill applicable PRJ7a1f recode text),"   1494-1495
If J4=1, the introductory text is: "Thinking back about the last time you tried to quit (fill applicable PRJ7a1f recode text) in the past 12 months,"
Then, for both the J3f1 ne blank and J4=1 question text variations, the remainder of the question reads as follows: "Did you use any of the following PRODUCTS: A nicotine gum or lozenge?"

EDITED UNIVERSE:

PEJ7a1=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEJ7A3   2   If J3f1 ne blank, the introductory text is: 1496-1497
"Now I would like to ask about HOW you went
about completely quitting (fill applicable
PRJ7a1f recode text). When you
COMPLETELY quit (fill applicable PRJ7a1f
recode text),"
If J4=1, the introductory text is: "Thinking
back about the last time you tried to quit (fill
applicable PRJ7a1f recode text) in the past 12
months,"
Then, for both the J3f1 ne blank and J4=1
question text variations, the remainder of the
question reads as follows: "Did you use
any of the following PRODUCTS: A nicotine
nasal spray or inhaler?"

EDITED UNIVERSE:

PEJ7a2=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEJ7A7A   2   If J3f1 ne blank, the introductory text is: 1498-1499
"Now I would like to ask about HOW you went
about completely quitting (fill applicable
PRJ7a1f recode text). When you

NAME	SIZE	DESCRIPTION	LOCATION

COMPLETELY quit (fill applicable PRJ7a1f recode text),"
If J4=1, the introductory text is: "Thinking back about the last time you tried to quit (fill applicable PRJ7a1f recode text) in the past 12 months,"
Then, for both the J3f1 ne blank and J4=1 question text variations, the remainder of the question reads as follows: "Did you use any of the following PRODUCTS: A prescription pill called Chantix or Varenicline?"

EDITED UNIVERSE:

PEJ7a3=1,2,-2,-3,-9

VALID ENTRIES:

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

PEJ7A7B   2   If J3f1 ne blank, the introductory text is: "Now I would like to ask about HOW you went about completely quitting (fill applicable PRJ7a1f recode text). When you COMPLETELY quit (fill applicable PRJ7a1f recode text),"   1500-1501
If J4=1, the introductory text is: "Thinking back about the last time you tried to quit (fill applicable PRJ7a1f recode text) in the past 12 months,"
Then, for both the J3f1 ne blank and J4=1 question text variations, the remainder of the question reads as follows: "Did you use any of the following PRODUCTS: A prescription pill called Zyban, Bupropion, or Wellbutrin?"

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEJ7a7a=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEJ7A7C   2   If J3f1 ne blank, the introductory text is: 1502-1503
"Now I would like to ask about HOW you went
about completely quitting (fill applicable
PRJ7a1f recode text). When you
COMPLETELY quit (fill applicable PRJ7a1f
recode text),"
If J4=1, the introductory text is: "Thinking
back about the last time you tried to quit (fill
applicable PRJ7a1f recode text) in the past 12
months,"
Then, for both the J3f1 ne blank and J4=1
question text variations, the remainder of the
question reads as follows: "Did you use any of
the following PRODUCTS: Another prescription
pill?"

EDITED UNIVERSE:

PEJ7a7b=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
PEJ7B1	2	If J3f1 ne blank, the introductory text is: "When you COMPLETELY quit (fill applicable PRJ7b1f recode text)," If J4=1, the introductory text is: "The LAST TIME you tried to quit (fill applicable PRJ7b1f recode text)" Then, for both the J3f1 ne blank and J4=1 question text variations, the remainder of the question reads as follows: "Did you use ANY of the following: A telephone help line or quit line?"	1504-1505

EDITED UNIVERSE:

PEJ7a7c=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

| PEJ7B2 | 2 | If J3f1 ne blank, the introductory text is: "When you COMPLETELY quit (fill applicable PRJ7b1f recode text)," If J4=1, the introductory text is: "The LAST TIME you tried to quit (fill applicable PRJ7b1f recode text)" Then, for both the J3f1 ne blank and J4=1 question text variations, the remainder of the question reads as follows: "Did you use ANY of the following: One on one counseling?" | 1506-1507 |

EDITED UNIVERSE:

PEJ7b1=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

PEJ7B3   2

If J3f1 ne blank, the introductory text is: "When you COMPLETELY quit (fill applicable PRJ7b1f recode text),"
If J4=1, the introductory text is: "The LAST TIME you tried to quit (fill applicable PRJ7b1f recode text)"
Then, for both the J3f1 ne blank and J4=1 question text variations, the remainder of the question reads as follows: "Did you use ANY of the following: A stop smoking clinic, class, or support group?"

1508-1509

EDITED UNIVERSE:

PEJ7b2=1,2,-2,-3,-9

VALID ENTRIES:

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

PEJ7B4   2

If J3f1 ne blank, the introductory text is: "When you COMPLETELY quit (fill applicable PRJ7b1f recode text),"
If J4=1, the introductory text is: "The LAST TIME you tried to quit (fill applicable PRJ7b1f recode text)"

1510-1511

NAME	SIZE	DESCRIPTION	LOCATION

Then, for both the J3f1 ne blank and J4=1
question text variations, the remainder of the
question reads as follows: "Did you use ANY of
the following: Help or support from friends or
family?"

EDITED UNIVERSE:

PEJ7b3=1,2,-2,-3,-9

VALID ENTRIES:

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

PEJ7B5 2 If J3f1 ne blank, the introductory text is: 1512-1513
"When you COMPLETELY quit (fill applicable
PRJ7b1f recode text),"
If J4=1, the introductory text is: "The LAST
TIME you tried to quit (fill applicable PRJ7b1f
recode text)"
Then, for both the J3f1 ne blank and J4=1
question text variations, the remainder of the
question reads as follows: "Did you use ANY of
the following: The internet or a web based
program?"

EDITED UNIVERSE:

PEJ7b4=1,2,-2,-3,-9

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEJ7B6   2

If J3f1 ne blank, the introductory text is: "When you COMPLETELY quit (fill applicable PRJ7b1f recode text)," If J4=1, the introductory text is: "The LAST TIME you tried to quit (fill applicable PRJ7b1f recode text)" Then, for both the J3f1 ne blank and J4=1 question text variations, the remainder of the question reads as follows: "Did you use ANY of the following: Books, pamphlets, videos, or other materials?"

1514-1515

EDITED UNIVERSE:

PEJ7b5=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEJ7B6B   2

If J3f1 ne blank, the introductory text is: "When you COMPLETELY quit (fill applicable PRJ7b1f recode text)," If J4=1, the introductory text is: "The LAST TIME you tried to quit (fill applicable PRJ7b1f recode text)" Then, for both the J3f1 ne blank and J4=1 question text variations, the remainder of the question reads as follows: did you use ANY of the following: Acupuncture or hypnosis?

1516-1517

EDITED UNIVERSE:

PEJ7b6=1,2,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEJ7B6C   2   If J3f1 ne blank, the introductory text is: 1518-1519
"When you COMPLETELY quit (fill applicable
PRJ7b1f recode text),"
If J4=1, the introductory text is: "The LAST
TIME you tried to quit (fill applicable PRJ7b1f
recode text)"
Then, for both the J3f1 ne blank and J4=1
question text variations, the remainder of the
question reads as follows: "Did you use ANY of
the following: Acupuncture or hypnosis?"
Which one? Acupuncture or hypnosis?

EDITED UNIVERSE:

PEJ7b6b=1

VALID ENTRIES:

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

PEJ7B7   2   If J3f1 ne blank, the introductory text is: 1520-1521
"When you COMPLETELY quit (fill applicable
PRJ7b1f recode text),"
If J4=1, the introductory text is: "The LAST
TIME you tried to quit (fill applicable PRJ7b1f
recode text)"

NAME	SIZE	DESCRIPTION	LOCATION

Then, for both the J3f1 ne blank and J4=1 question text variations, the remainder of the question reads as follows: "Did you use ANY of the following: Advice from a medical doctor,dentist, or other health professional?"

EDITED UNIVERSE:

PEJ7b6b=1,2,-2,-3,-9

VALID ENTRIES:

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

PEJ7B7A 2 If J3f1 ne blank, the introductory text is: "When you COMPLETELY quit (fill applicable PRJ7b1f recode text)," If J4=1, the introductory text is: "The LAST TIME you tried to quit (fill applicable PRJ7b1f recode text)" Then, for both the J3f1 ne blank and J4=1 question text variations, the remainder of the question reads as follows: "Did you use ANY of the following: Advice from a medical doctor, dentist, or other health professional? Which?" (FR Note: Specify doctor, dentist, other) 1522-1523

EDITED UNIVERSE:

PEJ7b7=1

VALID ENTRIES:

1 Medical doctor
2 Dentist
3 Other health professional
4 More than one of the previous choices

NAME	SIZE	DESCRIPTION	LOCATION

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

PEJ7C1   2   If J3f1 ne blank, the introductory text is: 1524-1525
"When you COMPLETELY quit (fill applicable
PRJ7C1F recode text),"
Else if J4=1, the introductory text is: "The
LAST TIME you tried to QUIT (fill applicable
PRJ7C1F recode text) in the past 12 months,"
Then, for both the J3f1 ne blank and J4=1
question text variations, the remainder of the
question reads as follows: "Did you do ANY of
the following: Stop by gradually cutting back
on (Fill applicable PRJ7C1F recode text) in
order to TRY TO QUIT?"

EDITED UNIVERSE:

PEJ7b7=1,2,-2,-3,-9

<u>VALID ENTRIES:</u>

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

PEJ7C2   2   If J3f1 ne blank, the introductory text is: 1526-1527
"When you COMPLETELY quit (fill applicable
PRJ7C1F recode text),"
Else if J4=1, the introductory text is: "The
LAST TIME you tried to QUIT (fill applicable
PRJ7C1F recode text) in the past 12 months,"
Then, for both the J3f1 ne blank and J4=1
question text variations, the remainder of the
question reads as follows: did you do ANY of
the following: Did you TRY GIVING IT UP ALL
AT ONCE?

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEJ7c1=1,2,-2,-3,-9

VALID ENTRIES:

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

PEJ7C2A   2   Would you say you TRIED TO QUIT "cold turkey"? (FR Note: "Cold turkey" is stopping all at once without any aids.)   1528-1529

EDITED UNIVERSE:

PEJ7c2=1

VALID ENTRIES:

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

PEJJ1   2   Tobacco companies are developing new smokeless tobacco products, in various shapes, such as a pellet, a toothpick size stick, and a film strip, made from finely ground flavored tobacco that dissolves. Some common brands are Camel Orbs, Strips and Sticks. Have you tried any new smokeless tobacco products?   1530-1531

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

If (self respondent AND PEA3=1,2) OR if
(self respondent AND PEJ2a1=1,2 or PEJ2a2
or PEJ2a3 or PEJ2a4=1,2) OR If (self
respondent AND PEH1num/unt le 3 years, 36
months, 97 weeks, 97 days) OR If (self
respondent AND [PEJD11 or PEJD12 or
PEJD13 or PEJD14 le 3 years, 36 months, 97
weeks, 97 days])

VALID ENTRIES:

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

PEK1A   2   Do you mainly work indoors or outdoors? (FR   1532-1533
Note: If respondent has more than 1 job,
have them answer for their main job.)

EDITED UNIVERSE:

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

VALID ENTRIES:

1 Indoors
2 Outdoors
3 About equally indoors and outdoors
4 Works mainly indoors in a non-traditional
environment such as a warehouse or other
similar large semi-structured area

NAME	SIZE	DESCRIPTION	LOCATION

5 Mainly travel around to different clients or
sites or mainly in a motor
vehicle/bus/train/boat/airplane/underground/
in a mine, etc.
6 Varies
-2 Don't Know
-3 Refused
-9 No response

PEK1B   2   Do you mainly work in an office building, in   1534-1535
your own home, in someone else's home, or in
another indoor place?

EDITED UNIVERSE:

PEK1a=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

PEK1B11   2   In which State (including DC), do you work?   1536-1537

EDITED UNIVERSE:

PEK1a=4 or PEK1b=1,4,-2,-3,-9

VALID ENTRIES:

-2 Don't Know
-3 Refused
-9 No response
001 Alabama
002 Alaska
004 Arizona
005 Arkansas

NAME	SIZE	DESCRIPTION	LOCATION

006 California
008 Colorado
009 Connecticut
010 Delaware
011 District of Columbia
012 Florida
013 Georgia
015 Hawaii
016 Idaho
017 Illinois
018 Indiana
019 Iowa
020 Kansas
021 Kentucky
022 Louisiana
023 Maine
024 Maryland
025 Massachusetts
026 Michigan
027 Minnesota
028 Mississippi
029 Missouri
030 Montana
031 Nebraska
032 Nevada
033 New Hampshire
034 New Jersey
035 New Mexico
036 New York
037 North Carolina
038 North Dakota
039 Ohio
040 Oklahoma
041 Oregon
042 Pennsylvania
044 Rhode Island
045 South Carolina
046 South Dakota
047 Tennessee
048 Texas

049 Utah
050 Vermont
051 Virginia
053 Washington
054 West Virginia
055 Wisconsin
056 Wyoming
057 United States (state unknown)
088 Not in the U.S.

PEK1B2   2   When you work INDOORS: Do you mainly   1538-1539
work in an office building, in your own home,
in someone else's home, or in another indoor
place?

EDITED UNIVERSE:

PEK1a=3

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

PEK1C1   2   In which State (including DC), do you work on   1540-1541
your main indoor job or business?

EDITED UNIVERSE:

PEK1b2=1,4,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

-2 Don't Know
-3 Refused
-9 No response
001 Alabama
002 Alaska
004 Arizona
005 Arkansas
006 California
008 Colorado
009 Connecticut
010 Delaware
011 District of Columbia
012 Florida
013 Georgia
015 Hawaii
016 Idaho
017 Illinois
018 Indiana
019 Iowa
020 Kansas
021 Kentucky
022 Louisiana
023 Maine
024 Maryland
025 Massachusetts
026 Michigan
027 Minnesota
028 Mississippi
029 Missouri
030 Montana
031 Nebraska
032 Nevada
033 New Hampshire
034 New Jersey
035 New Mexico
036 New York
037 North Carolina
038 North Dakota

		039 Ohio	
		040 Oklahoma	
		041 Oregon	
		042 Pennsylvania	
		044 Rhode Island	
		045 South Carolina	
		046 South Dakota	
		047 Tennessee	
		048 Texas	
		049 Utah	
		050 Vermont	
		051 Virginia	
		053 Washington	
		054 West Virginia	
		055 Wisconsin	
		056 Wyoming	
		057 United States (state unknown)	
		088 Not in the U.S.	
PEK2A	2	Is smoking restricted in ANY WAY at your place of work?	1542-1543

EDITED UNIVERSE:

PEK1a=4 or PEK1b=1,4,-2,-3,-9 or PEK1b2=
1,4,-2,-3,-9

VALID ENTRIES:

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

| PEK3A | 2 | Which of these best describes the smoking policy at your place of work for INDOOR PUBLIC OR COMMON AREAS, such as lobbies, rest rooms, and lunch rooms? | 1544-1545 |

NAME	SIZE	DESCRIPTION	LOCATION

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
4 Not applicable
-2 Don't Know
-3 Refused
-9 No response

PEK3B   2   Which of these best describes the smoking   1546-1547
policy at your place of work for INDOOR
WORK AREAS?

EDITED UNIVERSE:

PEK3a=any response

VALID ENTRIES:

1 Not allowed in any work areas
2 Allowed in some work areas
3 Allowed in all work areas
4 Not applicable
-2 Don't Know
-3 Refused
-9 No response

PEK3C   2   During the PAST TWO WEEKS, has anyone   1548-1549
smoked in the area in which you work?

EDITED UNIVERSE:

PEK2a=2,-2,-3,-9 OR PEK3b=1,2,3,4,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEK3D   2   Within the PAST 12 MONTHS, has your employer offered any stop smoking program or any other help to employees who want to quit smoking?   1550-1551

EDITED UNIVERSE:

PEK1a=2,5,6,-2,-3,-9 OR PEK3c=1,2,-2,-3,-9

VALID ENTRIES:

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

PEK4   2   Which statement best describes the rules about smoking INSIDE YOUR HOME? (FR 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.)   1552-1553

EDITED UNIVERSE:

Self respondent

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEK6C   2   In bars, cocktail lounges, and clubs, do you   1554-1555
THINK that smoking SHOULD be allowed in all
areas, allowed in some areas, or not allowed
at all?

EDITED UNIVERSE:

PEK4=1,2,3,-2,-3,-9

VALID ENTRIES:

1 Allowed in all areas
2 Allowed in some areas
3 Not allowed at all
-2 Don't Know
-3 Refused
-9 No response

PEK6F   2   On outdoor children's playgrounds and   1556-1557
outdoor children's sports fields, do you THINK
that smoking SHOULD be allowed in all areas,
allowed in some areas, or not allowed at all?

EDITED UNIVERSE:

PEK6c=1,2,3,-2,-3,-9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1 Allowed in all areas
2 Allowed in some areas
3 Not allowed at all
-2 Don't Know
-3 Refused
-9 No response

PEK6G   2   Inside casinos, do you THINK that smoking   1558-1559
SHOULD be allowed in all areas, allowed in
some areas, or not allowed at all?

EDITED UNIVERSE:

PEK6f=1,2,3,-2,-3,-9

VALID ENTRIES:

1 Allowed in all areas
2 Allowed in some areas
3 Not allowed at all
-2 Don't Know
-3 Refused
-9 No response

PEK6H   2   Inside a car, when there are other people   1560-1561
present, do you THINK that smoking
SHOULD...

EDITED UNIVERSE:

PEK6g=1,2,3,-2,-3,-9

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEK6H2	2	IF children are present inside the car, do you think that smoking SHOULD...	1562-1563

EDITED UNIVERSE:

PEK6h=1,2,-2,-3,-9

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEK7	2	If menthol cigarettes were no longer sold, which of the following would you MOST LIKELY do:	1564-1565

EDITED UNIVERSE:

PEB2=1 OR PEC2=1

VALID ENTRIES:

1 Switch to non-menthol cigarettes
2 Switch to some other tobacco product
3 Quit smoking and not use any other tobacco product
4 None of the above
-2 Don't Know
-3 Refused
-9 No response

NAME	SIZE	DESCRIPTION	LOCATION
PRKST1	3	In what state or country (were/was you/name) born?	1566-1568

EDITED UNIVERSE:

NATVTY not equal to a Foreign Country

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

-2 Don't Know
-3 Refused
-9 No response
-1 Not in universe
001 Alabama
002 Alaska
004 Arizona
005 Arkansas
006 California
008 Colorado
009 Connecticut
010 Delaware
011 District of Columbia
012 Florida
013 Georgia
015 Hawaii
016 Idaho
017 Illinois
018 Indiana
019 Iowa
020 Kansas
021 Kentucky
022 Louisiana
023 Maine
024 Maryland
025 Massachusetts
026 Michigan
027 Minnesota
028 Mississippi
029 Missouri
030 Montana
031 Nebraska
032 Nevada
033 New Hampshire
034 New Jersey
035 New Mexico
036 New York
037 North Carolina

038 North Dakota
039 Ohio
040 Oklahoma
041 Oregon
042 Pennsylvania
044 Rhode Island
045 South Carolina
046 South Dakota
047 Tennessee
048 Texas
049 Utah
050 Vermont
051 Virginia
053 Washington
054 West Virginia
055 Wisconsin
056 Wyoming
057 United States (state unknown)
066 Guam
073 Puerto Rico
078 U. S. Virgin Islands
096 Other U. S. Island Areas
100 Albania
102 Austria
103 Belgium
104 Bulgaria
105 Czechoslovakia
106 Denmark
108 Finland
109 France
110 Germany
116 Greece
117 Hungary
119 Ireland
120 Italy
126 Netherlands
127 Norway
128 Poland
129 Portugal
130 Azores

132 Romania
134 Spain
136 Sweden
137 Switzerland
138 United Kingdom
139 England
140 Scotland
141 Wales
142 Northern Ireland
147 Yugoslavia
148 Czech Republic
149 Slovakia
150 Bosnia & Herzegovina
151 Croatia
152 Macedonia
154 Serbia
156 Latvia
157 Lithuania
158 Armenia
159 Azerbaijan
160 Belarus
161 Georgia
162 Moldova
163 Russia
164 Ukraine
165 USSR
166 Europe, not specified
167 Kosovo
200 Afghanistan
202 Bangladesh
205 Myanmar (Burma)
206 Cambodia
207 China
208 Cyprus
209 Hong Kong
210 India
211 Indonesia
212 Iran
213 Iraq
214 Israel

215 Japan
216 Jordan
217 Korea
220 South Korea
222 Kuwait
223 Laos
224 Lebanon
226 Malaysia
229 Nepal
231 Pakistan
233 Philippines
235 Saudi Arabia
236 Singapore
238 Sri Lanka
239 Syria
240 Taiwan
242 Thailand
243 Turkey
246 Uzbekistan
247 Vietnam
248 Yemen
249 Asia, not specified
300 Bermuda
301 Canada
303 Mexico
310 Belize
311 Costa Rica
312 El Salvador
313 Guatemala
314 Honduras
315 Nicaragua
316 Panama
321 Antigua and Barbuda
323 Bahamas
324 Barbados
327 Cuba
328 Dominica
329 Dominican Republic
330 Grenada
332 Haiti

333 Jamaica

338 St. Kitts--Nevis

339 St. Lucia

340 St. Vincent and the Grenadines

341 Trinidad and Tobago

343 West Indies, not specified

360 Argentina

361 Bolivia

362 Brazil

363 Chile

364 Columbia

365 Ecuador

368 Guyana

369 Paraguay

370 Peru

372 Uruguay

373 Venezuela

374 South America, not specified

399 Americas, not specified

400 Algeria

407 Cameroon

408 Cape Verde

414 Egypt

416 Ethiopia

417 Eritrea

421 Ghana

427 Kenya

429 Liberia

436 Morocco

440 Nigeria

444 Senegal

447 Sierra Leone

448 Somalia

449 South Africa

451 Sudan

453 Tanzania

457 Uganda

461 Zimbabwe

462 Africa, not specified

501 Australia

NAME	SIZE	DESCRIPTION	LOCATION

508 Fiji
515 New Zealand
523 Tonga
527 Samoa
528 Oceania, not specified
555 Elsewhere

PES78   2   Respondent relationship recode- relationship   1569-1570
of respondent to the sample person

VALID ENTRIES:

1 Self
2 Husband
3 Wife
4 Child
5 Grandchild
6 Grandparent
7 Parent
8 Sibling
9 Other relative
10 Non relative
11 Non relative
88 Non relative

PESINTTP   2   In what language was the interview   1571-1572
conducted for this person?

EDITED UNIVERSE:

All persons eligible for the supplement

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

1 English
2 Spanish
3 Chinese
4 Korean
5 Vietnamese
6 Khmer
7 Other Asian or Asian unspecified
8 Other
-2 Don't Know
-3 Refused
-9 No response

| PES81A | 2 | Method of Interview | 1573-1574 |

EDITED UNIVERSE:

All persons in supplement universe

<u>VALID ENTRIES:</u>

1 Telephone
2 Personal visit
-2 Don't know
-3 Refused
-9 No response

| INTRVIEW | 2 | Interview Status Recode | 1575-1576 |

EDITED UNIVERSE:

Condition 1. PENXTPR ne -3
Condition 2. (PEA1 in 1,2,-2) OR ((PEA1 in
-3,-9) AND (PEJ1a# in 1,2,-2))

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1. INTRVIEW=1 (complete interview) when
conditions 1 AND 2 are met
2. Set INTRVIEW=2 (noninterview) when
condition 1 is not met OR condition 2 is not
met OR conditions 1 AND 2 are not met

| HRMODE | 2 | Method of Interview | 1577-1578 |

VALID ENTRIES:

1 CAPI
2 CATI
3 Unknown

| SMOKSTAT | 2 | Type of smoker recode | 1579-1580 |

VALID ENTRIES:

-1 Not in universe
1 Never smoker
2 Everyday smoker
3 Some days smoker
4 Former smoker
-9 Indeterminate

| PRS35 | 2 | Respondent and Smoker Type | 1581-1582 |

VALID ENTRIES:

-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

| PRS60 | 2 | Self responding 'Not at all' smokers- smoking less than or equal to 1 year or Don't Know | 1583-1584 |

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

-1 Not in universe
1 Item PEH1NUM/PEH1UNT is less than or
equal to 1 year or don't know
2 All others

PRS64	2	Who is responding for the supplement	1585-1586

VALID ENTRIES:

-1 Not in universe
1 Self
2 Proxy

PRS65	2	Monthly Labor Force recode of Self respondents	1587-1588

VALID ENTRIES:

-1 Not in universe
1 Employed self respondents (PEMLR=1,2)
2 All other cases

PRS66	2	Employed self respondents' class of worker on first job	1589-1590

VALID ENTRIES:

-1 Not in universe
1 In government or private industry (PEIO1COW in 1,2,3,4,5,10)
2 All other cases

PRJ3A1F	2	Recode from fill in PEJ3a1 and PEJ3a2 to determine which tobacco product is being discussed in PEJ3a1and PEJ3a2	1591-1592

EDITED UNIVERSE:

See PEJ3a1 universe

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

-1 Not in universe
1 Smoke your first cigar
2 Smoke your first pipe
3 Use smokeless tobacco
4 Smoke your first cigar or pipe
5 Smoke your first cigar or use smokeless tobacco
6 Smoke your first pipe or use smokeless tobacco
7 Smoke your first cigar, pipe or use smokeless tobacco

PRJ3DF	2	Recode from fill in PEJ3d to determine which tobacco product is being discussed in PEJ3d	1593-1594

EDITED UNIVERSE:

See PEJ3d universe

VALID ENTRIES:

-1 Not in universe
1 Smoke a cigar
2 Smoke a pipe
3 Use smokeless tobacco
4 Smoke a cigar or pipe
5 Smoke a cigar or use smokeless tobacco
6 Smoke a pipe or use smokeless tobacco
7 Smoke a cigar or pipe or use smokeless tobacco

PRJ3F1AF	2	Recode from fill in PEJ3f1 and PEJ3f2 to determine which tobacco product is being discussed in PEJ3f1 and PEJ3f2	1595-1596

EDITED UNIVERSE:

See PEJ3f1 universe

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

-1 Not in universe
1 Smoke your first cigar
2 Smoke your first pipe
3 Use smokeless tobacco

| PRJ3F1F | 2 | Recode from fill in PEJ3f1 and PEJ3f2 to determine which tobacco product is being discussed in PEJ3f1and PEJ3f2 | 1597-1598 |

EDITED UNIVERSE:

See PEJ3f1 universe

VALID ENTRIES:

-1 Not in universe
1 Smoking cigars
2 Smoking regular pipes
3 Using smokeless tobacco

| PRJ3HF | 2 | Recode from fill in PEJ3h to determine which tobacco product is being discussed in PEJ3h | 1599-1600 |

EDITED UNIVERSE:

See PEJ3h universe

VALID ENTRIES:

-1 Not in Universe
1 Smoking cigars
2 Smoking regular pipes
3 Using smokeless tobacco

| PRJ3GF | 2 | Recode from fill in PEJ3g to determine which tobacco product is being discussed in PEJ3g | 1601-1602 |

EDITED UNIVERSE:

See PEJ3g universe

NAME	SIZE	DESCRIPTION	LOCATION

PRJ4F   2   Recode from fill in PEJ4 to determine which tobacco product is being discussed in PEJ4   1603-1604

EDITED UNIVERSE:

See PEJ4 universe

VALID ENTRIES:

-1 Not in universe
1 Smoking cigars
2 Smoking regular pipes
3 Using smokeless tobacco

PRJ5NUMF   2   Recode from fill in PEJ5num and PEJ5unt to determine which tobacco product is being discussed in PEJ5num and PEJ5unt   1605-1606

EDITED UNIVERSE:

See PEJ5num universe

VALID ENTRIES:

-1 Not in universe
1 Smoking cigars
2 Smoking regular pipes
3 Using smokeless tobacco

PRJ6AF   2   Recode from fill in PEJ6a to see which tobacco product is being discussed in PEJ6a   1607-1608

EDITED UNIVERSE:

See PEJ6a universe

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

-1 Not in universe
1 Smoking cigars
2 Smoking regular pipes
3 Using smokeless tobacco

PRJ6BNMF 2 Recode from fill in PEJ6bnum and PEJ6bunt to 1609-1610
see which tobacco product is being discussed
in PEJ6bnum and PEJ6bunt

EDITED UNIVERSE:

See PEJ6bnum universe

VALID ENTRIES:

-1 Not in universe
1 Smoking cigars
2 Smoking regular pipes
3 Using smokeless tobacco

PRJ7A1F 2 Recode identifying which tobacco product the 1611-1612
respondent has quit or has tried to quit in
PEJ7a1, PEJ7a2, PEJ7a3, PEJ7a7a, PEJ7a7b,
PEJ7a7c

EDITED UNIVERSE:

(PEJ3f1 ne blank) or PEJ4=1

VALID ENTRIES:

-1 Not in universe
1 Smoking cigars
2 Smoking regular pipes
3 Using smokeless tobacco

PRJ7B1F 2 Recode identifying which tobacco product the 1613-1614
respondent has quit or has tried to quit in
PEJ7b1, PEJ7b2, PEJ7b3, PEJ7b4, PEJ7b5,
PEJ7b6, PEJ7b6b, PEJ7b6c, PEJ7b7, and PEJ7b7a

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

(PEJ3f1 ne blank) or PEJ4=1

VALID ENTRIES:

-1 Not in universe
1 Smoking cigars
2 Smoking regular pipes
3 Using smokeless tobacco

NAME	SIZE	DESCRIPTION	LOCATION
PRJ7C1F	2	Recode identifying which product the respondent has quit or has tried to quit tobacco in PEJ7c1 and PEJ7c2	1615-1616

EDITED UNIVERSE:

(PEJ3f1 ne blank) or PEJ4=1

VALID ENTRIES:

-1 Not in universe
1 Smoking cigars
2 Smoking regular pipes
3 Using smokeless tobacco

NAME	SIZE	DESCRIPTION	LOCATION
PWNRWGT	10	Nonresponse weight (4 implied decimal places)	1617-1626
PWSRWGT	10	Self response weight (4 implied decimal places)	1627-1636

ATTACHMENT 8

SUPPLEMENT QUESTIONNAIRE

2010-2011 Tobacco Use Supplement

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

Allow Proxy interviews on the 4th callback.

PRESUP **This month we would also like to ask about your thoughts and experiences concerning tobacco use. I need to ask each individual, age 18 years old and older, these questions.**

ENTER (1) TO PROCEED

ENTER (I) FOR IMPORTANCE OF RESPONDING

|__|

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

PRESS ENTER TO CONTINUE

NXTPR ENTER LINE NO: |__|__| FOR [fill name]

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

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

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

(CNTRL-R) Respondent Refused for someone else

ENTER LINE NUMBER FOR
INTERVIEW: |__|__|

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

NXTPR3   DO NOT ASK, INTERVIEWER CHECK ITEM

              (ONLY TAKE A PROXY IF THIS IS THE 4TH CALLBACK, 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 | HOUSEHOLD ROSTER
              ENTER LINE NUMBER OF | LN   NAME
              CURRENT RESPONDENT | 01   (Person 1)
              |__|__| | 02   (Person 2)
                                             | 03   (Person 3)

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

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

[FR NOTE: 100 CIGARETTES = APPROXIMATELY 5 PACKS]

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

[DON'T KNOW OR REFUSED: GO TO SECTION J]

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

ENTER (0) IF NEVER SMOKED REGULARLY: [**GO TO A2a**]

ENTER AGE (01 – AGE):   [**GO TO A2b**]

|__|__|

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

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

(1) Yes [GO TO A2b]
(2) No [GO TO A2]

|__|

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

ENTER AGE (01 – AGE):   [**SKIP TO A2c**]

|__|__|

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

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

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

|__|

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

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

_____   **ENTER STATE/COUNTRY NAME   GO TO A3**

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

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

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

_____   **ENTER STATE/COUNTRY NAME   GO TO A3**

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

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

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

|__|

```
                              BOX 1
IF SELF RESPONDENT AND:
A3 = (1) EVERY DAY SMOKERS ≡ GO TO SECTION B
A3 = (2) SOME-DAY SMOKERS ≡ GO TO SECTION C
A3 = (3) NOT-AT-ALL SMOKERS ≡ GO TO SECTION H
A3 = D, R ≡ GO TO SECTION J

IF PROXY RESPONDENT ≡ GO TO SECTION J
```

SECTION B. EVERY-DAY SMOKER HISTORY/CONSUMPTION SERIES

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

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

ENTER NUMBER OF CIGARETTES PER DAY
(1-99)

|__||__|

```
                              BOX 2
IF B1 = D, R ≡ GO TO B1a
IF B1 > 40 ≡ GO TO B1v
ELSE ≡GO TO B2
```

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

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

|__|

[1, 2, OR 3: GO TO B2]
[Don't Know OR Refused: GO TO B2]

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

(1) Yes [GO TO B2]
(2) No   [GO TO B1]

|__|

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

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

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

|__|

[1 or 2: GO TO B2a]
[3, Don't Know OR Refused: GO TO B5a]

B2a **For each of the following, please tell me whether it's a reason you usually smoke menthol/non-menthol { fill menthol if B2 = 1; fill non-menthol if B2 = 2 } cigarettes? ----Please answer "yes" or "no" for each.**

        (1) Yes
        (2) No

B2a1 |__| **They are less harmful than non-menthol /menthol {**fill non-menthol if B2 = 1; fill menthol if B2 = 2—**NOTE:** Opposite of the fill in the question stem B2a**} cigarettes**

B2a2 |__| **They have a better flavor than non-menthol /menthol {**fill non-menthol if B2 = 1; fill menthol if B2 = 2—**NOTE:** Opposite of the fill in the question stem B2**a} cigarettes**

B2a3 |__| **They are less harsh on your THROAT than non-menthol /menthol** {fill non-menthol if B2 = 1; fill menthol if B2 = 2—**NOTE:** Opposite of the fill in the question stem B2a} **cigarettes**

B2a4 |__| **They are less harsh on your CHEST than non-menthol/menthol** { fill non-menthol if B2 = 1; fill menthol if B2 = 2 --- **NOTE:** Opposite of the fill in the question stem B2a} **cigarettes**

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

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

B5anum ENTER NUMBER (0 – 90)
      |__|__|

B5aunt ENTER UNIT REPORTED
      |__| (1) Minutes   (2) Hours

```
                              BOX 5
IF B5a = 0, D, R ≡ 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

|__|

[1, 2, OR 3: GO TO B5c]
[Don't know OR Refused: GO TO B5c]

B5c   **Do you sometimes awaken during the night to have a cigarette?**
   (1) Yes
   (2) No

   DO NOT READ

   (3) DON'T SLEEP AT NIGHT
   (4) USE SOME OTHER TOBACCO PRODUCT WHEN I AWAKEN DURING THE NIGHT

   |__|

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

   (1) Yes [GO TO B6a]

   (2) No [GO TO B6e1]

   |__|

   [Don't Know OR Refused: GO TO B6e1]

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

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

   |__|

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

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

[FR: Enter "dollars" per pack on the first screen (B6b) and enter "cents" per pack on the next screen (B6b2)]

   B6b $___ __ (0-99)
   B6b2   **.** ___ ___ (0-99)

   [GO TO **B6d**]

   [Don't know OR Refused: GO TO B6d]

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

  [FR: Enter "dollars" per carton on the first screen (B6c) and enter "cents" per carton on the next screen (B6c2)]

B6c $___ __ ___ (0-999)
B6c2   **.** ___ ___   (0-99)

[GO TO **B6d**]

[Don't know OR Refused: GO TO B6d]

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

(1) In respondent's state of residence
(2) In some other state (including DC)

(3) BOUGHT SOME OTHER WAY (Internet, other country, ...)

☐

BOX 7
IF B6d1 =1 ENTER AUTOMATICALLY RESPONDENT'S STATE OF RESIDENCE IN B6d2 ≡GO TO B6d3
ELSE IF B6d = 2 ≡ GO TO B6d2
ELSE IF B6d=3 → GO TO B6dOTH
ELSE ≡GO TO B6e1

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

|__|__| ENTER STATE ABBREVIATION –TEXT OF AT MOST 2 CHARACTERS -
GO TO B6d3

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

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

[DON'T KNOW OR REFUSED, GO TO B6e1]

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

READ the FIRST THREE CHOICES

> **(1) In a foreign country or a duty-free shop**
> **(2) From an Indian reservation OR**
> **(3) By mail-order, phone or internet**
>
> (4) Some other way (NOT READ**)**
>
> |__|
>
> If B6dOTH = (4)--some other way, GO TO B6dSPC; ELSE GO TO B6e1
>
>
> **B6dSPC: Please specify the "Other Way"**
>
> _____**[FR:** ENTER A TEXT OF AT MOST 60 CHARACTERS]

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

[FR: RESPONDENT MAY REFER TO IT AS A "LOOSIE" OR "LOOSE OUT OF THE PACK;" "TRADED" INCLUDES BARTER OR EXCHANGE OF SOMETHING OTHER THAN MONEY FOR CIGARETTES.]

> **(1)** Yes, bought –GO TO B6e2
> **(2)** No , did not buy--   GO TO B7a
> **(3)** Traded --- GO TO B6e2sp
>
> |__|
>
> [Don't Know OR Refused: GO TO B7a]

B6e2/B6e2a   **What price did you pay for the LAST "single or individual" cigarette you bought?**

> **[FR:** PRICE PER INDIVIDUAL CIGARETTE; ENTER THE DOLLARS IN THIS SCREEN (**B6e2**) AND ENTER THE CENTS PORTION OF COST OF A "LOOSIE" CIGARETTE IN THE NEXT SCREEN (**B6e2a**)]
>
> **$ __** (0-9) **B6e2**
>
> **. ____** (0-99) **B6e2a**
>
> **GO TO B6e3**

B6e2sp   **Please Specify what you exchanged for cigarettes.**

[FR: ENTER A TEXT OF AT MOST 60 CHARACTERS]

_____

GO TO B7a

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

(1) In respondent's state of residence
(2) In some other state (including DC)
(3) In another country

(4) BOUGHT SOME OTHER WAY (Internet, etc.)

|__|

```
                            BOX 7B
IF B6e31 = 1, ENTER AUTOMATICALLY RESPONDENT'S
STATE OF RESIDENCE IN B6e32 ≡GO TO B7a
ELSE IF B6e31= 2, 3 ≡ GO TO B6e32
ELSE IF B6e31 = 4  ≡ GO TO B6e3SPC
ELSE  ≡GO TO B7a
```

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

_____ [**FR**: SPELL OUT THE STATE OR COUNTRY NAME. ENTER A TEXT OF AT MOST 40 CHARACTERS.]

GO TO B7a

B6e3SPC   **Specify other way in which last single cigarette was purchased**

_____ **GO TO B7a**

B7a   At what age did you first start to smoke cigarettes EVERY DAY?

ENTER AGE (01 – AGE)

|__|__|

[Age >5: GO TO B7b]
[AGE Less Than OR Equal 5: GO TO B7av]
[DON'T KNOW OR REFUSED: GO TO B7c]

B7av I have recorded that you were [fill entry B7a] years old when you started smoking cigarettes EVERY DAY. Is that correct?

(1) Yes [GO TO B7b]
(2) No [GO TO B7a]

|__|

B7b   When you first started to smoke EVERY DAY, were you living in [fill state/country from A2b] or somewhere else?

(1) in state/country from A2b
(2) somewhere else

B7bspc   Specifically, which other state or country were you living in when you started to smoke every day?

_____   [FR: SPELL OUT THE STATE OR COUNTRY NAME. ENTER A TEXT OF AT MOST 40 CHARACTERS.]

B7c For how long have you smoked EVERY DAY?

  READ CHOICES 1-4

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

(5) IF VOLUNTEERED: LESS THAN ONE YEAR

|__|

IF B2 = 1, GO TO B7c3; ELSE IF B2 =2, 3, R, OR DK, GO TO B7c2

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

     (1) Yes
     (2) No

     |___|

IF B7c2 = 1, THEN GO TO B7c3, ELSE GO TO B7d.

B7c3 For how long have you smoked MENTHOL cigarettes?

      READ CHOICES 1-4

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

     (5) IF VOLUNTEERED: LESS THAN ONE YEAR

     |___|

B7d   **Think of the time during your life when you SMOKED THE MOST. During that time, how many cigarettes did you smoke each day?**

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

         ENTER NUMBER OF CIGARETTES PER DAY
         (1-99)

         |__|__| IF # 40: GO TO B8

         [If >40: GO TO B7dv]
         [Don't Know OR Refused: GO TO B8]

B7dv   I have recorded that the time during your life when you SMOKED THE MOST, you smoked [fill entry B7d] cigarettes each day. Is that correct?

     (1) Yes [GO TO B8]
     (2) No   [GO TO B7d]

     |__|__|

     [Don't Know OR Refused: GO TO B8]

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

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

|__|

IF B8=DK, R GO TO B11

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

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

ENTER NUMBER OF CIGARETTES PER DAY
(1-99)

|__||__|

BOX 7C
IF B9 = D, R ≡ GO TO **B11**
IF B9 > 40 ≡ GO TO B9v
ELSE ≡GO TO **B11**

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

(1) Yes
(2) No ≡GO TO B9

|__| **IF B9v =1 OR B9v = D, R ➔ GO TO B11**

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

ENTER (0) FOR NONE

|__|__| Range 0-30

BOX 7D
IF B10a = 0 OR 30 ≡ GO TO B10av
ELSE GO TO B10b

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

(1) Yes
(2) No

|__|

```
                          BOX  7E
IF (B10av = 1 AND B10a= 30 ), OR B10av = DK, R  ≡GO TO B10b
IF B10av = 1 AND B10a= 0  ≡GO TO B11

IF B10av = 2  ≡GO TO B8
```

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

WE ARE STILL TALKING ABOUT "AROUND THIS TIME 12 MONTHS AGO"

|__|__| (1-99) IF # 40 ≡ GO TO **B11; ELSE IF B10b = D, R→B11**

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

(1) Yes
(2) No ≡ GO TO B10b

|__|

B11 Around this time 12 MONTHS AGO, were you usually smoking menthol or non-menthol cigarettes?

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

|__|

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

SECTION C. SOME-DAY SMOKER SERIES

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

ENTER (0) FOR NONE

|__|__| (0-30)

```
                           BOX 9
IF C1 = 0 OR 30 ≡ GO TO C1v
ELSE IF C1=DK, R ≡ GO TO C1i
ELSE GO TO C1a
```

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

(1) Yes
(2) No

|__|

```
                           BOX 10
IF C1v = 1 AND C1 = 30 ≡GO TO C1a
IF C1v = 1 AND C1 = 0 ≡GO TO C2
IF C1v = 2 ≡GO TO A3
IF C1v = DK, R ≡ GO TO  C1a
```

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

(1) Yes
(2) No

|__|

C1a   **On the average, on those [C1 days IF entry for C1 NE D/R. OR "AT LEAST 12 days" IF C1i = 1 YES] days, how many cigarettes did you usually smoke each day?**

|__|__| IF # 40 ≡ GO TO C2

[IF >40, GO TO C1av]
[Don't Know OR Refused: GO TO C2]

C1av   I have recorded that on the average, when you smoked on those [C1 / AT LEAST 12] days, you smoked [C1a] cigarettes a day. Is that correct?

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

|__|

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

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

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

|__|

[1 or 2: GO TO C2a]
[3, Don't Know OR Refused: GO TO C5a]

C2a   For each of the following, please tell me whether it's a reason you usually smoke menthol/non-menthol { fill menthol if C2 = 1; fill non-menthol if C2 = 2 **} cigarettes ?   ----Please answer "yes" or "no" for each.**

(1) Yes
(2) No

C2a1 |__| They are less harmful than non-menthol /menthol {{fill non-menthol if C2 = 1; fill menthol if C2 = 2—**NOTE:** Opposite of the fill in the question stem C2a} **cigarettes**

C2a2 |__| They have a better flavor than non-menthol /menthol {{fill non-menthol if C2 = 1; fill menthol if C2 = 2—**NOTE:** Opposite of the fill in the question stem C2a} **cigarettes**

C2a3 |__| They are less harsh on your THROAT than **non-menthol /menthol** {{fill non-menthol if C2 = 1; fill menthol if C2 = 2—**NOTE:** Opposite of the fill in the question stem C2a} **cigarettes**

C2a4 |__| They are less harsh on your CHEST than non-menthol/menthol { fill non-menthol if C2 = 1; fill menthol if C2 = 2 — **NOTE:** Opposite of the fill in the question stem C2a} **cigarettes**

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

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

C5anum   ENTER NUMBER (0 – 90)
                |__|__|

C5aunt   ENTER UNIT REPORTED
                  |__| (1) Minutes   (2) Hours

```
                              BOX 13
IF C5a = 0, D, R ≡ GO TO C5b
ELSE GO TO C5c
```

C5b   **On the days that you smoke, would you say you smoke your first cigarette of the day within the first 30 minutes?**

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

|__|

[GO TO C5c]

C5c   **Do you sometimes awaken during the night to have a cigarette?**
(1) Yes
(2) No

       DO NOT READ

   (3) DON'T SLEEP AT NIGHT
   (4) USE SOME OTHER TOBACCO PRODUCT WHEN I AWAKEN DURING THE NIGHT
|__|

*CA6a Do you USUALLY BUY your own cigarettes?

(1) Yes (GO TO C6a)

 (2) No (GO TO C6e1)

|__|

[Don't Know OR Refused: **GO TO C6e1**]

C6a   **Do you USUALLY buy your cigarettes by the pack or by the carton? [FR: A CARTON HAS 10 PACKS]**

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

|__|

```
                              BOX 14
IF C6a = (1) OR (3) OR DK, R ≡GO TO C6b
IF C6a = (2) ≡GO TO C6c
```

C6b/C6b2   **What price did you pay for the LAST PACK of cigarettes you bought? Please
report the cost after using discounts or coupons. [FR: PRICE PER PACK]**

$___ ___ C6b (0-99) ENTER DOLLARS PORTION OF THE PRICE PER PACK

.___ ___ C6b2 (0-99) ENTER THE CENTS PORTION OF THE PRICE PER PACK

GO TO **C6d**

[Don't Know OR Refused: GO TO C6d]

C6c/C6c2   **What price did you pay for the LAST carton of cigarettes you bought? Please
report the cost after using discounts or coupons. [FR: PRICE PER CARTON]**

$__ __ __ C6c (0-999) ENTER THE DOLLARS PORTION OF THE PRICE PER CARTON

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

GO TO C**6d**

[Don't Know OR Refused: GO TO C6d]

C6d1   **Did you buy your LAST (**fill appropriate term here from C6a responses (=1, 3, DK or R fill
"pack"; =2 fill "carton**") of cigarettes in [**fill respondent's state of residence**] or in some other
state?**

        (1) In respondent's state of residence
        (2) In some other state (including DC)
        (3) BOUGHT SOME OTHER WAY (Internet, other country, ...)

        |__|

```
                              BOX 15
IF C6d1 =1, ENTER AUTOMATICALLY RESPONDENT'S STATE OF
     RESIDENCE IN C6d2 ≡GO TO C6d3
ELSE IF C6d1 = 2  ≡ GO TO C6d2
ELSE IF C6d1 = 3  ≡ GO TO C6dOTH
ELSE  ≡GO TO C6e1
```

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

        |__|__| ENTER 2 CHARACTER STATE ABBREVIATION   **GO TO C6d3**

C6d3   **Did you buy your LAST (fill appropriate term here from C6a responses (=1, 3, DK or R fill "pack"; = 2 fill "carton") of cigarettes from an Indian reservation?**

> (1)YES- GO TO C6e1
> (2)NO   GO TO C6e1

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

☐

ALL GO TO C6e1

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

READ THE FIRST THREE CHOICES

> **(1) In a foreign country or a duty-free shop**
> **(2) From an Indian reservation OR**
> **(3) By mail-order, phone or internet**
>
> **(4**) Some other way **(NOT READ)**
>
> |__|

>   **If C6dOTH = (4)--Some other way GO TO C6dSPC; ELSE GO TO C6e1**

C6dSPC - Please specify the "Other Way" in which your LAST cigarettes were purchased

_____ ENTER A TEXT OF AT MOST 60 CHARACTERS

C6e1   **In the LAST 2 months, have you bought or traded for any SINGLE or INDIVIDUAL cigarettes?**

[FR: RESPONDENT MAY REFER TO IT AS A "LOOSIE" OR "LOOSE OUT OF THE PACK." TRADED INCLUDES BARTER OR EXCHANGE OF SOMETHING OTHER THAN MONEY FOR CIGARETTES**.]**

> (1) Yes, bought   GO TO C6e2
> (2) No, did not buy   GO TO C7a
> (3) Traded   GO TO C6e2a1

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

C6e2a1   Please Specify what you exchanged for a cigarette.

_____ [**FR:** ENTER A TEXT OF AT MOST 60 CHARACTERS].

C6e2/C6e2b   What price did you pay for the LAST "single or individual" cigarette you bought?

[**FR:** ENTER THE DOLLAR PORTION OF THE PRICE ON THIS SCREEN (C6e2).; ENTER THE CENTS PORTION OF THE PRICE PER LOOSIE ON THE NEXT SCREEN (C6e2b)]

$__   C6e2   (0-9)

.__ __   C6e2b (0-99**)**

GO TO C6e31

C6e31   Did you buy your LAST SINGLE or INDIVIDUAL cigarette in [fill respondent's state of residence] or in some other state or other country?

> (1) In respondent's state of residence
> (2) In some other state (including DC)
> (3) In another country
>
> (4) BOUGHT SOME OTHER WAY (Internet, etc..)
>
> |__|

```
                            BOX 15B
IF C6e31 =1, ENTER AUTOMATICALLY RESPONDENT'S  STATE OF
     RESIDENCE IN C6e32 ≡GO TO C7a
ELSE IF C6e31 = 2, 3  ≡ GO TO C6e32
ELSE IF C6e31 = 4  ≡ GO TO C6e3SPC
ELSE  ≡GO TO C7a
```

C6e32   In what OTHER state or other country did you buy your LAST SINGLE OR INDIVIDUAL cigarette?

-------------------------------------- [**FR**: SPELL OUT THE STATE OR COUNTRY NAME. ENTER A TEXT OF AT MOST 40 CHARACTERS]

GO TO C7a

C6e3SPC   **SPECIFY other way in which last single cigarette was purchased:**

_____ **[FR**: ENTER A TEXT OF AT MOST 60 CHARACTERS]

GO TO C7a

Past Smoking Behavior for Some-Day Smokers

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

(1) Yes   [GO TO **C7a2**]
(2) No   [If **C7a = 2 AND C2=1**, GO TO **C7d3**; Else if **C7a =2 AND C2=2, 3, DK, or R**, Go to **C7d2**]

|__|

[If **C7a = DK or R AND If C2=1**, GO TO **C7d3**; Else **If C7a = DK or R AND C2=2, 3, DK, or R**, GO TO **C7d2**]

C7a2   **At what age did you first start to smoke cigarettes EVERY DAY?**

ENTER AGE (01 – AGE)

|__|__|

[Age >5: GO TO C7a3]
[AGE Less Than OR Equal 5: GO TO C7a2v]
[DON'T KNOW OR REFUSED: GO TO C7d]

C7a2v I have recorded that you were [fill entry C7a2] years old when you started smoking cigarettes EVERY DAY. Is that correct?

(1)Yes   [GO TO C7a3]
(2)No   [GO TO C7a2]

|__|

C7a3   **When you first started to smoke EVERY DAY, were you living in [fill state/country from A2b] or somewhere else?**

(1) in state/country from A2b   **GO TO C7d**
(2) somewhere else   **GO TO C7a3SP**

C7a3SP Please specify the other state or country you were living in when you started to smoke EVERY DAY

-------------   [**FR**: SPELL OUT THE FULL NAME. ENTER A TEXT OF AT MOST 40 CHARACTERS]

C7d For how long have you smoked EVERY DAY

   READ CHOICES 1-4

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

   (5) IF VOLUNTEERED: LESS THAN ONE YEAR

   |__|

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

C7d2 Have you EVER smoked MENTHOL cigarettes for 6 months or more?

   (1) Yes
   (2) No

IF C7d2 = 1, THEN GO TO C7d3; ELSE if C7a =2, R, or DK, GO TO C8; ELSE GO TO C7e

C7d3 **For how long have you smoked MENTHOL cigarettes**

   READ CHOICES 1-4

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

   (5) IF VOLUNTEERED: LESS THAN ONE YEAR
   |__|

IF C7a = 2, R, or DK, Go to C8; ELSE Go To C7e

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

ENTER NUMBER OF CIGARETTES EACH DAY   (1-99)

|__|__| IF # 40: GO TO C7f

[If >40: GO TO C7ev]
[Don't Know OR Refused: GO TO C7f]

C7ev   I have recorded that when you last smoked every day, on the average you smoked [fill entry C7e] cigarettes each day. Is that correct?

(1) Yes [GO TO C7f]
(2) No   [GO TO C7e]

|__|__|

[Don't Know OR Refused: GO TO C7f]

C7f   Think of the time during your life when you SMOKED THE MOST. During that time, how many cigarettes did you smoke each day?

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

ENTER NUMBER OF CIGARETTES PER DAY
(1-99)

|__|__| IF # 40: GO TO C8

[If >40: GO TO C7fv]
[Don't Know OR Refused: GO TO C8]

C7fv   I have recorded that the time during your life when you SMOKED THE MOST, you smoked [fill entry C7f] cigarettes each day. Is that correct?

(1) Yes [GO TO C8]
(2) No   [GO TO C7f]

|__|__|

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

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

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

|__|

IF C8 = DK, R ➔GO TO C11

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

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

ENTER NUMBER OF CIGARETTES PER DAY
(1-99)

|__||__|

BOX16B
IF C9 = D, R ≡ GO TO C11
IF C9 > 40 ≡ GO TO C9v
ELSE ≡GO TO C11

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

(1) Yes ➔ GO TO C11
(2) No ≡GO TO C9

|__|

DK, R ➔ GO TO C11

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

ENTER (0) FOR NONE

|__|__| (0 – 30)

BOX 16C
IF C10a = 0 OR 30 ≡ GO TO C10av
If C10a=D, R, GO TO C10b
ELSE GO TO C10b

C10av You said that you smoked cigarettes some days. Is that correct?

(1) Yes
(2) No

|__|

```
                              BOX  16D
IF (C10av = 1 AND C10a= 30), OR C10av = DK, R ≡GO TO C10b
ELSE IF C10av = 1 AND C10a= 0 ≡GO TO C11
ELSE IF C10av = 2  ≡GO TO C8 AND CORRECT
ELSE GO TO C10b
```

C10b   On the average, on those [fill entry C10a days; If C10a=D, R, then fill with "days you smoked"], how many cigarettes did you usually smoke each day?

We are still talking about "around this time 12 months ago."

|__|__| (1-99)   IF # 40 ≡ GO TO C11; ELSE IF C10b = D, R ➔ GO TO C11; IF C10b > 40,
                  GO TO C10bv

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

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

|__|

C11   Around this time 12 MONTHS AGO, were you usually smoking menthol or non-menthol cigarettes?

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

|__|

```
                               BOX 18

IF ENTRY IN C1⌐ 12 DAYS IN THE PAST 30 DAYS, ➔ D1R (3rd question
in Section D)
ELSE IF C1i = 1 (Yes) ➔ D1R (3rd question in Section D)
ELSE IF C1i = 2 (NO), OR C1i = DK, R ➔ Da
ELSE IF C1 < 12 ➔ Da
```

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

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

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

(1) Yes   [**GO TO D3b**]
(2) No   [**GO TO Db**]

|__|

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

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

(1) Yes
(2) No

|__|

≡ **All responses GO TO F1a**

PAST 12-MONTH QUIT ATTEMPTS FOR EVERY-DAY AND SOME-DAY SMOKERS (some day smokers smoking >=12 days during the past 30 days)

Quit attempts of 1 day or longer:

D1R **During the PAST 12 MONTHS, have you stopped smoking for ONE DAY or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?**

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

/__/

[Don't Know OR Refused: GO TO D7R]

D3 How many TIMES during the past 12 months have you stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?

FR READ CHOICES

(1) **Once (1 time)**
(2) **2-3 times**
(3) **4 or more times**

|_|

```
                                    BOX 19
IF D3 = DK/REF  ≡GO TO D3b
ELSE ≡GO TO D4
```

D3b Would you say that during the past 12 months it was MORE THAN 3 TIMES that you have stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?

(1) Yes
(2) No

|__|

[GO TO **D4**]

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

D4num ENTER NUMBER
(1 – 365)

|__|__|__|

D4unt ENTER UNIT REPORTED

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

|__|

```
IF D4num AND/OR D4unt = DK/REF ≡GO TO D4b
IF D4num >18 AND D4unt = 2 ≡GO TO D4v
IF D4num > 12 AND D4unt =3≡GO TO D4v
IF D4num >2 AND D4unt = 4  ≡GO TO D4v
ELSE GO TO D4c
```

D4v **I have recorded that the LAST TIME you stopped smoking in the past 12 months BECAUSE YOU WERE TRYING TO QUIT SMOKING was for a duration of [fill entry D4num AND D4unt]? Is that correct?**

       (1) Yes   **→GO TO D4c**
       (2) No   **≡GO TO D4 and correct**

    ☐

D4b **Was it more or less than one week?**

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

    ☐

D4cmon/day/yr **When was the approximate END date of this LAST QUIT ATTEMPT that lasted [fill response to D4num, D4unt OR fill response to D4b—(more than/less than equal to) 1 week]?**

D4cmon **FR: ENTER THE MONTH FROM THE LIST 1-12**
D4cday **FR: ENTER THE 2 DIGIT DAY (PRECEDE BY ZERO IF NECESSARY)**
D4cyr **FR: ENTER 4 DIGITS OF THE YEAR**

D5 **Was [fill entry D4num AND D4unt / OR D4b] 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 [LENGTH / LONGEST length: If D3 = 1, fill with "LENGTH;" ELSE fill with "LONGEST Length"] of time you stopped smoking because you were TRYING to quit smoking?**

       [FR NOTE: IF QUIT ATTEMPT BEGAN MORE THAN 12 MONTHS AGO BUT ENDED WITHIN THE PAST 12 MONTHS, COUNT ALL OF IT.]

D6num   ENTER NUMBER (1 - 365)

|__|__|__|

D6unt ENTER UNIT REPORTED

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

|__|

```
                          BOX 20
IF D6num AND/OR D6unt = DK/REF  ≡GO TO D6b
IF D6num >18 AND D6unt = 2  ≡GO TO D6v
IF D6num > 12 AND D6unt=3 ≡GO TO D6v
IF D6num >2 AND D6unt = 4  ≡GO TO D6v
ELSE ≡GO TO SECTION E
```

D6v   **I have recorded that the LONGEST length of time you stopped smoking in the past 12 months because you were TRYING to quit smoking was [fill entry D6num and D6unt]? Is that correct?**

(1) Yes   [GO TO SECTION E, Box 21]
(2) No   [GO TO D6num]

|__|

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

D6b   **Was it more or less than one week?**

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

|__| [GO TO SECTION E, Box 21]

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

D7R   DURING THE PAST 12 MONTHS, have you made a serious attempt to stop smoking because you were TRYING to quit – even if you stopped for less than a day?

(1) Yes **[GO TO SECTION E, Box 21]**
(2) No   **[GO TO D8R]**

|__|

[Don't Know OR Refused: GO TO D8R]

D8R   Have you EVER made a serious attempt to stop smoking because you were TRYING to quit – even if you stopped for less than a day?

(1) Yes   **[GO TO F1a]**
(2) No   **[GO TO F1a]**

/__/

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

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

<table>
<tr><td>BOX 21
IF D3 = 1, THEN FILL E1a, E1b, E1c AND E2 WITH "The TIME"
ELSE FILL E1a, E1b, E1c AND E2 WITH "The LAST TIME"</td></tr>
</table>

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:**

[FR: REPEAT THE STEM OF THE QUESTION AS NECESSARY]

(1) Yes
(2) No

E1a1   **A nicotine patch** |__|
E1a2   **A nicotine gum or nicotine lozenge** |__|
E1a3   **A nicotine nasal spray or nicotine inhaler** |__|

E1abn1/u1   **In total, during the LAST TIME/time you tried to QUIT smoking, how long did you use [fill with EACH E1a 1, 2, 3 = 1 (YES) OR IF all three are =1-YES, then fill with "ANY of these"]**

|__|__|number- n1[1-99]
|__| |units-u1 [1= Days, 2= Weeks, 3= Months]

E1a7a   **Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months - Did you use ANY of the following PRODUCTS:**

(1) Yes
(2) No

E1a7a   **A prescription pill, called Chantix or Varenicline ?** |__|

E1a7b   **A prescription pill, called Zyban, Bupropion, or Wellbutrin?** |__|

E1a7c   **Another prescription pill** |__|
                IF E1a7c = YES, GO TO E1a7cS

E1a7cS   **Please specify the other type of prescription pill:**
                _____ [FR: ENTER THE OTHER TYPE OF
                PRESCRIPTION PILL USING TEXT OF AT MOST 20 CHARACTERS]

E1acn1/u1   **In total, during the LAST TIME/time you tried to QUIT smoking, how long did you use [fill with EACH E1a7a,b,c =1 (YES) OR IF ALL E17a ,7b , AND 7c are =1- YES, then fill with "ANY of these prescription PILLS?"]**

|__|__| **number--n1 [1-99]**
|__| **unit-- u1 [1= Days, 2= Weeks, 3= Months]**

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

(1) Yes
(2) No

E1b1 |__| **A telephone help line or quit line**
E1b2 |__| **One-on-one counseling**
E1b3 |__| **A stop smoking clinic, class, or support group**
E1b4 |__| **Help or support from friends or family**
E1b5 |__| **Internet or web-based program**
E1b6 |__| **Books, pamphlets, videos, or other materials**
E1b7 |__| **Acupuncture or hypnosis   IF E1b7 = 1 (YES), THEN GOTO E1b7a; ELSE GO TO E1c**
E1b7a |__| **Which: acupuncture or hypnosis or both?**

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

(1) Yes
(2) No

E1c1 |__| **Try to quit by GRADUALLY cutting back on cigarettes?**
E1c2 |__| **Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff, or snus?**
E1c2b |__| **Try to quit by SWITCHING to regular cigars, cigarillos, little filtered cigars or pipes filled with tobacco?**
E1c3 |__| **Did you SWITCH to a "lighter" cigarette in order to TRY TO QUIT?**

IF B2 OR C2=2 (NON-MENTHOL), 3, DK, OR R, GO TO E1c3b; ELSE IF B2 OR C2=1, GO TO E1c3c

E1c3b |__| Did you SWITCH to menthol cigarettes in order to TRY TO QUIT?----

[IF RESPONDENT SAYS THEY WERE ALREADY SMOKING 'MENTHOL CIGARETTES WHEN THEY TRIED TO QUIT-- THEN THE ANSWER IS "NO" THEY DIDN'T SWITCH TO TRY TO QUIT]

IF B2 OR C2=2 (NON-MENTHOL), THEN GO TO E1c4; ELSE GO TO E1c3c

E1c3c |__| Did you switch to non-menthol cigarettes in order to TRY TO QUIT?

[IF RESPONDENT SAYS THEY WERE ALREADY SMOKING "NON-MENTHOL" CIGARETTES WHEN THEY TRIED TO QUIT-- THEN THE ANSWER IS "NO" THEY DIDN'T SWITCH TO TRY TO QUIT]

E1c4 |__| Did you try to give up cigarettes ALL at ONCE

IF E1c4 = 1 (YES), GO TO E1d; ELSE GO TO F1a

E1d   Please tell me which one statement is true about this most recent quit attempt where you tried to give up cigarettes all at once: [IF NEEDED, We are still talking about the past 12 months.]

READ THE 4 RESPONSE CATEGORIES

(1) I tried to quit as soon as I made the decision.
(2) I planned the quit for later the same day.
(3) I planned the quit for a date in the future.
(4) I decided to quit after having NOT smoked for some other reason

|__|

E1e When you tried to quit all at once, would you say you TRIED TO QUIT "cold turkey?
(1) YES
(2) NO

IF NEEDED: "COLD TURKEY" IS STOPPING ALL AT ONCE WITHOUT ANY AIDS

|__|

(All responses GO TO F1a)

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

The F section has been re-written since the 2003 cycle.

F1a   In the PAST 12 MONTHS have you SEEN a medical doctor?

   (1) Yes   **GO TO F1b**
   (2) No   **GO TO F2a**

   |__|

   [Don't Know OR Refused: **GO TO F2a**]

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

   (1) Yes   **GO TO F1c**
   (2) No   **GO TO F2a**

   |__|

   [Don't Know OR Refused**: GO TO F2a**]

F1c   In the PAST 12 MONTHS, when a medical doctor advised you to quit smoking, did the doctor also: [REPEAT THE STEM OF THE QUESTION AS NEEDED**.]**

   (1) Yes
   (2) No

F1c1 |__| Suggest that you call or use a telephone help line or quit line?

F1c2 |__| Suggest that you use a smoking cessation class, program, or counseling?
F1c3 |__| Recommend or Prescribe a nicotine product such as patch, gum, lozenge, nasal spray or inhaler?
F1c4 |__| Prescribe a pill such as Chantix, Varenicline, Zyban, Bupropion, or Wellbutrin
F1c5 |__| Suggest that you set a specific date to stop smoking?

   GO TO F2a

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

   (1) Yes   **GO TO F2b**
   (2) No   **GO TO G1**

   |__|

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

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

     (1) Yes   **GO TO F2c1**
     (2) No   **GO TO G1**

     |__|

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

**F2c1   In the PAST 12 MONTHS, when a dentist advised you to quit smoking, did
the dentist also:**

     (1) Yes
     (2) No

F2c1 |__| Suggest that you call or use a telephone help line or quit line?
F2c2 |__| Suggest that you use a smoking cessation class, program, or counseling?
F2c3 |__| Recommend or Prescribe a nicotine product such as a patch, gum, lozenge,
                             nasal spray or inhaler
F2c4 |__| Prescribe a pill such as Chantix, Varenicline, Zyban, Bupropion, or Wellbutrin
F2c5 |__| Suggest that you set a specific date to stop smoking?

      All responses GO TO G1

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

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

(1) Yes [GO TO G2]
(2) No   [GO TO G3]

|__|

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

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

(1) Yes
(2) No

|__| All responses GO TO G3

G3   **Overall, on a scale from 1 to 10 where 1 is NOT AT ALL interested and 10 is EXTREMELY interested, how interested are you in quitting smoking?**

|__| IF G3 = 1 ≡ GO TO SECTION J, ELSE GO TO G4

G4   **If you did try to quit smoking altogether in the next 6 months, how LIKELY do you think you would be to succeed --- not at all, a little likely, somewhat likely or very likely?**

(1) Not at all
(2) A little likely
(3) Somewhat likely
(4) Very likely

|__|

ALL EVERY DAY/SOME DAY SMOKERS (A3=1, 2) ≡ GO TO SECTION J

H1NUM/UNT About how long has it been since you COMPLETELY quit smoking cigarettes?

H1NUM ENTER NUMBER
(1-99)

|__|__|

H1UNT ENTER UNIT REPORTED

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

|__|

```
                            BOX 24
IF H1NUM> 18 AND H1UNT= 2≡GO TO H1v
IF H1NUM > 30 AND H1UNT = 3  ≡ GO TO H1v
IF H1NUM >(AGE - [ENTRY A2])  AND H1UNT= 4 ≡GO TO H1ERR
ELSE ≡GO TO H2
```

H1ERR   *** DO NOT READ ***

It was reported (in item A2) that this person first started smoking greater than [fill AGE - (entry to A2)] years ago. Response of [fill entry H1NUM/UNT] (in item H1NUM/UNT) is inconsistent.

(B) Back to correct

|__| ≡GO TO H1NUM

H1v   **I have recorded that it has been about [fill entry H1NUM and H1UNT] since you completely quit smoking cigarettes? Is that correct?**

(1) Yes   [GO TO H2]
(2) No   [GO TO H1NUM]

|__|

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

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

(1) Yes **[GO TO H2a]**
(2) No **[GO TO BOX 26]**

/__/

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

H2a **At what age did you first start to smoke cigarettes EVERY DAY?**

ENTER AGE (01 – AGE)

|__|__|

[Age >5: GO TO H2b]
[AGE Less Than OR Equal 5: GO TO H2av]
[DON'T KNOW OR REFUSED: GO TO H5]

H2av **I have recorded that you were [fill entry H2a] years old when you started smoking cigarettes EVERY DAY. Is that correct?**

(1)Yes **[GO TO H2b]**
(2)No **[GO TO H2a]**

|__|

H2b **When you first started to smoke EVERY DAY, were you living in [fill state/country from A2b] or somewhere else?**

(1) in state/country from A2b   **GO TO H5**
(2) somewhere else

H2bSPC **Please specify the other state or country you were living in when you first started to smoke EVERY DAY.**

_____ SPELL OUT THE STATE /COUNTRY NAME. ENTER A TEXT OF AT MOST 40 CHARACTERS

H5 For how long did you smoke EVERY DAY?

   READ CHOICES 1-4

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

   (5)IF VOLUNTEERED: LESS THAN ONE YEAR

   |___|

H5a   When you last smoked every day, on average how many cigarettes did you smoke each day?

   ENTER NUMBER OF CIGARETTES EACH DAY
   (1-99)

   |__|__| IF # 40: **GO TO H5b**

   [If >40: **GO TO H5av**]
   [Don't Know OR Refused: **H5b**]

 H5av I have recorded that when you last smoked every day, on the average you smoked [fill entry H5a] cigarettes each day. Is that correct?

   (1) Yes [**GO TO H5b**]
   (2) No   [**GO TO H5a**]

   |__|__|

   [Don't Know OR Refused: **H5b**]

H5b   Think of the time during your life when you SMOKED THE MOST. During that time, how many cigarettes did you smoke each day?

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

   ENTER NUMBER OF CIGARETTES PER DAY
   (1-99)

   |__|__| IF # 40: GO TO BOX 26

   [If >40: GO TO H5bv]
   [Don't Know OR Refused: GO TO BOX 26]

H5bv **I have recorded that the time during your life when you SMOKED THE MOST, you smoked [fill entry H5b] cigarettes each day. Is that correct?**

(1) Yes [GO TO BOX 26]
(2) No   [GO TO H5b]

|__|__|

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

```
                              BOX 26

IF H1 #1 YEAR (12 MONTHS, 52 WEEKS, 99 DAYS) ≡GO TO H6
IF H1 > 3YEARS (36 MONTHS, EQUIVALENT in WEEKS and in DAYS)
≡GO TO H11a
ELSE ≡GO TO H6C2
```

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

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

|__|

[IF H6 = 3, GO TO H6C2; ELSE IF H6 = DK, R **GO TO H6Ci]**]

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

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

ENTER NUMBER OF CIGARETTES PER DAY
(1-99)

|__||__|

```
                             BOX26A
IF H6A = D, R ≡ GO TO H6Ci
IF H6A > 40 ≡ GO TO H6Av
ELSE ≡GO TO H6Ci
```

H6Av I have recorded that on the average, you smoked [fill entry H6A] cigarettes a day 12 months ago. Is that correct?

(1) Yes ➔ **GO TO H6Ci**
(2) No ➔ **GO TO H6A to CORRECT**
|__|

IF H6Av = DK, R ➔ H6Ci

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

ENTER (0) FOR NONE

|__|__| (0-30)

```
                          BOX 26B
IF H6B = 0 OR 30 ≡ GO TO H6Bv
ELSE GO TO H6C
```

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

(1) Yes
(2) No

|__|

```
                          BOX  26C
IF (H6Bv = 1 AND H6B = 30 ), OR H6Bv = DK, R ≡GO TO H6C
 ELSE IF H6Bv = 1 AND H6B =0 ≡GO TO H6C2
ELSE IF H6Bv = 2 ≡GO TO H6
```

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

WE ARE STILL TALKING ABOUT "AROUND THIS TIME 12 MONTHS AGO"

|__|__| IF # 40 ≡ **GO TO H6Ci;** ELSE IF H6C = D, R ➔ **GO TO H6Ci**

H6Cv I have recorded that on the average, when you smoked on those [fill entry H6B] days, you smoked [fill entry H6C] cigarettes a day. Is that correct?

(1) Yes
(2) No ≡ GO TO H6C

|__|

(Don't Know or Refused **GO TO H6Ci**)

H6Ci Around this time 12 MONTHS AGO, were you usually smoking menthol or non-menthol cigarettes?

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

|__|

[1 or 2: GO TO H6C3;]
[3, Don't Know OR Refused: GO TO H6C4]

H6C2   Thinking back to the 12 MONTHS BEFORE YOU QUIT SMOKING CIGARETTES, During that time, did you usually smoke menthol or non-menthol cigarettes?

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

|__|

[1 or 2: GO TO H6C3;]
[3, Don't Know OR Refused: GO TO H6C4]

H6C3 For each of the following, please tell me whether it's a reason you usually smoked menthol/non-menthol { fill menthol if H6Ci or H6C2 = 1; fill non-menthol if H6Ci or H6C2 = 2 } cigarettes ?   ----Please answer "yes" or "no" for each.

(1) Yes
(2) No

H6C31 |__| They were less harmful than non-menthol /menthol {fill non-menthol if H6C2 = 1 or H6Ci = 1; fill menthol if H6C2 = 2 or H6Ci = 2—NOTE: Opposite of the fill in the question stem H6C3} cigarettes

H6C32 |__| They had a better flavor than non-menthol /menthol {fill non-menthol if H6Ci =1 or H6C2 = 1; fill menthol if H6Ci = 2 or H6C2 = 2—NOTE: Opposite of the fill in the question stem H6C3} cigarettes

H6C33 |__| **They were less harsh on your THROAT than non-menthol /menthol** {fill **non-menthol** if H6Ci = 1 or H6C2 = 1; fill **menthol i**f H6Ci = 2 or H6C2 = 2—**NOTE:** Opposite of the fill in the question stem H6C3} **cigarettes**

H6C34 |__| **They were less harsh on your CHEST than non-menthol/menthol** {fill **non-menthol** if H6Ci = 1 or H6C2 = 1; fill **menthol** if H6Ci = 2 or H6C2 = 2—**NOTE:** Opposite of the fill in the question stem H6C3} **cigarettes**

IF H6Ci or H6C2 = 1, GO TO H6C5; ELSE IF H6Ci or H6C2 =2, 3, R, or DK, GO TO H6C4

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

    (1) Yes
    (2) No

IF H6C4= 1, THEN GO TO H6C5, ELSE GO TO H6D

H6C5 For how long have you smoked MENTHOL cigarettes?

        READ CHOICES 1-4

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

    (5) IF VOLUNTEERED: LESS THAN ONE YEAR
    |__|

H6d Now I would like to ask about HOW you went about completely quitting smoking. When you quit smoking completely, did you use ANY of the following PRODUCTS:

                     (1) Yes
                     (2) No

H6d1	**A nicotine patch**	|__|
H6d2	**A nicotine gum or nicotine lozenge**	|__|
H6d3	**A nicotine nasal spray or nicotine inhaler**	|__|

H6dnum/unt   In total, how long did you use [fill with **EACH H6d 1, 2, 3 = 1 (YES)** **OR** IF all three are =1- YES, then fill with **"ANY of these"**] **during your last quit attempt when you stopped smoking completely**

                        |__|__|num [1-99]
                        |__|| unt [1= Days, 2= Weeks, 3= Months

H6d7a   When you quit smoking completely, did you use ANY of the following PRODUCTS:

                                                              (1) Yes
                                                              (2) No

H6d7a   A prescription pill, called Chantix or Varenicline ? |__|

H6d7b   A prescription pill, called Zyban, Bupropion, or Wellbutrin? |__|

H6d7c   Another prescription pill |__|
                IF H6d7c = YES, GO TO H6d7sp

H6d7sp --- Please specify the other prescription used: _____
                FR: ENTER A TEXT OF AT MOST 20 CHARACTERS

H6d7dnum/unt   In total, how long did you use [fill with EACH H6d7a,b,c =1 (YES) OR IF ALL7a and 7b and 7c are =1- YES, then fill with **"ANY of these prescription PILLS"**] **during your last quit attempt when you stopped smoking completely?**

                        |__|__| num [1-99]
                        |__|__| unt [1= Days, 2= Weeks, 3= Months

H6e1 When you quit smoking completely, did you use ANY of the following: [FR: FOR THIS QUESTION, RE-READ STEM PERIODICALLY**]**

        (1) Yes
        (2) No

H6e1 |__| A telephone help line or quit line
H6e2 |__| One-on-one counseling
H6e3 |__| A stop smoking clinic, class, or support group
H6e4 |__| Help or support from friends or family
H6e5 |__| The Internet or a web-based program
H6e6 |__| Books, pamphlets, videos, or other materials
H6e7 |__| Acupuncture or hypnosis

[IF YES to H6e7, GO TO H6e7a; ELSE GO TO H6Fa1

H6e7a |__|] Which: acupuncture or hypnosis or both?
(1) Acupuncture   (2) Hypnosis   (3) Both
H6F   When you quit smoking completely, did you do ANY of the following: Please mention ALL methods, whether or not you think they were effective: [FR: FOR THIS QUESTION, RE-READ STEM PERIODICALLY**]**

(1) Yes
(2) No

H6Fa1 |__| Try to quit by GRADUALLY cutting back on cigarettes?
**H6Fa2 |__| Try to quit by SWITCHING to smokeless tobacco such as chewing
                tobacco, snuff, or snus?**
**H6Fa2b |__| Try to quit by SWITCHING to regular cigars, cigarillos, little filtered
                cigars or pipes filled with tobacco?**
H6Fa3 |__| Did you SWITCH to a "lighter" cigarette in order to TRY TO QUIT?

**IF H6Ci = 2 (NON-MENTHOL), 3, DK, R OR H6C2 =2 (NON-MENTHOL), 3, DK, R, GO
     TO H6Fa3b; ELSE GO TO H6Fa3c.**

H6Fa3b |__| Did you SWITCH to menthol cigarettes in order to TRY TO QUIT?

FR: IF RESPONDENT SAYS THEY WERE ALREADY SMOKING MENTHOL
        CIGARETTES WHEN THEY TRIED TO QUIT-- THEN THE ANSWER IS "NO, THEY
        DIDN'T SWITCH TO TRY TO QUIT."

**IF H2Ci = 2 (NON-MENTHOL) OR H6C2 = 2 (NON-MENTHOL), THEN GO TO H6Fa4; ELSE
     GO TO H6Fa3c.**

H6Fa3c |__| Did you SWITCH to non-menthol cigarettes in order to TRY TO QUIT?

FR: IF RESPONDENT SAYS THEY WERE ALREADY SMOKING NON-MENTHOL
        CIGARETTES WHEN THEY TRIED TO QUIT-- THEN THE ANSWER IS "NO,
        THEY DIDN'T SWITCH TO TRY TO QUIT."

H6Fa4 |__| Did you try to give up cigarettes all at once?

IF H6Fa4 = 1 (YES), GO TO H6f1; ELSE GO TO H61a

H6f1   **Please tell me which is true about when you completely quit smoking by giving up cigarettes all at once:**

READ THE 4 RESPONSE OPTIONS

(1) I tried to quit as soon as I made the decision.
(2) I planned the quit for later the same day.
(3) I planned the quit for a date in the future.
(4) I decided to quit after having NOT smoked for some other reason

|__|

H6f2 When you completely stopped smoking by quitting ALL AT ONCE, would you say you QUIT "COLD TURKEY"?

(1) Yes
(2) No

FR: "COLD TURKEY" IS STOPPING ALL AT ONCE WITHOUT ANY AIDS

|__|

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

(1) YES   **GO TO H61b**
(2) NO   **GO TO H62a**

DON'T KNOW OR REFUSED --- **GO TO H62a**

|__|

H61b   During the 12 MONTHS BEFORE you completely quit smoking, did any medical doctor ADVISE you to stop smoking?

(1) YES   **GO TO H61c**
(2) NO   **GO TO H62a**

DON'T KNOW OR REFUSED **GO TO H62a**

|__|

H61c1 In the 12 MONTHS BEFORE you quit smoking, when a medical doctor advised you to quit smoking, did the doctor also:

H61c1   Suggest that you call or use a telephone help line or quit line?
H61c2   Suggest that you use a smoking cessation class, program, or counseling?
H61c3   Recommend or prescribe a nicotine product such as patch, gum, lozenge,
          nasal spray or inhaler?
H61c4   Prescribe a pill such as Chantix, Varenicline, Zyban, Bupropion, or
          Wellbutrin?
H61c5   Suggest that you set a specific date to stop smoking?

<div align="center">

GO TO H62a

</div>

H62a **In the 12 MONTHS BEFORE you COMPLETELY quit smoking, did you SEE a dentist?**

    (1) YES **GO TO H62b**
    (2) NO **GO TO H8a**

     [DON'T KNOW OR REFUSED **GO TO H8a**]

H62b **During the 12 MONTHS BEFORE you completely quit smoking, did any dentist ADVISE you to stop smoking?**

    (1) YES   **GO TO H62c**
    (2) NO   **GO TO H8a**

     [DON'T KNOW OR REFUSED **GO TO H8a**]

H62c **In the 12 MONTHS BEFORE you quit smoking, when a dentist advised you to quit smoking, did the dentist also:**

H62c1 |__| **Suggest that you call or use a telephone help line or quit line?**
H62c2 |__| **Suggest that you use a smoking cessation class, program, or**
                   counseling?
H62c3 |__| **Recommend or Prescribe a nicotine product such as patch, gum, lozenge, nasal spray**
        or inhaler?
H62c4 |__| **Prescribe a pill such as Chantix, Varenicline, Zyban, Bupropion, Wellbutrin?**

H62c5 |__| **Suggest that you set a specific date to stop smoking?**

<div align="center">

GO TO H8a

</div>

H8aNUM/UNT   **During the 12 MONTHS before you quit smoking, how soon after you woke up did you typically smoke your first cigarette of the day?**

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

H8aNUM   ENTER NUMBER (1 – 90)
|__|__|

H8aUNT   ENTER UNIT REPORTED
|__| (1) Minutes   (2) Hours

```
                          BOX 29
IF H8aNUM = 0, D, R  ≡ GO TO H8b
ELSE GO TO H8c
```

H8b   **During the 12 months before you quit smoking, would you say you smoked your first cigarette of the day within the first 30 minutes of awakening?**

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

|__|

H8c   During the 12 months before you quit smoking did you sometimes awaken at night to have a cigarette?

(1) Yes
(2) No

   DO NOT READ

(3) DON'T SLEEP AT NIGHT
(4) USE SOME OTHER TOBACCO PRODUCT WHEN I AWAKEN DURING THE NIGHT

|__|

[**GO TO Section J**]

[The menthol questions are repeated again below for those who stopped smoking greater than 3 years ago from Box 26.]

H11a **Thinking back to the 12 MONTHS BEFORE YOU COMPLETELY QUIT SMOKING CIGARETTES, During that time, DID YOU USUALLY SMOKE menthol or non-menthol cigarettes?**

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

|__|

[1, 2: GO TO H11b1]
[3, Don't Know OR Refused: GO TO H11c]

H11b1 For each of the following, please tell me whether it's a reason you usually smoked menthol/non-menthol { fill menthol if H11a = 1; fill non-menthol if H11a = 2 } **cigarettes ? ----Please answer "yes "or "no" for each.**

(1) Yes
(2) No

H11b1 |__| **They were less harmful than non-menthol /menthol** { fill **non-menthol** if H11a = 1 ; fill **menthol** if H11a = 2 —**NOTE:** Opposite of the fill in the question stem H11b1} **cigarettes.**

H11b2 |__| **They had a better flavor than non-menthol /menthol** { fill **non-menthol** if H11a= 1; fill **menthol** if H11a = 2—**NOTE:** *Opposite of the fill in the question stem H11b1}* **cigarettes.**

H11b3 |__| **They were less harsh on your THROAT than non-menthol /menthol** { fill **non-menthol** *if H11a = 1; fill* **menthol** if H11a = 2—**NOTE:** *Opposite of the fill in the question stem H11b1}* **cigarettes**.

H11b4 |__| **They were less harsh on your CHEST than non-menthol/menthol** { fill **non-menthol** if H11a = 1; fill **menthol** if H11a = 2 }—**NOTE:** Opposite of the fill in the question stem H11b} **cigarettes.**

IF H11a = 1, GO TO H11d; ELSE IF H11a =2, 3, R, or DK, GO TO H11c

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

(1) Yes
(2) No

☐

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

H11d   For how long have you smoked MENTHOL cigarettes?

READ CHOICES 1-4

(1) All or nearly all the years you have smoked
(2) Most of the years you have smoked
(3) Half of the years you have smoked, OR –
(4) Less than half the years you have smoked

(5) IF VOLUNTEERED: LESS THAN ONE YEAR
|__|

[SKIP TO SECTION J]

J   **The next questions are about the use of tobacco other than in cigarettes.**
PRESS 1 TO CONTINUE

J1a   **(Have/Has) (you/name) EVER used any of the following EVEN ONE TIME?**

(1) Yes
(2) No

J1a1 A regular cigar or cigarillo (in Spanish use "medium size cigar" instead of the word "cigarillo") OR a little filtered cigar? |__|

FR: Regular cigars ARE DIFFERENT FROM **little filtered cigars**. THEY CAN BE **large cigars**, OR SMALLER IN SIZE SUCH AS **cigarillos** (IN SPANISH USE "medium size cigars" INSTEAD OF THE WORD "cigarillos" HERE.) THEY ARE USUALLY SOLD INDIVIDUALLY OR IN PACKS OF 5 OR 8. SOME COMMON BRANDS ARE BLACK AND MILD'S, SWISHER SWEETS CIGARILLOS, AND PHILLIES BLUNTS, BUT THERE ARE OTHERS.

FR: **Little filtered cigars** ARE DIFFERENT FROM **regular cigars and cigarillos** (in Spanish use "medium size cigars" instead of word "cigarillos" here). THEY RESEMBLE CIGARETTES IN SIZE, AND ARE OFTEN SOLD IN PACKS OF 20. THEY ARE USUALLY BROWN IN COLOR AND HAVE A SPONGY FILTER LIKE A CIGARETTE. SOME COMMON BRANDS ARE PRIME TIME LITTLE FILTER CIGARS AND WINCHESTER LITTLE FILTER CIGARS, BUT THERE ARE OTHERS.

J1a2   A regular pipe filled with tobacco
       |__|

FR: IF ASKED, "**pipe smoking**" ONLY INCLUDES PIPE <u>TOBACCO</u>. IT DOES <u>NOT</u> INCLUDE SMOKING HASHISH, MARIJUANA, CRACK, OR OTHER SUBSTANCES IN A PIPE. DO NOT INCLUDE WATER PIPES/HOOKAHS {who - kahs OR OTHER NAMES: SHISHA/NARGHILE/ARGILEH,OR HUBBLE-BUBBLE

J1a3   A water pipe or hookah {pronounced: who-kah} pipe filled with tobacco?

FR: IF ASKED, "**water pipe or hookah {who -kah} pipe smoking**" ONLY INCLUDES PIPE <u>TOBACCO</u>. IT DOES <u>NOT</u> INCLUDE SMOKING HASHISH, MARIJUANA, CRACK, OR OTHER SUBSTANCES IN A PIPE. A WATER PIPE OR HOOKAH {who -kah} PIPE IS ALSO REFERRED TO AS A SHISHA, NARGHILE, ARGILEH OR HUBBLE-BUBBLE.

The next question is about smokeless tobacco products which are used in the mouth --

J1a4   (Have/Has) (you/name) EVER used any of the following EVEN ONE TIME?
(1) Yes
(2) No

J1a4   SMOKELESS tobacco, such as moist snuff, dip, spit, chew tobacco or snus.

FR: Snuff or dip IS COMMONLY PLACED BETWEEN THE GUM AND LIP AND SOLD IN ROUND CANS IN --A LOOSE FORM OR A POUCH THAT LOOKS LIKE A SMALL TEA-BAG; COMMON BRANDS ARE SKOAL, COPENHAGEN AND GRIZZLEY BUT THERE ARE OTHERS.

Chewing or spit tobacco (ALSO TWIST, PLUG OR SCRAP) IS USUALLY PLACED IN THE SIDE OF THE MOUTH AND CHEWED AND OFTEN SOLD IN WALLET-SIZED POUCHES; COMMON BRANDS ARE REDMAN, LEVI- GARRET, AND BEECH-NUT, BUT THERE ARE OTHERS.

Snus IS A SPITLESS TOBACCO PRODUCT THAT MAY BE SOLD IN A TIN OR SLIDEPAK IN A LOOSE FORM OR IN SMALL TEABAG-LIKE POUCHES; COMMON BRANDS ARE CAMEL SNUS, MARLBORO SNUS, AND SKOAL SNUS.

```
                          BOX 31
IF ((J1a1 THROUGH J1a4  =  NO, DK or R) AND:
          IF PROXY RESPONDENT ≡GO TO S78
          IF SELF RESPONDENT ≡GO TO BOX 34)
ELSE IF ANY J1a1, 2, 3, 4 = YES (1) GO TO J2a1-4  FOR THOSE
PRODUCTS
```

```
                          BOX 32
ASK J2a FOR EACH YES ENTRY IN J1a1 THROUGH J1a4
```

J2a/J2a1-4   (Do you/Does [name]) NOW (smoke/use) [fill entry in J1a] every day, some days or not at all?   [J1a1-4 entries**: smoke regular cigars, or cigarillos or little filtered cigars…./ smoke a regular pipe filled with tobacco…/ use a water pipe or hookah pipe filled with tobacco…./use smokeless tobacco….]**

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

|__|

IF (J2a2 = 1 OR 2) AND (J2a3 = 1 OR 2), THEN ASK J2a3v. ELSE GO TO BOX 33.

J2a3v Do you currently smoke BOTH regular pipes AND water pipes or hookah {who-kah} pipes?

(1) YES
(2) NO- **GO TO J2a2 and J2a3 to correct and then proceed to BOX 33**

|__|

GO TO BOX 33

BOX 33
IF J2a = 1 <u>OR</u> 3:
IF PROXY: IF LAST ENTRY FROM **J1a** –> GO TO **S78**
ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a1 – 4
IF J2a=1:
IF SELF: IF J2a4 (SMOKELESS) IS 1 (EVERY DAY) AND LAST ENTRY FROM J1a
→ GO TO **Ja**
ELSE IF J2a1 (CIGARS) IS 1 (EVERY DAY)AND LAST ENTRY FROM J1a
→ GO TO **Jb**
ELSE LAST YES ENTRY FROM J1a1-4 –> GO TO **Jd**
ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a1-4
IF J2a=3;
IF SELF: IF LAST ENTRY FROM **J1a** –> GO TO **Jd**
ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a1 – 4
FOR EACH ENTRY J2a1-4 =3 (NOT AT ALL), ASK HOW LONG HAS IT BEEN SINCE YOU
COMPLETELY STOPPED SMOKING // USING CIGARS / PIPES
// SMOKELESS TOBACCO→**Q Jd1/2**
IF J2a = 2: (Someday Smokers)
IF PROXY: IF LAST YES ENTRY FROM J1a 1-4 –>GO TO **S78**
ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a1 -4
IF SELF: –>GO TO **J2b**
IF J2a= DK/REF (-2 or -3):GO BACK TO J2a for next item (ie. pipes, etc.)
IF J2a= DK/REF (-2 or -3) AND IF LAST ENTRY FROM J1a1-4 –> GO TO **BOX 34**

J2b/J2b1-4   On how many of the past 30 days did you (smoke/use) [fill entry J1a1-4]?
[ASK SEPARATELY FOR EACH **"YES"** ENTRY IN J1a WITH J2a = 2]

ENTER NUMBER OF DAYS
ENTER (0) FOR NONE
(0-30)

|__||__| IF [entry in J2b = 0 OR 30] ≡GO TO J2b1-4v; ELSE AFTER OBTAINING ALL
RELEVANT RESPONSES TO THIS QUESTION, IF SMOKELESS CURRENT USE ≡GO TO Ja;
ELSE IF CIGAR CURRENT USE ≡GO TO Jb,

J2b1-4v   You said that you (smoked/used) [fill entry J1a] some days. Is that correct?
[ASK SEPARATELY FOR EACH **"YES"** ENTRY IN **J1a** WITH J2b = X (0) OR 30]

(1) Yes
(2) No   [GO TO RELEVANT J2a1-4 AND CORRECT]

|__|

NOTE: THE J2a, J2b, and J2bv (as needed) SERIES IS REPEATED FOR EACH YES ENTRY IN J1a1-
4 AS APPROPRIATE

AFTER OBTAINING ALL RELEVANT RESPONSES TO THIS QUESTION, IF SMOKELESS
CURRENT USE –>GO TO **Ja**; ELSE IF CIGAR CURRENT USE –>GO TO **Jb,**

**Ja   During the PAST 30 days, what BRAND of smokeless tobacco [IF necessary: moist
snuff, dip, spit, chew or snus] did you use MOST OFTEN?**

**Allow for filling in coded brand name or code number OR ENTER Brand
NAME by clicking on it—**

Ja |__|__| (1-22)

IF BRAND IS NOT ON THE LIST, ENTER "22" for OTHER in Ja.

THE UNREAD CODES FOR INTERVIEWER ENTRY ARE:
1 BEECH-NUT
2 CAMEL SNUS
3 COPE
4 COPENHAGEN
5 COUGAR
6 GRIZZLY
7 HAWKEN
8 HUSKY
9 KAYAK
10 KODIAK
11 LEVI GARRETT
12 LONGHORN
13 MARLBORO SNUS

14 RED MAN
15 RED SEAL
16 ROOSTER
17 SILVER CREEK
18 SKOAL
19 SKOAL SNUS
20 TAYLOR'S PRIDE
21 TIMBER WOLF
22 OTHER

[NOTE: THESE brands are 96% of the market share]

IF Ja = 22, GO TO Jaspc; ELSE IF IF J2a1 = 1 or 2 GO TO Jb--- [If "cigars" are NOW smoked every day or some days, ask Jb and Jc]—ELSE GO TO Jd3.

Jaspc   Please specify the other brand: _____   **FR:** ENTER A TEXT OF AT MOST 20 CHARACTERS.

IF J2a1 = 1 or 2,GO TO Jb--- [If "cigars" are NOW smoked every day or some days, ask Jb and Jc]—ELSE GO TO Jd3

Jb During the PAST 30 days, what type of CIGAR did you use MOST OFTEN?

>   READ the 3 CHOICES

> **(1) Regular/large cigars**
> **(2)"Cigarillos" (in Spanish use "medium size cigars" instead of the word "cigarillos here")**
> **(3) Little filtered cigars**

> |__|

Jc During the PAST 30 days, what BRAND of CIGAR did you smoke MOST OFTEN?

____ ENTER CODE FOR BRAND (1-15). ENTER 15 for OTHER BRAND NOT ON THE LIST

NOTE: List of major brands for coding SEE BELOW. IF indicates " need to prompt with Follow-Up question Jcpro," ask Jcpro after asking main question Jc. Follow-up prompt appears for certain brands that produce regular and little cigars.

THE UNREAD CODES FOR INTERVIEWER ENTRY ARE:

1 Al Capone(makes regular and little/small cigars== **prompt)**
2 Backwoods (regular only)
3 Black & Milds (makes regular and *cigarillo*-medium size cigars **(in Spanish use "medium size cigars " instead of the word "cigarillo" here**) with plastic hard filters) ===**prompt**)
4 Captain Black (little only)
5 Dutch Masters (regular/large cigar)
6 Dutch Treats (little cigar)
7 Erik (little only)
8 Hav-a-tampa (makes regular and little/small cigars== **prompt)**
9 King Edward(makes regular and little/small cigars== **prompt)**
10 Muriel (makes regular and little/small cigars== **prompt)**
11 Phillies (makes regular and little/small cigars== **prompt**)
12 Prime Time (little only)
13 Smoker's Choice (little only)
14 Swisher Sweet* (makes regular and little/small cigars== **prompt**)
15 Other (**prompt**)

Jcpro—Is that a regular or little cigar? Little cigars are cigarette size with a filter.

(1) Regular cigar
(2)Little/small cigars

UNREAD codes:
(3) None of the above;
(4) Nore than one of the above;
DK; R

|__|

Jcflavr— During the past 30 days, did you USUALLY smoke flavored cigars? By flavored we mean fruit, candy, alcohol, clove or any other flavorings.

(1) Yes
(2) No

|__|

Jd
FOR EACH ENTRY J2a1-4 = 3 (NOT AT ALL), GO TO Jd1/2_1-4; ELSE GO TO Jd3.

Jd1/2_1-4   **About how long has it been since you COMPLETELY quit smoking//using --cigars, cigarillos, or little filtered cigars /a regular pipe filled with tobacco / a water pipe or hookah {who-kah} pipe filled with tobacco //smokeless tobacco?**

      Jd11/2/3 /4 |__|__|| NUMBER (1-99)
      Jd2 1/2/3 /4 |__| UNITS
              (1) Days
              (2) Weeks
              (3) Months
              (4) Years

      If product was used only once or twice, ENTER "CTRL R"

Jd3 ASK Jd3 SEPARATELY FOR EACH J1a1-4 = 1 (YES):

Jd3   **In total, how many years did you smoke //use – cigars or cigarillos or little filtered cigars / a regular pipe / a water pipe or hookah pipe filled with tobacco / smokeless tobacco (fill as appropriate from J1a1-4)?**

              *If product was only used once or twice, DO NOT ASK this question and ENTER 0 for "Less than one year"

              ENTER 0 FOR LESS THAN ONE YEAR

              Jd31, 2,3,4 |__|__| (0-99) years

              *For August 2010 and January 2011 – this instruction was added.

BOX 34
FOR PROXY RESPONDENT->GO TO **S78**

FOR SELF RESPONDENT:

IF CURRENT SMOKER OF CIGARETTES (A3=1 OR 2) → GO TO
SECTION JJ

ELSE IF J1a1-4 = NO <u>OR</u> J2a = DK/Refused <u>OR</u> ANY COMBINATION OF
THESE THREE STIPULATIONS FOR ALL FOUR
"OTHER" TOBACCO PRODUCTS FOR ALL ENTRIES –>GO TO **SECTION
JJ**

Other tobacco time to first use:

```
                              BOX 39
IF ONLY ONE PRODUCT MENTIONED IN J2a IS NOW USED
"EVERY DAY" OR "SOME DAYS  [J2a@1-4 =1 OR  2], THAT
PRODUCT IS USED FOR J3a.

    If J2A1=1 or 2 fill with 'smoke your first cigar'
    If J2A2-3=1 or 2 fill with 'smoke your first  pipe'
    If J2A4=1 or 2 fill with 'use smokeless tobacco'

ELSE IF > 1 PRODUCT MENTIONED IN J2a IS NOW USED
"EVERY DAY" OR "SOME DAYS [J2a@1-4=1 OR 2] FILL J3a
WITH THOSE PRODUCTS," LIST ALL PRODUCTS NOW USED.

    If J2A1=1 or 2 and J2A2-3=1 or 2
       fill with 'smoke your first cigar or pipe'
    Else If J2A1=1 or 2 and J2A4=1 or 2
       fill with 'smoke your first cigar or use smokeless tobacco'
    Else If J2A2-3=1 or 2 and J2A4=1 or 2
       fill with 'smoke your first pipe or use smokeless tobacco'
    Else If J2A1, AND J2A2 OR J2A3 And J2A4 =1 or 2,
       fill with 'smoke your first cigar,  pipe, or use smokeless tobacco.'

ELSE IF [(J2a=3 OR J1a = 2) FOR ALL J1a1- 4] AND [Jd1/2 LESS
THAN OR EQUAL TO 1 YEAR, 12 MONTHS, 52 WEEKS, 99
DAYS (i.e., 1 YEAR EQUIVALENCE) FOR ONLY ONE "OTHER
TOBACCO PRODUCT" J1a1, 2, OR 4] AND [ ( IF A3 =3 AND
H1NUM/UNT > 1 YEAR, 12 MOS., 52 WEEKS, OR
EQUIVALENCE) OR  (IF A1=2) ] THEN GO TO J3f.
_____
```

J3a How soon after you wake up do you typically [FILL WITH APPROPRIATE STEM
AND ENDING BASED ON RESPONSES TO J2A1-4—SEE BOX 39 ABOVE]?

(IF NECESSARY, FR ASK FOR BEST ANSWER IN MINUTES OR HOURS)
ENTER (0) in J3a1 IF RESPONDENT INSISTS IT VARIES

J3a1 ENTER NUMBER (0 - 90)
|__|__|

J3a2 ENTER UNIT REPORTED
|__| (1) Minutes   (2) Hours

IF J3a = 0, D, or R, THEN GO TO J3d; ELSE GO TO J3e

J3d Would you say you first .. [FILL WITH APPROPRIATE STEM AND ENDING BASED ON RESPONSES IN J2A1-4 SIMILAR TO J3A….smoke a cigar/ pipe// use smokeless tobacco// smoke a cigar or pipe //smoke a cigar or use smokeless tobacco// smoke a pipe or use smokeless tobacco// smoke a cigar, pipe or use smokeless tobacco]… within the first 30 minutes of awakening?

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

|__|

J3e Do you sometimes awaken during the night to use tobacco?
(1)Yes
(2)No

(3)Don't sleep at night **(UNREAD)**

GO TO BOX 39A

J3f1/2 In the 12 months BEFORE YOU COMPLETELY QUIT smoking (…cigars/pipes..// using smokeless tobacco), how soon after you woke up did you typically [fill with appropriate stem and ending based on responses to J2a1, 2, 4] smoke your first cigar ../ pipe -// - use smokeless tobacco?

(IF NECESSARY, FR ASK FOR BEST ANSWER IN MINUTES OR HOURS) ENTER (0) in J3f1 IF RESPONDENT INSISTS IT VARIES

J3f1 ENTER NUMBER (0 - 90)
|__|__|

J3f2 ENTER UNIT REPORTED
|__| **(1) Minutes   (2) Hours**

IF J3f1 = 0, D or R, THEN GO TO J3g; ELSE GO TO J3h

J3g Would you say you first used cigars/ pipes/ smokeless tobacco// within the first 30 minutes of awakening?

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

|__|

**J3h   During the 12 months BEFORE YOU COMPLETELY QUIT smoking
…cigars/pipes..// using smokeless tobacco, DID you sometimes awaken at night to use tobacco?**

(1)Yes
(2)No

   DO NOT READ

(3)DON'T SLEEP AT NIGHT

(4)USE SOME OTHER TOBACCO PRODUCT WHEN AWAKEN DURING THE NIGHT

|__|

```
_____BOX   39A _____

IF A3 = 1 OR 2 (CURRENT CIGARETTE SMOKER) GO TO
SECTION JJ- DO NOT ASK J4-J7

ELSE IF J2a3 = 1 OR 2, THEN GO TO SECTION JJ (DO NOT ASK J4 – J7 FOR
WATER PIPES (HOOKAHS)

ELSE IF ONLY ONE PRODUCT MENTIONED IN J2a (J2a 1, 2 ,4) IS
NOW USED  "EVERY DAY" OR "SOME DAYS LESS THAN OR
EQUAL TO 12 DAYS" [J2a =1 OR (J2a =2 AND J2b ≥ 12 days)],THAT
PRODUCT IS USED FOR J4-J7—GO TO J4

ELSE IF > 1 PRODUCT MENTIONED IN J2a [J2a =1 OR J2a =2 ], GO TO
SECTION JJ

ELSE IF [(J2a=3 OR J1a = 2) FOR ALL J1a1,2,4] AND [Jd1/2 LESS
THAN OR EQUAL TO 1 YEAR, 12 MONTHS, 52 WEEKS, 99
DAYS (i.e., 1 YEAR EQUIVALENCE) FOR ONLY ONE "OTHER
TOBACCO PRODUCT"  J1a1,2,OR 4] AND [ (IF A3 =3 AND
H1NUM/UNT > 1 YEAR, 12 MOS., 52 WEEKS, OR OTHER
EQUIVALENCE) OR (IF A1=2) ] THEN GO TO J7a.

ELSE –> GO TO SECTION JJ
```

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

(1) Yes   ➔ GO TO J**5**
(2) No   –> GO TO SECTION **JJ**
                IF J4 = D, R ➔ GO TO SECTION **JJ**

J5   **The LAST TIME you stopped smoking // using [fill entry same as for J4 fill—cigars / pipes // smokeless tobacco] in the Past 12 Months BECAUSE YOU WERE TRYING TO QUIT, how long did you stop for?**

J5num   ENTER NUMBER (1 - 99)

|__|__|

J5unt ENTER UNIT REPORTED

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

|__| **IF (J5unt = 2 <u>AND</u> J5num >18) OR (J5num >12 AND J5unt = 3) ➔ GO TO J5v; D or R ➔ GO TO J7a; ELSE ➔ GO TO J6a**

J5v   **I have recorded that the LAST TIME you stopped smoking//using [fill entry same as J4 fill-- cigars/ pipes// smokeless tobacco] in the past 12 months because you were TRYING to quit was [fill entry J5num/J5unt]? Is that correct?**

 (1) Yes
 (2) No   **➔ GO TO J5num/Junt TO CORRECT**

|__|

J6a   **Was [fill entry J5num/unt] the LONGEST you went without smoking//using [fill entry same as J4 fill- cigars/ pipes// smokeless tobacco] in the past 12 months?**

(1) Yes **➔ GO TO J7a1**
(2) No
|__|

J 6b   **During the past 12 MONTHS, what is the LONGEST length of time you stopped smoking//using [**fill entry same as J4 fill-- **cigars/ pipes// smokeless tobacco] because you were TRYING to quit?**

J6bnum ENTER NUMBER **(1 -96)**

|__|__|

J6bunt ENTER UNIT REPORTED

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

|__| **IF (J6num >18 AND J6bunt = 2) OR (J6bnum >12 AND J6bunt = 3) ➔ GO TO J6bv; ELSE ➔ GO TO J7a1**

J6bv   I have recorded that the LONGEST length of time you stopped smoking//using [fill entry same fill as J4—**cigars/ pipes// smokeless tobacco] in the past 12 months because you were TRYING to quit was [**fill entry J6bnum/J6bunt**]? Is that correct?**

(1) Yes
(2) No➔ **GO TO J6bnum/unt TO CORRECT**

|__|

> **J7a--   For J7a – J7c-- Use alternative wording for those who met criteria in BOX 39A for recent former users of one "other tobacco product : ELSE IF [(J2a=3 OR J1a = 2) FOR ALL J1a1- 4] AND [Jd1/2 LESS THAN OR EQUAL TO 1 YEAR, 12 MONTHS, 52 WEEKS, 99DAYS (i.e., 1 YEAR EQUIVALENCE) FOR ONLY ONE "OTHER TOBACCO PRODUCT" J1a1, 2, OR 4] AND [(IF A3 =3 AND H1NUM/UNT > 1 YEAR, 12 MOS., 52 WEEKS, OR EQUIVALENCE) OR (IF A1=2, D, R)] THEN GO TO J7a.)**
>
> **Alternative wording: J7a-c "Now I would like to ask about HOW you went about completely quitting smoking…cigars/ pipes //using smokeless tobacco. When you COMPLETELY quit smoking cigars/pipes   // using smokeless tobacco, did you use ANY of the following PRODUCTS?—For 7b and 7c alternative wording is: "When you COMPLETELY quit smoking cigars/pipes   // using smokeless tobacco, did..............?**

J 7a   Thinking back about the last time you tried to quit [fill entry Box 39A—**smoking cigars/ smoking pipes/ using smokeless tobacco] in the past 12 months …..// SUBSTITUTE ALTERNATIVE WORDING FOR RECENT FORMER USER OF OTHER TOBACCO PRODUCT-- CRITERIA FROM BOX 39A/ BOX J7a-- above//……:**

Did you use any of the following PRODUCTS:

(1) Yes
(2) No

J7a1	**A nicotine patch**	|__|
J7a2	**A nicotine gum or lozenge**	|__|
J7a3	**A nicotine nasal spray or inhaler**	|__|

J7a7a A prescription pill called Chantix or Varenicline? |__|

J7a7b A prescription pill, called Zyban, Bupropion, or Wellbutrin?

|__|

J7a7c Another prescription pill ? |__|
        IF YES TO J7a7c (J7a7c=1) GO TO J7aspc

        J7aspc -- Specify other pill: _____ **FR:** ENTER
TEXT OF AT MOST 40 CHARACTERS

 J7b1 The LAST TIME you tried to quit [fill entry Box 39A/J7a**—smoking cigars/ smoking
        pipes/using smokeless tobacco], did you use ANY of the following://USE
        ALTERNTAIVE WORDING FOR RECENT FORMER USER OF OTHER
        TOBACCO PRODUCT//:**

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

        (1) Yes
        (2) No

J7b1 |__| **A telephone help line or quit line?**
J7b2 |__| **One-on-one counseling?**
J7b3 |__| **A stop smoking clinic, class, or support group?**
J7b4 |__| **Help or support from friends or family?**
J7b5 |__| **The Internet or web-based program?**
J7b6 |__| **Books, pamphlets, videos, or other materials?**
J7b6 |__| **Acupuncture or hypnosis?**

        IF J7b6b = 1 (YES), THEN GO TO J7b6c; ELSE GO TO Jb7.

J7b6c |__| **Which one?** (1) Acupuncture (2) Hypnosis (3) Both

J7b7 |__| **Advice from a medical doctor, dentist or other health professional?**

       IF J7b7 = 1 (YES), THEN GO TO J7b7a; ELSE GO TO J7c.

J7b7a |__| **Which ?-** (1) Doctor (2) Dentist (3) Other health professional (4) More than one
                of the previous choices

        FR: SPECIFY DOCTOR, DENTIST, OTHER BY ENTERING THE APPROPRIATE
        CHOICES (1-4)

J7c **The LAST TIME you tried to QUIT** (fill entry Box 39A/J7a—**smoking cigars /smoking pipes/using smokeless tobacco) in the past 12 months//, did you do ANY of the following: // USE ALTERNTAIVE WORDING FOR RECENT FORMER USER OF OTHER TOBACCO PRODUCT//:**

    (1) Yes
    (2) No

J7c1 **|__| Stopping by gradually cutting back on (**fill entry Box 39A/J7a) … **smoking cigars/smoking pipes/using smokeless tobacco…. in order to TRY TO QUIT?**

J7c2 **|__| Did you TRY GIVING IT UP ALL AT ONCE?**

    IF YES TO J7c2, ask J7c2a; ELSE GO TO SECTION JJ

J7c2a|__| **Would you say you TRIED TO QUIT "cold turkey?**

    FR: "COLD TURKEY" IS STOPPING ALL AT ONCE WITHOUT ANY AIDS

        (1) Yes
        (2) No

                |__|

SECTION JJ

(ASK ALL CURRENT CIGARETTE SMOKERS, OR CURRENT USERS OF OTHER
TOBACCO PRODUCTS, OR--- RECENT FORMER USERS OF ANY TOBACCO
PRODUCT (CIGARETTES OR OTHER TOBACCO PRODUCTS)-- WHO STOPPED
USING THAT PRODUCT WITHIN THE LAST THREE YEARS (H1NUM/UNT OR
Jd1/2_1-4 <equal 3 years, 36months, 99 weeks, or 99 days) –

JJ1 Tobacco companies are developing new smokeless tobacco products, in various shapes, such as a pellet, a toothpick size stick, and a film strip, made from finely ground flavored tobacco that dissolves.   Some common brands are Camel Orbs, Strips and Sticks.

JJ1 Have you tried any new smokeless tobacco products?

(1) Yes
(2) No

|__|

IF YES TO JJ1, ASK JJ2; ELSE GO TO Section K

JJ2   What did you try?

ENTER ALL PRODUCTS MENTIONED SEPARATED BY COMMAS.. ENTER A TEXT OF
AT MOST 60 CHARACTERS.

_____

GO TO SECTION K

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

– ALL RESPONDENTS

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

K1a   The next questions are about your place of work.

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

K1a.   Do you mainly work indoors or outdoors?

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

(1) Indoors [SKIP TO K1b]

(2) Outdoors [SKIP TO K3d]

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

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

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

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

|__|

**K1b   Do you mainly work in an office building, in your own home, in someone else's
          home, or in another indoor place?**

     (1) Office building **[SKIP TO K1b1]**
     (2) Own home **[SKIP TO K4]**
     (3) Someone else's home **[SKIP TO K4]**
     (4) Another indoor place **[SKIP TO K1b1]**

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

K1b1 **In which State (including DC) do you work?**

|__|__| **FR:** ENTER 2 LETTER ABBREVIATION FOR THE STATE.
        GO TO K2a

K1b2. **When you work INDOORS: Do you mainly work in an office building, in your own home, in someone else's home, or in another indoor place?**

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

DON'T KNOW OR REFUSED **[SKIP TO K1c]**

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

|__|__| **ENTER 2 LETTER STATE ABBREVIATION**

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

[READ IF NECESSARY]: "By 'restricted', we mean any limitation on smoking, regardless of who is responsible for that restriction (including owner, employer, gov't , union, etc.).

 (1) YES
 (2) NO **[SKIP TO K3c]**

DON'T KNOW OR REFUSED **[SKIP TO K3c]**

 |__|

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

READ THE FIRST 3 ANSWER CATEGIES ONLY

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

ENTER (4) IF NOT APPLICABLE

 |__|

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

READ THE FIRST 3 ANSWER CATEGIES ONLY

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

ENTER (4) IF NOT APPLICABLE
|__|

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

(1)YES
(2)NO

|__|

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

(1)YES
(2)NO

|__|

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

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

[**READ IF NECESSARY**]: "HOME" IS WHERE YOU LIVE. "RULES" INCLUDE ANY UNWRITTEN "RULES" AND PERTAIN TO ALL PEOPLE WHETHER OR NOT THEY RESIDE IN THE HOME OR ARE VISITORS, WORKMEN, ETC.

(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

|__|

K6c   In bars, cocktail lounges, and clubs, do you THINK that smoking SHOULD be allowed in all areas, allowed in some areas, or not allowed at all?

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

|__|

K6f   On outdoor children's playgrounds and outdoor children's sports fields, do you THINK that smoking SHOULD be allowed in all areas, allowed in some areas, or not allowed at all?

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

|__|

K6g   Inside casinos, do you THINK that smoking SHOULD be allowed in all areas, allowed in some areas, or not allowed at all?

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

|__|

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

     (1) Always be allowed,   **GO TO K6h2**
     (2) Be allowed under some conditions, or   **GO TO K6h2**
     (3) Never be allowed?   **GO TO K7 IF B2=1 OR C2=1**
        (MENTHOL SMOKER); ELSE GO TO KStresh

     DON'T KNOW OR REFUSED GO TO K6h2

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

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

Ask K7 if B2=1 OR C2 = 1 (menthol smoker); ELSE GO TO KSTRESH.

K7 If menthol cigarettes were no longer sold, which of the following would you MOST LIKELY do:

   (1)   Switch to non-menthol cigarettes
   (2)   Switch to some other tobacco product; or
   (3)   Quit smoking and not use any other tobacco product

          DO NOT READ CATEGORY #4.

   (4)   NONE OF THE ABOVE
          |__|

KStresh—STATE of Residence When Born for ALL Respondents

KStresh: In what state or country were you born?

IF THE PERSON WAS BORN IN ONE OF THE 50 STATES OF THE UNITED STATES (OR DC) ENTER WHICH STATE, IF THE PERSON WAS NOT BORN IN THE UNITED STATES ENTER A COUNTRY.

FR: SPELL OUT THE STATE OR COUNTRY NAME. ENTER A TEXT OF AT
              MOST 40 CHARACTERS

              _____

              (GO TO SINTTP)

   STATE of Residence When Born-- for ALL PROXY Respondents

KStresh: - In what state or country was _____ (Respondent's name for which the
                  PROXY is responding**) born?**

 FR: IF THE RESPONDENT WAS BORN IN ONE OF THE 50 STATES OF THE UNITED STATES (OR DC) ENTER WHICH STATE, IF THE PERSON WAS NOT BORN IN THE UNITED STATES ENTER A COUNTRY.

SPELL OUT THE STATE OR COUNTRY NAME. ENTER A TEXT OF AT MOST 40 CHARACTERS.

              _____

SINTTP   *** DO NOT READ ***

In what language was the interview conducted for this person?

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

|__|

ATTACHMENT 9

INDUSTRY CLASSIFICATION

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

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

These codes correspond to Items PEIO1ICD and PEIO2ICD, in positions 856-859 and 864-867 of the Basic CPS record layout in all months, **except March**. In the **March**, these codes correspond to PEIOIND, in positions 87-90 of the Person record.

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
	Agriculture, Forestry, Fishing, and Hunting	
0170	Crop production	111
0180	Animal production	112
0190	Forestry except logging	1131, 1132
0270	Logging	1133
0280	Fishing, hunting, and trapping	114
0290	Support activities for agriculture and forestry	115
	Mining	
0370	Oil and gas extraction	211
0380	Coal mining	2121
0390	Metal ore mining	2122
0470	Nonmetallic mineral mining and quarrying	2123
0480	Not specified type of mining	Part of 21
0490	Support activities for mining	213
	Utilities	
0570	Electric power generation, transmission and distribution	Pt. 2211
0580	Natural gas distribution	Pt. 2212
0590	Electric and gas, and other combinations	Pts. 2211, 2212
0670	Water, steam, air-conditioning, and irrigation systems	22131, 22133
0680	Sewage treatment facilities	22132
0690	Not specified utilities	Part of 22

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

Durable Goods Manufacturing

2002 Census Code	Description	2002 NAICS Code
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
3690	Other transportation equipment manufacturing	3369

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
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

Retail Trade

Census Code	Description	NAICS Code
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

Transportation and Warehousing

Census Code	Description	NAICS Code
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

Census Code	Description	NAICS Code
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

Census Code	Description	NAICS Code
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

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

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 Service

8660	Traveler accommodation	7211
8670	Recreational vehicle parks and camps, and rooming and boarding houses	7212, 7213
8680	Restaurants and other food services	722 exc. 7224
8690	Drinking places, alcoholic beverages	7224

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	Dry cleaning and laundry services	8123
9080	Funeral homes, cemeteries, and crematories	8122
9090	Other personal services	8129
9160	Religious organizations	8131
9170	Civic, social, advocacy organizations, and grant making and giving services	8132, 8133, 8134
9180	Labor unions	81393
9190	Business, professional, political, and similar organizations	8139 exc. 81393
9290	Private households	814
	Public Administration	
9370	Executive offices and legislative bodies	92111, 92112, 92114, pt. 92115
9380	Public finance activities	92113
9390	Other general government and support	92119
9470	Justice, public order, and safety activities	922, pt. 92115
9480	Administration of human resource programs	923
9490	Administration of environmental quality and housing programs	924, 925
9570	Administration of economic programs and space research	926, 927
9590	National security and international affairs	928
	Armed Forces	
9890	Armed Forces	

* **Code changed from 2000** (In addition to adding of fourth digit)
* * **Industry content changed from 2000, name may have changed**
* * * **New industry**
* * * * **Industry name changed, Content did not**

Detailed Industry Recodes
(01-52)

These codes correspond to Items PRDTIND1 and PRDTIND2 in positions 472-475 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTIND and are located in positions 157-158.

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture	0170 - 0180, 0290
2	Forestry, logging, fishing, hunting, and trapping	0190 - 0280
3	Mining	0370 - 0490
4	Construction	0770
5	Nonmetallic mineral products	2470 - 2590
6	Primary metals and fabricated metal products	2670 - 2990
7	Machinery manufacturing	3070 - 3290
8	Computer and electronic products	3360 - 3390
9	Electrical equipment, appliance manufacturing	3470, 3490
10	Transportation equipment manufacturing	3570 - 3690
11	Wood products	3770 - 3870
12	Furniture and fixtures manufacturing	3890
13	Miscellaneous and not specified manufacturing	3960 - 3990
14	Food manufacturing	1070 - 1290
15	Beverage and tobacco products	1370, 1390
16	Textile, apparel, and leather manufacturing	1470 - 1790
17	Paper and printing	1870 - 1990
18	Petroleum and coal products	2070, 2090
19	Chemical manufacturing	2170 - 2290
20	Plastics and rubber products	2370 - 2390
21	Wholesale trade	4070 - 4590
22	Retail trade	4670 - 5790
23	Transportation and warehousing	6070 - 6390
24	Utilities	0570 - 0690
25	Publishing industries (except internet)	6470 - 6490
26	Motion picture and sound recording industries	6570, 6590
27	Broadcasting (except internet)	6670
28	Internet publishing and broadcasting	6675
29	Telecommunications	6680, 6690
30	Internet service providers and data processing services	6692, 6695
31	Other information services	6770, 6780
32	Finance	6870 - 6970
33	Insurance	6990
34	Real estate	7070
35	Rental and leasing services	7080 - 7190
36	Professional and technical services	7270 - 7490
37	Management of companies and enterprises	7570
38	Administrative and support services	7580 - 7780
39	Waste management and remediation services	7790

CODE	DESCRIPTION	INDUSTRY CODE
40	Educational services	7860 - 7890
41	Hospitals	8190
42	Health care services, except hospitals	7970 - 8180,
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

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 2011)

These categories are aggregated into 23 detailed groups and 11 major groups (see page 10-14). The codes in the right hand column are the 2010 SOC equivalent. Changes from the Census 2007 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.

2010 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)
0135	Compensation and benefits managers	(11-3111)
0136	Human resources managers	(11-3121)
0137	Training and development managers	(11-3131)
0140	Industrial production managers	(11-3051)
0150	Purchasing managers	(11-3061)
0160	Transportation, storage, and distribution managers	(11-3071)
0205	Farmers, ranchers, and other agricultural managers	(11-9013)
0220	Construction managers	(11-9021)
0230	Education administrators	(11-9030)
0300	Engineering managers	(11-9041)
0310	Food service managers	(11-9051)
0325	Funeral service managers	(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)
0425	Emergency management directors	(11-9161)
0430	Managers, all other	(11-9199)

Business and Financial Operations Occupations

Business Operations Specialists

Code	Description	SOC
0500	Agents and business managers of artists, performers, and athletes	13-1011
0510	Purchasing agents and buyers, farm products	13-1021
0520	Wholesale and retail buyers, except farm products	13-1022
0530	Purchasing agents, except wholesale, retail, and farm products	13-1023
0540	Claims adjusters, appraisers, examiners, and investigators	13-1030
0565	Compliance officers	13-1041
0600	Cost estimators	13-1051
0630	Human resource workers	13-1070
0640	Compensation, benefits, and job analysis specialists	13-1141
0650	Training and development specialists	13-1151
0700	Logisticians	13-1081
0710	Management analysts	13-1111
0725	Meeting, convention, and event planners	13-1121
0726	Fundraisers	13-1131
0735	Market research analysts and marketing specialists	13-1161
0740	Business operations specialists, all other	13-1199

Financial Specialists

Code	Description	SOC
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

Code	Description	SOC
1005	Computer and information research scientists	15-1111
1006	Computer systems analysts	15-1121
1007	Information security analysts	15-1122
1010	Computer programmers	15-1131
1020	Software developers, applications and systems software	15-113X
1030	Web developers	15-1134
1050	Computer support specialists	15-1150
1060	Database administrators	15-1141
1105	Network and computer systems administrators	15-1142

1106	Computer network architects	15-1143
1107	Computer occupations, all other	15-1199
1200	Actuaries	15-2011
1210	Mathematicians	15-2021
1220	Operations research analysts	15-2031
1230	Statisticians	15-2041
1240	Miscellaneous mathematical science occupations	15-2090

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
1660	Life scientists, all other	19-1099
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
1815	Survey researchers	19-3022
1820	Psychologists	19-3030
1830	Sociologists	19-3041
1840	Urban and regional planners	19-3051

2010 CENSUS CODE	DESCRIPTION	2000 SOC CODE
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
1950	Social science research assistants	19-4061
1965	Miscellaneous life, physical, and social science technicians	19-4090

Community and Social Services Occupations

2000	Counselors	21-1010
2010	Social workers	21-1020
2015	Probation officers and correctional treatment specialists	21-1092
2016	Social and human service assistants	21-1093
2025	Miscellaneous community and social service specialists, including health educators and community health workers	21-109X
2040	Clergy	21-2011
2050	Directors, religious activities and education	21-2021
2060	Religious workers, all other	21-2099

Legal Occupations

2100	Lawyers, Judges, magistrates, and other judicial workers	23-1011
2105	Judicial law clerks	23-1011
2145	Paralegals and legal assistants	23-2011
2160	Miscellaneous legal support workers	23-2090

Education, Training, and Library Occupations

2200	Postsecondary teachers	25-1000
2300	Preschool and kindergarten teachers	25-2010
2310	Elementary and middle school teachers	25-2020
2320	Secondary school teachers	25-2030
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
2825	Public relations specialists	27-3031
2830	Editors	27-3041
2840	Technical writers	27-3042
2850	Writers and authors	27-3043
2860	Miscellaneous media and communication workers	27-3090
2900	Broadcast and sound engineering technicians and radio operators	27-4010
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
3235	Exercise physiologists	29-1128
3245	Therapists, all other	29-1129
3250	Veterinarians	29-1131
3255	Registered nurses	29-1141
3256	Nurse anesthetists	29-1151
3257	Nurse midwives	29-1161
3258	Nurse practitioners	29-1171
3260	Health diagnosing and treating practitioners, all other	29-1199
3300	Clinical laboratory technologists and technicians	29-2010
3310	Dental hygienists	29-2021
3320	Diagnostic related technologists and technicians	29-2030
3400	Emergency medical technicians and paramedics	29-2041
3420	Health diagnosing and treating practitioner support technicians	29-2050
3500	Licensed practical and licensed vocational nurses	29-2061
3510	Medical records and health information technicians	29-2071
3520	Opticians, dispensing	29-2081
3535	Miscellaneous health technologists and technicians	29-2090

2010 CENSUS CODE	DESCRIPTION	2000 SOC CODE
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
3645	Medical assistants	31-9092
3646	Medical transcriptionists	31-9094
3647	Pharmacy aides	31-9095
3648	Veterinary assistants and laboratory animal caretakers	31-9096
3649	Phlebotomists	31-9097
3655	Miscellaneous healthcare support occupations, including medical equipment preparers	31-909X

Protective Service Occupations

3700	First-line supervisors/managers of correctional officers	33-1011
3710	First-line supervisors/managers of police and detectives	33-1012
3720	First-line supervisors/managers of fire fighting and prevention workers	33-1021
3730	Supervisors, protective service workers, all other	33-1099
3740	Fire fighters	33-2011
3750	Fire inspectors	33-2020
3800	Bailiffs, correctional officers, and jailers	33-3010
3820	Detectives and criminal investigators	33-3021
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
3945	Transportation security screeners	33-9093
3955	Lifeguards and other recreational and all other protective service workers	33-909X

Food Preparation and Serving Related Occupations

4000	Chefs and head cooks	35-1011
4010	First-line supervisors/managers of food preparation and serving workers	35-1012
4020	Cooks	35-2010
4030	Food preparation workers	35-2021
4040	Bartenders	35-3011
4050	Combined food preparation and serving workers, including fast food	35-3021
4060	Counter attendants, cafeteria, food concession, and coffee shop	35-3022
4110	Waiters and waitresses	35-3031
4120	Food servers, nonrestaurant	35-3041
4130	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

Personal Care and Service Occupations

4300	First-line supervisors/managers of gaming workers	39-1010
4320	First-line supervisors/managers of personal service workers	39-1021
4340	Animal trainers	39-2011
4350	Nonfarm animal caretakers	39-2021
4400	Gaming services workers	39-3010
4410	Motion picture projectionists	39-3021
4420	Ushers, lobby attendants, and ticket takers	39-3031
4430	Miscellaneous entertainment attendants and related workers	39-3090
4460	Embalmers and funeral attendants	39-40XX
4465	Morticians, undertakers, and funeral directors	39-4031
4500	Barbers	39-5011
4510	Hairdressers, hairstylists, and cosmetologists	39-5012
4520	Miscellaneous personal appearance workers	39-5090
4530	Baggage porters, bellhops, and concierges	39-6010
4540	Tour and travel guides	39-6020
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

2010 CENSUS CODE	DESCRIPTION	2000 SOC CODE
4840	Sales representatives, services, all other	41-3099
4850	Sales representatives, wholesale and manufacturing	41-4010
4900	Models, demonstrators, and product promoters	41-9010
4920	Real estate brokers and sales agents	41-9020
4930	Sales engineers	41-9031
4940	Telemarketers	41-9041
4950	Door-to-door sales workers, news and street vendors, and related workers	41-9091
4965	Sales and related workers, all other	41-9099

Office and Administrative Support Occupations

2010 CENSUS CODE	DESCRIPTION	2000 SOC CODE
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
5165	Financial clerks, all other	43-3099
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
5850	Mail clerks and mail machine operators, except postal service	43-9051
5860	Office clerks, general	43-9061
5900	Office machine operators, except computer	43-9071
5910	Proofreaders and copy markers	43-9081
5920	Statistical assistants	43-9111
5940	Office and administrative support workers, all other	43-9199

Farming, Fishing, and Forestry Occupations

6005	First-line supervisors of farming, fishing, and forestry workers	45-1011
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
6355	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
6515	Roofers	47-2181
6520	Sheet metal workers	47-2211
6530	Structural iron and steel workers	47-2221
6600	Helpers, construction trades	47-3010

2010 CENSUS CODE	DESCRIPTION	2000 SOC CODE
6660	Construction and building inspectors	47-4011
6700	Elevator installers and repairers	47-4021
6710	Fence erectors	47-4031
6720	Hazardous materials removal workers	47-4041
6730	Highway maintenance workers	47-4051
6740	Rail-track laying and maintenance equipment operators	47-4061
6750	Septic tank servicers and sewer pipe cleaners	47-4071
6765	Miscellaneous construction and related workers	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
7315	Heating, air conditioning, and refrigeration mechanics and installers	49-9021
7320	Home appliance repairers	49-9031
7330	Industrial and refractory machinery mechanics	49-904X
7340	Maintenance and repair workers, general	49-9042
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

7440	Wind turbine service technicians	49-9081
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
7630	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
7855	Food processing workers, all other	51-3099
7900	Computer control programmers and operators	51-4010
7920	Extruding and drawing machine setters, operators, and tenders, metal and plastic	51-4021
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
8250	Prepress technicians and workers	51-5111
8255	Printing press operators	51-5112
8256	Print binding and finishing workers	51-5113
8300	Laundry and dry-cleaning workers	51-6011
8310	Pressers, textile, garment, and related materials	51-6021

2010 CENSUS CODE	DESCRIPTION	2000 SOC CODE
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
8965	Production workers, all other	51-9199

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
9415	Transportation attendants, except flight attendants	53-6061
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

2010 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 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJOCC and are located in positions 159-160.

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management, business, and financial occupations	0010-0950
2	Professional and related occupations	1000-3540
3	Service occupations	3600-4650
4	Sales and related occupations	4700-4960
5	Office and administrative support occupations	5000-5930
6	Farming, fishing, and forestry occupations	6000-6130
7	Construction and extraction occupations	6200-6940
8	Installation, maintenance, and repair occupations	7000-7620
9	Production occupations	7700-8960
10	Transportation and material moving occupations	9000-9750
11	Armed Forces	9840

ATTACHMENT 11

Specific Metropolitan Identifiers

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

List 1. FIPS Metropolitan Area (CBSA) Codes

List 2. FIPS Consolidated Statistical Area (CSA) Codes

List 3. Individual Principal Cities

List 4. FIPS County Codes

Unless otherwise noted, all definitions for geographic areas on these lists reflect the June 30, 2003 OMB definitions.

LIST 1: FIPS METROPOLITAN AREA (CBSA) CODES

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

FIPS
Code   Metropolitan (CBSA) TITLE

FIPS Code	Metropolitan (CBSA) TITLE
10500	Albany, GA (Baker, Terrell, and Worth Counties not in sample)
10580	Albany-Schenectady-Troy, NY
10740	Albuquerque, NM
10900	Allentown-Bethlehem-Easton, PA-NJ
11020	Altoona, PA
11100	Amarillo, TX (Armstrong and Carson Counties not in sample)
11300	Anderson, IN
11340	Anderson, SC
11460	Ann Arbor, MI
11500	Anniston-Oxford, AL
11540	Appleton, WI
11700	Asheville, NC (Haywood and Madison Counties not in sample)
12020	Athens-Clarke County, GA (Oglethorpe County not in sample)
12060	Atlanta-Sandy Springs-Marietta, GA (Haralson, Heard, Jasper, Meriwether and Spalding Counties not in sample)
12100	Atlantic City, NJ
12260	Augusta-Richmond County, GA-SC
12420	Austin-Round Rock, TX
12540	Bakersfield, CA
12580	Baltimore-Towson, MD
12940	Baton Rouge, LA
13140	Beaumont-Port Arthur, TX
13380	Bellingham, WA
13460	Bend, OR
13740	Billings, MT (Carbon County not in sample)
13780	Binghamton, NY
13820	Birmingham-Hoover, AL
14020	Bloomington, IN (Owen County not in sample)
14060	Bloomington-Normal IL
14260	Boise City-Nampa, ID (Owyhee County not in sample)
14500	Boulder, CO
14540	Bowling Green, KY
14740	Bremerton-Silverdale, WA
15180	Brownsville-Harlingen, TX
15380	Buffalo-Niagara Falls, NY
15940	Canton-Massillon, OH
15980	Cape Coral-Fort Myers, FL
16300	Cedar Rapids, IA (Benton and Jones Counties not in sample)
16580	Champaign-Urbana, IL (Ford County not in sample)
16620	Charleston, WV (Clay County not in sample)
16700	Charleston-North Charleston, SC

FIPS Code	Metropolitan (CBSA) TITLE
16740	Charlotte-Gastonia-Concord, NC-SC (Anson County, NC not in sample)
16860	Chattanooga, TN-GA
16980	Chicago-Naperville-Joliet, IL-IN-WI (DeKalb, IL; Jasper, IN; and Kenosha, WI Counties not in sample)
17020	Chico, CA
17140	Cincinnati-Middletown, OH-KY-IN (Franklin County , IN not in sample; Dearborn and Ohio Counties, IN not identified)
17460	Cleveland-Elyria-Mentor, OH
17660	Coeur d'Alene, ID
17820	Colorado Springs, CO
17860	Columbia, MO (Howard County not in sample)
17900	Columbia, SC
17980	Columbus, GA-AL (Harris County, GA and Russell County, Alabama not in sample)
18140	Columbus, OH (Morrow County not in sample)
18580	Corpus Christi, TX
19100	Dallas-Fort Worth-Arlington, TX (Delta and Hunt Counties not in sample)
19340	Davenport-Moline-Rock Island, IA-IL
19380	Dayton, OH
19460	Decatur, Al
19500	Decatur, IL
19660	Deltona-Daytona Beach-Ormond Beach, FL
19740	Denver-Aurora, CO
19780	Des Moines, IA
19820	Detroit-Warren-Livonia, MI
20100	Dover, DE
20260	Duluth, MN-WI (Carlton County, MN not in sample, WI portion not identified)
20500	Durham, NC
20740	Eau Claire, WI
20940	El Centro, CA
21340	El Paso, TX
21500	Erie, PA
21660	Eugene-Springfield, OR
21780	Evansville, IN-KY (Gibson County, IN and Kentucky portion not in sample)
22020	Fargo, ND-MN (MN portion not identified)
22140	Farmington, NM
22180	Fayetteville, NC
22220	Fayetteville-Springdale-Rogers, AR-MO (Madison County, AR and Missouri portion not in sample)
22420	Flint, MI
22460	Florence, AL
22660	Fort Collins-Loveland, CO
22900	Fort Smith, AR-OK (Oklahoma portion not in sample)
23020	Fort Walton Beach-Crestview-Destin, FL
23060	Fort Wayne, IN
23420	Fresno, CA
23540	Gainesville, FL (Gilchrist County not in sample)
24340	Grand Rapids-Wyoming, MI

FIPS Code	Metropolitan (CBSA) TITLE
24540	Greeley, CO
24580	Green Bay, WI (Oconto County not in sample)
24660	Greensboro-High Point, NC
24860	Greenville, SC (Laurens and Pickens Counties not in sample)
25060	Gulfport-Biloxi, MS (Stone County not in sample)
25180	Hagerstown-Martinsburg, MD-WV (Berkeley County, WV not identified and Morgan County, WV not in sample)
25420	Harrisburg-Carlisle, PA
25500	Harrisonburg, VA
25860	Hickory-Morganton-Lenoir, NC (Caldwell County not in sample)
26100	Holland-Grand Haven, MI
26180	Honolulu, HI
26420	Houston-Baytown-Sugar Land, TX
26580	Huntington-Ashland, WV-KY-OH (Kentucky and Ohio portions not identified)
26620	Huntsville, AL
26900	Indianapolis, IN
26980	Iowa City, IA (Washington County not in sample)
27100	Jackson, MI
27140	Jackson, MS
27260	Jacksonville, FL
27340	Jacksonville, NC
27500	Janesville, WI
27740	Johnson City, TN
27780	Johnstown, PA
27900	Joplin, MO
28020	Kalamazoo-Portage, MI
28100	Kankakee-Bradley, IL
28140	Kansas City, MO-KS (Franklin, KS; Leavenworth, KS; Linn, KS; Bates, MO; and Caldwell, MO Counties not in sample)
28660	Killeen-Temple-Fort Hood, TX
28700	Kingsport-Bristol, TN-VA (Virginia portion not identified)
28740	Kingston, NY
28940	Knoxville, TN (Anderson County not in sample)
29100	La Crosse, WI-MN (Houston County not in sample)
29180	Lafayette, LA
29340	Lake Charles, LA (Cameron Parish not in sample)
29460	Lakeland-Winter Haven, FL
29540	Lancaster, PA
29620	Lansing-East Lansing, MI
29700	Laredo, TX
29740	Las Cruces, NM
29820	Las Vegas-Paradise, NV
29940	Lawrence, KS
30020	Lawton, OK
30460	Lexington-Fayette, KY
30780	Little Rock-North Little Rock, AR (Perry County not in sample)
30980	Longview, TX (Rusk and Upshur Counties not in sample)
31100	Los Angeles-Long Beach-Santa Ana, CA
31140	Louisville, KY-IN (Washington, IN; Henry, KY; Nelson, KY; Shelby, KY; and Trimble, KY Counties not in sample)

FIPS Code	Metropolitan (CBSA) TITLE
31180	Lubbock, TX (Crosby County not in sample)
31340	Lynchburg, VA (Appomattox and Bedford Counties and Bedford City not In sample)
31420	Macon,, GA (Crawford, Monroe, and Twiggs Counties not in sample)
31460	Madera, CA
31540	Madison, WI (Iowa County not in sample)
32580	McAllen-Edinburg-Pharr, TX
32780	Medford, OR
32820	Memphis, TN-MS-AR (Arkansas portion not identified and Tunica County, MS not in sample)
32900	Merced, CA
33100	Miami-Fort Lauderdale-Miami Beach, FL
33140	Michigan City-La Porte, IN
33260	Midland, TX
33340	Milwaukee-Waukesha-West Allis, WI
33460	Minneapolis-St Paul-Bloomington, MN-WI (Wisconsin portion not identified)
33660	Mobile, AL
33700	Modesto, CA
33740	Monroe, LA
33780	Monroe, MI
33860	Montgomery, AL
34740	Muskegon-Norton Shores, MI
34820	Myrtle Beach-Conway-North Myrtle Beach, SC
34900	Napa, CA
34940	Naples-Marco Island, FL
34980	Nashville-Davidson-Murfreesboro, TN (Cannon, Hickman and Macon Counties not in sample)
35380	New Orleans-Metairie-Kenner, LA
35620	New York-Northern New Jersey-Long Island, NY-NJ-PA (Pennsylvania portion not in sample. White Plains central city recoded to balance of metropolitan)
35660	Niles-Benton Harbor, MI
36100	Ocala, FL
36140	Ocean City, NJ
36260	Ogden-Clearfield, UT
36420	Oklahoma City, OK
36500	Olympia, WA
36540	Omaha-Council Bluffs, NE-IA
36740	Orlando, FL
36780	Oshkosh-Neenah, WI
37100	Oxnard-Thousand Oaks-Ventura, CA
37340	Palm Bay-Melbourne-Titusville, FL
37460	Panama City-Lynn Haven, FL
37860	Pensacola-Ferry Pass-Brent, FL
37900	Peoria, IL
37980	Philadelphia-Camden-Wilmington, PA-NJ-DE
38060	Phoenix-Mesa-Scottsdale, AZ
38300	Pittsburgh, PA

FIPS Code	Metropolitan (CBSA) TITLE
38900	Portland-Vancouver-Beaverton, OR-WA (Yamhill County, OR not in sample)
38940	Port St. Lucie-Fort Pierce, FL
39100	Poughkeepsie-Newburgh-Middletown, NY
39140	Prescott, AZ
39340	Provo-Orem, UT (Juab County not in sample)
39380	Pueblo, CO
39460	Punta Gorda, FL
39540	Racine, WI
39580	Raleigh-Cary, NC
39740	Reading, PA
39900	Reno-Sparks, NV
40060	Richmond, VA (Cumberland County not in sample)
40140	Riverside-San Bernardino-Ontario, CA
40220	Roanoke, VA (Craig and Franklin Counties not in sample)
40380	Rochester, NY
40420	Rockford, IL
40900	Sacramento--Arden-Arcade–Roseville, CA
40980	Saginaw-Saginaw Township North, MI
41060	St. Cloud, MN
41180	St. Louis, MO-IL (Calhoun County, IL not in sample)
41420	Salem, OR
41500	Salinas, CA
41540	Salisbury, MD
41620	Salt Lake City, UT (Tooele County not in sample)
41700	San Antonio, TX
41740	San Diego-Carlsbad-San Marcos, CA
41860	San Francisco-Oakland-Fremont, CA
41940	San Jose-Sunnyvale-Santa Clara, CA
42020	San Luis Obispo-Paso Robles, CA
42060	Santa Barbara-Santa Maria-Goleta, CA
42100	Santa Cruz-Watsonville, CA
42140	Santa Fe, NM
42220	Santa Rosa-Petaluma, CA
42260	Sarasota-Bradenton-Venice, FL
42340	Savannah, GA
42540	Scranton-Wilkes-Barre, PA
42660	Seattle-Tacoma-Bellevue, WA
43340	Shreveport-Bossier City, LA
43620	Sioux Falls, SD
43780	South Bend-Mishawaka, IN-MI (Michigan portion not identified)
43900	Spartanburg, SC
44060	Spokane, WA
44100	Springfield, IL
44180	Springfield, MO (Dallas and Polk Counties not in sample)
44220	Springfield, OH
44700	Stockton, CA
45060	Syracuse, NY
45220	Tallahassee, FL
45300	Tampa-St. Petersburg-Clearwater, FL

FIPS Code	Metropolitan (CBSA) TITLE
45780	Toledo, OH (Ottawa County not in sample)
45820	Topeka, KS (Jackson and Jefferson Counties not in sample)
45940	Trenton-Ewing, NJ
46060	Tucson, AZ
46140	Tulsa, OK (Okmulgee County not in sample)
46220	Tuscaloosa, AL (Greene and Hale Counties not in sample)
46540	Utica-Rome, NY
46660	Valdosta, GA (Lanier County not in sample)
46700	Vallejo-Fairfield, CA
46940	Vero Beach, FL
47020	Victoria, TX
47220	Vineland-Millville-Bridgeton, NJ
47260	Virginia Beach-Norfolk-Newport News, VA-NC (North Carolina portion not identified)
47300	Visalia-Porterville, CA
47380	Waco, TX
47580	Warner Robins, GA
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV (West Virginia portion not identified. Reston central city recoded to balance of metropolitan.)
47940	Waterloo-Cedar Falls, IA (Grundy County not in sample)
48140	Wausau, WI
48620	Wichita, KS
49180	Winston-Salem, NC
49420	Yakima, WA
49620	York-Hanover, PA
49660	Youngstown-Warren-Boardman, OH-PA (Pennsylvania portion not in sample)
70750	Bangor, ME
70900	Barnstable Town, MA
71650	Boston-Cambridge-Quincy, MA-NH
71950	Bridgeport-Stamford-Norwalk, CT
72400	Burlington-South Burlington, VT
72850	Danbury, CT
73450	Hartford-West Hartford-East Hartford, CT
74500	Leominster-Fitchburg-Gardner, MA
75700	New Haven, CT
76450	Norwich-New London, CT-RI (RI portion recoded to Providence NECTA)
76750	Portland-South Portland, ME
77200	Providence-Fall River-Warwick, RI-MA
77350	Rochester-Dover, NH-ME (Maine portion not identified)
78100	Springfield, MA-CT (Connecticut portion not identified)
78700	Waterbury, CT
79600	Worcester, MA-CT (Connecticut portion not identified)

LIST 2: FIPS Consolidated Statistical Area (CSA) Codes

The following CSA's (Combined Statistical Areas) contain 2 or more Metropolitan Statistical Areas that are in the CPS sample and are individually identified on the public use files. Micropolitan Statistical Areas are not specifically identified in the CPS and are not used to identify CSA's nor are parts of such areas coded as belonging to CSA's. The component CBSA's identified on the CPS Public Use Files are listed for each CSA. See the component CBSA listing for any notes concerning the areas in sample and identified on the files.

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
118		Appleton-Oshkosh-Neenah, WI
	11540	Appleton, WI
	36780	Oshkosh-Neenah, WI
176		Chicago-Naperville-Michigan City, IL-IN-WI (part)
	16980	Chicago-Naperville-Joliet, IL-IN-WI
	28100	Kankakee-Bradley, IL
	33140	Michigan City-LaPorte, IN
184		Cleveland-Akron-Elyria, OH (part)
	10420	Akron, OH
	17460	Cleveland-Elyria-Mentor, OH
212		Dayton-Springfield-Greenville, OH (part)
	19380	Dayton, OH
	44220	Springfield, OH
216		Denver-Aurora-Boulder, CO
	14500	Boulder, CO
	19740	Denver-Aurora, CO
220		Detroit-Warren-Flint, MI
	11460	Ann Arbor, MI
	19820	Detroit-Warren-Livonia, MI
	22420	Flint, MI
	33780	Monroe, MI
260		Fresno-Madera, CA
	23420	Fresno, CA
	31460	Madera, CA
266		Grand Rapids-Muskegon-Holland, MI (part)
	24340	Grand Rapids-Wyoming, MI
	26100	Holland-Grand Haven, MI
	34740	Muskegon-Norton Shores, MI

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
268		Greensboro--Winston-Salem–High Point, NC (part)
	24660	Greensboro-High Point, NC
	49180	Winston-Salem, NC
272		Greenville-Anderson-Seneca, SC (part)
	11340	Anderson, SC
	24860	Greenville, SC
290		Huntsville-Decatur, AL
	19460	Decatur, AL,
	26620	Huntsville, AL
294		Indianapolis-Anderson-Columbus, IN (part)
	11300	Anderson, IN
	26900	Indianapolis, IN
304		Johnson City-Kingsport-Bristol, TN-VA (part)
	27740	Johnson City, TN
	28700	Kingsport-Bristol, TN-VA
348		Los Angeles-Long Beach-Riverside, CA
	31100	Los Angeles-Long Beach-Santa Ana, CA
	37100	Oxnard-Thousand Oaks-Ventura, CA
	40140	Riverside-San Bernardino-Ontario, CA
356		Macon-Warner Robins-Fort Valley, GA (part)
	31420	Macon, GA
	47580	Warner Robins, GA
376		Milwaukee-Racine-Waukesha, WI
	33340	Milwaukee-Waukesha-West Allis, WI
	39540	Racine, WI
378		Minneapolis-St. Paul-Bloomington, MN-WI (part)
	33460	Minneapolis-St. Paul-Bloomington, MN
	41060	St. Cloud, MN
408		New York-Newark-Bridgeport, NY-NJ-CT-PA (part)
	71950	Bridgeport-Stamford-Norwalk, CT NECTA*
	28740	Kingston, NY
	75700	New Haven, CT NECTA*
	35620	New York-Newark-Edison, NY-NJ-PA
	39100	Poughkeepsie-Newburgh-Middletown, NY
	45940	Trenton-Ewing, NJ
428		Philadelphia-Camden-Vineland, PA-NJ-DE-MD (part)
	37980	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD
	47220	Vineland-Millville-Bridgeton, NJ

CSA Code	CBSA Code	CSA Title / Component Parts (CBSA's)
450		Raleigh-Durham-Cary, NC (part)
	20500	Durham, NC
	39580	Raleigh-Cary, NC
472		Sacramento-Arden-Arcade-Truckee, CA-NV (part)
	40900	Sacramento-Arden-Arcade-Roseville, CA
482		Salt Lake City-Ogden-Clearfield, UT (part)
	36260	Ogden-Clearfield, UT
	41620	Salt Lake City, UT
488		San Jose-San Francisco-Oakland, CA
	34900	Napa, CA
	41860	San Francisco-Oakland-Fremont, CA
	41949	San Jose-Sunnyvale-Santa Clara, CA
	42100	Santa Cruz-Watsonville, CA
	42220	Santa Rosa-Petaluma, CA
	46700	Vallejo-Fairfield, CA
500		Seattle-Tacoma-Olympia, WA part
	14740	Bremerton-Silverdale, WA
	36500	Olympia, WA
	42660	Seattle-Tacoma-Bellevue, WA
548		Washington-Baltimore-Northern Virginia, DC-MD-VA-WV (part)
	12580	Baltimore-Towson, MD
	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
715		Boston-Worcester-Manchester, MA-NH-CT-ME (part) (The Manchester, NH and Portsmouth, NH-ME NECTA's are not individually identified on the files, but these records are coded as being in the Combined New England City and Town Areas {CNECTA}. The Connecticut and Maine portions of this CNECTA are not identified.)
	71650	Boston-Cambridge-Quincy, MA-NH NECTA
	74500	Leominster-Fitchburg-Gardner, MA NECTA
	79600	Worcester, MA-CT NECTA
720		Bridgeport-New Haven-Stamford, CT
	71950	Bridgeport-Stamford-Norwalk, CT NECTA*
	72850	Danbury, CT NECTA
	75700	New Haven, CT NECTA*
	78700	Waterbury, CT NECTA

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

List 3: Individual Principal Cities

Please Note: You must use the CBSA code in combination with the city code to uniquely identify principal cities. If a county name is provided, you must incorporate the county code into any algorithm used to tabulate a specific city's characteristics. The same applies to state codes for multi-state CBSA's.

CBSA Code	Title City	GTINDVPC
38060	Phoenix-Mesa-Scottsdale, AZ	
	Phoenix	1
	Mesa	2
	Scottsdale	3
	Tempe	4
31100	Los Angeles-Long Beach-Santa Ana, CA	
	Los Angeles County	
	Los Angeles	1
	Long Beach	2
	Glendale	3
	Pomona	4
	Torrance	5
	Pasadena	6
	Burbank	7
	Orange County	
	Santa Ana	1
	Anaheim	2
	Irvine	3
	Orange	4
	Fullerton	5
	Costa Mesa	6
37100	Oxnard-Thousand Oaks-Ventura, CA	
	Oxnard	1
	Thousand Oaks	2
40140	Riverside-San Bernardino-Ontario, CA	
	Riverside	1
	San Bernardino	2
	Ontario	3
40900	Sacramento–Arden-Arcade–Roseville, CA	
	Sacramento	1
41740	San Diego-Carlsbad-San Marcos, CA	
	San Diego	1

CBSA Code	Title / City	GTINDVPC
41860	San Francisco-Oakland-Fremont, CA	
	San Francisco County	
	San Francisco	1
	Alameda County	
	Oakland	1
	Fremont	2
	Hayward	3
	Berkeley	4
41940	San Jose-Sunnyvale-Santa Clara, CA	
	San Jose	1
	Sunnyvale	2
	Santa Clara	3
71950	Bridgeport-Stamford-Norwalk, CT	
	Bridgeport	1
	Stamford	2
73450	Hartford-West Hartford-East Hartford, CT	
	Hartford	1
19740	Denver-Aurora, CO	
	Denver	1
33100	Miami-Fort Lauderdale-Miami Beach, FL	
	Broward County	
	Fort Lauderdale	1
	Miami-Dade County	
	Miami	1
45300	Tampa-St. Petersburg-Clearwater, FL	
	Pinellas County	
	St. Petersburg	1
12060	Atlanta-Sandy Springs-Marietta, GA	
	Atlanta	1
16980	Chicago-Naperville-Joliet, IL-IN-WI	
	Chicago	1
	Naperville	2
	Joliet	3
28140	Kansas City, MO-KS	
	Kansas portion	
	Kansas City	1
	Overland Park	2
35380	New Orleans-Metairie-Kenner, LA	
	New Orleans	1

CBSA Code	Title City	GTINDVPC
71650	Boston-Cambridge-Quincy, MA-NH	
	Massachusetts portion	
	Boston	1
	Cambridge	2
19820	Detroit-Warren-Livonia, MI	
	Wayne County	
	Detroit	1
	Livonia	2
	Macomb County	
	Warren	1
33460	Minneapolis-St., Paul-Bloomington, MN-WI	
	Minneapolis	1
29820	Las Vegas-Paradise, NV	
	Las Vegas	1
	Paradise	2
35620	New York-Northern New Jersey-Long Island, NY-NJ-PA	
	New Jersey portion	
	Newark	1
15380	Buffalo-Niagara Falls, NY	
	Buffalo	1
16740	Charlotte-Gastonia-Concord, NC-SC	
	Charlotte	1
77200	Providence-Fall River-Warwick, RI-MA	
	Rhode Island portion	
	Providence	1
19100	Dallas-Fort Worth-Arlington, TX	
	Dallas	1
	Fort Worth	2
	Carrollton	3
	Plano	4
	Irving	5
	Arlington	6
26420	Houston-Baytown-Sugar Land, TX	
	Houston	1
32580	McAllen-Edinburg-Pharr, TX	
	McAllen	1

CBSA Code	Title City	GTINDVPC
47260	Virginia Beach-Norfolk-Newport News, VA-NC	
	Virginia portion	
	Virginia Beach	1
	Norfolk	2
	Newport News	3
	Hampton	4
	Portsmouth	5
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV	
	Virginia portion only	
	Arlington	1
	Alexandria	2
42660	Seattle-Tacoma-Bellevue, WA	
	Seattle	1
	Tacoma	2
	Bellevue	3
33340	Milwaukee-Waukesha-West Allis, WI	
	Milwaukee	1

List 4: FIPS County Codes

Please note that these county codes must be used in conjunction with state codes to create unique county identifiers as county codes start with 001 in each state.

FIPS County Code	County Name	State
		Alabama
003	Baldwin*	
015	Calhoun	
073	Jefferson	
097	Mobile	
117	Shelby	
		Arizona
003	Cochise*	
013	Maricopa	
015	Mohave*	
019	Pima	
021	Pinal	
025	Yavapai	
		Arkansas
119	Pulaski	
		California
001	Alameda	
007	Butte	
017	El Dorado	
019	Fresno	
025	Imperial	
029	Kern	
037	Los Angeles	
039	Madera	
047	Merced	
053	Monterey	
055	Napa	
059	Orange	
061	Placer	
067	Sacramento	
071	San Bernardino	
073	San Diego	
075	San Francisco	
077	San Joaquin	

FIPS County Code	County Name	State
079	San Luis Obispo	
081	San Mateo	
083	Santa Barbara	
087	Santa Cruz	
095	Solano	
097	Sonoma	
099	Stanislaus	
107	Tulare	
111	Ventura	
113	Yolo	

Colorado

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

Delaware

001	Kent	
003	New Castle	
005	Sussex*	

District of Columbia

001	District of Columbia	

Florida

001	Alachua	
005	Bay	
009	Brevard	
011	Broward	
015	Charlotte	
019	Clay	
021	Collier	
053	Hernando	
057	Hillsborough	
061	Indian River	
069	Lake	
071	Lee	
083	Marion	
086	Miami-Dade	
091	Okaloosa	
095	Orange	

County
Name   State

FIPS County Code	County Name	State
097	Osceola	
099	Palm Beach	
101	Pasco	
103	Pinellas	
105	Polk	
109	St. Johns	
117	Seminole	
127	Volusia	

Georgia

FIPS County Code	County Name	State
057	Cherokee	
063	Clayton	
135	Gwinnett	
151	Henry	
153	Houston	

Hawaii

FIPS County Code	County Name	State
001	Hawaii*	
003	Honolulu	

Idaho

FIPS County Code	County Name	State
055	Kootenai	

Illinois

FIPS County Code	County Name	State
091	Kankakee	
099	LaSalle	
111	McHenry	
113	McLean	
115	Macon	
119	Madison	
163	St. Clair	
179	Tazewell	

Indiana

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

FIPS County Code	County Name	State

Iowa

103	Johnson	
113	Linn	
153	Polk	
163	Scott	

Kansas

045	Douglas	
173	Sedgwick	

Kentucky

067	Fayette	
111	Jefferson	
117	Kenton	

Louisiana

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

Maine

011	Kennebec	

Maryland

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

FIPS County Code	County Name	State

Michigan

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

Minnesota

003	Anoka	
037	Dakota	
123	Ramsey	
137	St. Louis	
163	Washington	

Missouri

019	Boone	
099	Jefferson	
189	St. Louis	

Montana

111	Yellowstone	

Nebraska

153	Sarpy	

Nevada

003	Clark	

FIPS County Code	County Name	State

New Jersey

001	Atlantic	
003	Bergen	
005	Burlington	
007	Camden	
011	Cumberland	
013	Essex	
017	Hudson	
019	Hunterdon	
021	Mercer	
025	Monmouth	
027	Morris	
029	Ocean	
035	Somerset	
037	Sussex	
041	Warren	

New Mexico

001	Bernalillo	
013	Dona Ana	
045	San Juan	
049	Santa Fe	

New York

005	Bronx	
013	Chautauqua*	
027	Dutchess	
047	Kings	
055	Monroe	
059	Nassau	
061	New York	
067	Onondaga	
069	Ontario	
071	Orange	
081	Queens	
085	Richmond	
103	Suffolk	
111	Ulster	
119	Westchester	

FIPS County Code	County Name	State

North Carolina

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

North Dakota

017	Cass	

Ohio

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

Oklahoma

031	Comanche	

Oregon

017	Deschutes	
029	Jackson	
039	Lane	
043	Linn*	

FIPS
County   County
Code   Name   State

Pennsylvania

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

South Carolina

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

Tennessee

093	Knox
165	Sumner
187	Williamson

FIPS County Code	County Name	State

Texas

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

Utah

049	Utah	

Virginia

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

Washington

033	King	
035	Kitsap	
063	Spokane	
067	Thurston	
073	Whatcom	
077	Yakima	

FIPS
County   County
Code   Name   State

Wisconsin

FIPS County Code	County Name	State
063	La Crosse	
073	Marathon	
101	Racine	
105	Rock	
139	Winnebago	

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

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

ATTACHMENT 12

Topcoding of Usual Hourly Earnings

This variable will be topcoded based on an individual's usual hours worked variable, if the individual's edited usual weekly earnings variable is $999. The topcode is computed such that the product of usual hours times usual hourly wage does not exceed an annualized wage of $150,000 ($2,885.00 per week). Below is a list of the appropriate topcode.

Hours	Topcode	Hours	Topcode	Hours	Topcode
1	None	34	$84.85	67	$43.06
2	None	35	$82.43	68	$42.43
3	None	36	$80.14	69	$41.81
4	None	37	$77.97	70	$41.21
5	None	38	$75.92	71	$40.63
6	None	39	$73.97	72	$40.07
7	None	40	$72.13	73	$39.52
8	None	41	$70.37	74	$38.99
9	None	42	$68.69	75	$38.47
10	None	43	$67.09	76	$37.96
11	None	44	$65.57	77	$37.47
12	None	45	$64.11	78	$36.99
13	None	46	$62.72	79	$36.52
14	None	47	$61.38	80	$36.06
15	None	48	$60.10	81	$35.62
16	None	49	$58.88	82	$35.18
17	None	50	$57.70	83	$34.76
18	None	51	$56.57	84	$34.35
19	None	52	$55.48	85	$33.94
20	None	53	$54.43	86	$33.55
21	None	54	$53.43	87	$33.16
22	None	55	$52.45	88	$32.78
23	None	56	$51.52	89	$32.42
24	None	57	$50.61	90	$32.06
25	None	58	$49.74	91	$31.70
26	None	59	$48.90	92	$31.36
27	None	60	$48.08	93	$31.02
28	None	61	$47.30	94	$30.69
29	$99.48	62	$46.53	95	$30.37
30	$96.17	63	$45.79	96	$30.05
31	$93.06	64	$45.08	97	$29.74
32	$90.16	65	$44.38	98	$29.44
33	$87.42	66	$43.71	99	$29.14

ATTACHMENT 13

Current Population Survey

Selected Unweighted Tallies from the January 2011
Tobacco Use Supplements

For more information on the January 2011 Tobacco Use Supplement to the Current Population Survey (TUS-CPS) see TUS-CPS series web site: http://riskfactor.cancer.gov/studies/tus-cps/.

Item	Value	Tallies
PEA1	-9	0
	-3	76
	-2	331
	-1	18627
	1	28387
	2	53942
PEA3	-9	94
	-3	89
	-2	35
	-1	72976
	1	10029
	2	2561
	3	15579
PEB2	-9	20
	-3	67
	-2	29
	-1	93709
	1	2072
	2	5272
	3	194
PEB7C	-9	65
	-3	101
	-2	62
	-1	93709
	1	4905
	2	1905
	3	434
	4	172
	5	10

Item	Value	Tallies
PEC2	-9	5
	-3	20
	-2	6
	-1	99350
	1	586
	2	1288
	3	108
PEC7A	-9	17
	-3	25
	-2	12
	-1	99350
	1	1051
	2	908
PEDA	-9	14
	-3	27
	-2	6
	-1	100499
	1	411
	2	406
PED1R	-9	91
	-3	151
	-2	47
	-1	92560
	1	3248
	2	5266
PED8R	-9	95
	-3	153
	-2	42
	-1	96225
	1	1619
	2	3229
PEE1B1	-9	13
	-3	20
	-2	11
	-1	97287
	1	170
	2	3862

Item	Value	Tallies
PEF1A	-9	133
	-3	221
	-2	66
	-1	91696
	1	6117
	2	3130
PEG1	-9	139
	-3	210
	-2	289
	-1	91696
	1	3880
	2	5149
PEH2	-9	20
	-3	47
	-2	24
	-1	88665
	1	10141
	2	2466
PEH6	-9	2
	-3	7
	-2	6
	-1	100115
	1	664
	2	293
	3	276
PEH6CI	-9	4
	-3	12
	-2	7
	-1	100396
	1	245
	2	660
	3	39
PEH6C2	-9	2
	-3	7
	-2	5
	-1	100001
	1	330
	2	941
	3	77

Item	Value	Tallies
PEJ1A1	-9	374
	-3	486
	-2	571
	-1	18627
	1	11932
	2	69373
PEJ2A1	-9	3
	-3	26
	-2	9
	-1	89431
	1	277
	2	1300
	3	10317
PEJ1A2	-9	383
	-3	487
	-2	502
	-1	18627
	1	4492
	2	76872
PEJ2A2	-9	1
	-3	11
	-2	5
	-1	96871
	1	64
	2	195
	3	4216
PEJ1A3	-9	386
	-3	493
	-2	501
	-1	18627
	1	1742
	2	79614
PEJ2A3	-9	0
	-3	4
	-2	3
	-1	99621
	1	5
	2	178
	3	1552

Item	Value	Tallies
PEJ1A4	-9	394
	-3	502
	-2	481
	-1	18627
	1	5476
	2	75883
PEJ2A4	-9	1
	-3	4
	-2	9
	-1	95887
	1	856
	2	566
	3	4040
PEJ4	-9	4
	-3	11
	-2	5
	-1	100498
	1	216
	2	629
PEJJ1	-9	197
	-3	225
	-2	47
	-1	87135
	1	247
	2	13512
PEK2A	-9	13
	-3	31
	-2	96
	-1	74753
	1	24929
	2	1541
PEK4	-9	503
	-3	540
	-2	227
	-1	40749
	1	49615
	2	5067
	3	4662

Item	Value	Tallies
INTRVIEW	1	82736
	2	18627
	-1	50,765

ATTACHMENT 14

COUNTRIES AND AREAS OF THE WORLD

Current Population Survey

Code	Name	Code	Name
057	United States	163	Russia
066	Guam	164	Ukraine
073	Puerto Rico	165	USSR
078	U. S. Virgin Islands	166	Europe, not specified
096	Other U. S. Island Areas	167	Kosovo
100	Albania	200	Afghanistan
102	Austria	202	Bangladesh
103	Belgium	205	Myanmar (Burma)
104	Bulgaria	206	Cambodia
105	Czechoslovakia	207	China
106	Denmark	208	Cyprus
108	Finland	209	Hong Kong
109	France	210	India
110	Germany	211	Indonesia
116	Greece	212	Iran
117	Hungary	213	Iraq
119	Ireland	214	Israel
120	Italy	215	Japan
126	Netherlands	216	Jordan
127	Norway	217	Korea
128	Poland	220	South Korea
129	Portugal	222	Kuwait
130	Azores	223	Laos
132	Romania	224	Lebanon
134	Spain	226	Malaysia
136	Sweden	229	Nepal
137	Switzerland	231	Pakistan
138	United Kingdom	233	Philippines
139	England	235	Saudi Arabia
140	Scotland	236	Singapore
141	Wales	238	Sri Lanka
142	Northern Ireland	239	Syria
147	Yugoslavia	240	Taiwan
148	Czech Republic	242	Thailand
149	Slovakia	243	Turkey
150	Bosnia & Herzegovina	246	Uzbekistan
151	Croatia	247	Vietnam
152	Macedonia	248	Yemen
154	Serbia	249	Asia, not specified
156	Latvia	300	Bermuda
157	Lithuania	301	Canada
158	Armenia	303	Mexico
159	Azerbaijan	310	Belize
160	Belarus	311	Costa Rica
161	Georgia	312	El Salvador
162	Moldova	313	Guatemala

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

ATTACHMENT 15

ALLOCATION FLAGS

Current Population Survey

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

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

ATTACHMENT 16

Source of the Data and Accuracy of the Estimates for the
August 2010 CPS Microdata File on Tobacco Use

SOURCE OF THE DATA

The data in this microdata file are from the January 2011 Current Population Survey (CPS). The U.S. Census Bureau conducts the CPS every month, although this file has only January data. The January survey uses two sets of questions, the basic CPS and a set of supplemental questions. The CPS, sponsored jointly by the Census Bureau and the U.S. Bureau of Labor Statistics, is the country's primary source of labor force statistics for the entire population. The National Cancer Institute (NCI), an Institute within the National Institutes of Health (NIH) within the Department of Health and Human Services (DHHS), has sponsored the supplemental questions for the Tobacco Use Supplement (TUS) since 1992 including the most recent 2010-2011 series. The Centers for Disease Control and Prevention (CDC), also in the DHHS, has co-sponsored with NCI the survey waves 2001-2007.

Basic CPS. The monthly CPS collects primarily labor force data about the civilian noninstitutionalized population living in the United States. The institutionalized population, which is excluded from the population universe, is composed primarily of the population in correctional institutions and nursing homes (91 percent of the 4.1 million institutionalized people in Census 2000). Interviewers ask questions concerning labor force participation about each member 15 years old and over in sample households. Typically, the week containing the nineteenth of the month is the interview week. The week containing the twelfth is the reference week (i.e., the week about which the labor force questions are asked).

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

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

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

[2]   The PSUs correspond to substate areas (i.e., counties or groups of counties) that are geographically contiguous.

In the first stage of the sampling process, PSUs are selected for sample. The United States is divided into 2,025 PSUs. The PSUs were redefined for this design to correspond to the Office of Management and Budget definitions of Core-Based Statistical Area definitions and to improve efficiency in field operations. These PSUs are grouped into 824 strata. Within each stratum, a single PSU is chosen for the sample, with its probability of selection proportional to its population as of the most recent decennial census. This PSU represents the entire stratum from which it was selected. In the case of strata consisting of only one PSU, the PSU is chosen with certainty.

Approximately 72,000 housing units were selected for sample from the sampling frame in January. Based on eligibility criteria, 11 percent of these housing units were sent directly to computer-assisted telephone interviewing (CATI). The remaining units were assigned to interviewers for computer-assisted personal interviewing (CAPI).[3] Of all housing units in sample, about 59,000 were determined to be eligible for interview. Interviewers obtained interviews at about 54,000 of these units. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason.

January 2011 Supplement. In January 2011, in addition to the basic CPS questions, interviewers asked supplementary questions on tobacco use of the civilian noninstitutionalized population 18 years and older. The TUS is a large, nationally representative survey, which enables it to produce national, state, and some substate estimates, especially when 3 months of a TUS series are combined. The TUS collected information from about 83,000 respondents in January 2011. For some measures of use, approximately 27 percent of responses in January 2011 are proxy responses, with the rest of the data collected through self-response. On average, over the 1992-2011 survey period, approximately 69 percent (68 percent for self-only) of supplement respondents have been interviewed by telephone and 31 percent (32 percent for self-only) by personal interview. In January 2011, approximately 67 percent (66 percent for self-only) of all supplement respondents were interviewed by telephone and 33 percent (34 percent for self-only) by personal interview. See reference [4] for more information.

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

The population controls for the nation are distributed by demographic characteristics in two ways:

- Age, sex, and race (White alone, Black alone, and all other groups combined).
- Age, sex, and Hispanic origin.

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

The population controls for the states are distributed by race (Black alone and all other race groups combined), age (0-15, 16-44, and 45 and over), and sex.

The independent estimates by age, sex, race, and Hispanic origin, and for states by selected age groups and broad race categories, are developed using the basic demographic accounting formula whereby the population from the latest decennial data is updated using data on the components of population change (births, deaths, and net international migration) with net internal migration as an additional component in the state population estimates.

The net international migration component of the population estimates includes:

- Net international migration of the foreign born;
- Net migration between the United States and Puerto Rico;
- Net migration of natives to and from the United States; and
- Net movement of the Armed Forces population to and from the United States.

Because the latest available information on these components lags the survey date, it is necessary to make short-term projections of these components to develop the estimate for the survey date.

Tobacco Use Supplement Estimation Procedure. In addition to the CPS estimation procedure, the TUS uses a supplement noninterview adjustment and a supplement self-response adjustment. The supplement noninterview adjustment accounts for occupied sample households that responded to and completed the CPS, but not the supplement questionnaire. The self-response adjustment accounts for the elimination of interviews that were completed by proxy.

NOTE: The CPS household weight (HWHHWGT) adjusts for household nonresponse. Additional calculations are needed to create a supplement household weight. There are two sets of supplement weights on this microdata file. The nonresponse weight (PWNRWGT) includes only the noninterview adjustment. The self-response weight (PWSRWGT) includes both the noninterview adjustment and the self-response adjustment.

ACCURACY OF THE ESTIMATES

A sample survey estimate has two types of error: sampling and nonsampling. The accuracy of an estimate depends on both types of error. The nature of the sampling error is known given the survey design; the full extent of the nonsampling error is unknown.

Sampling Error. Since the CPS estimates come from a sample, they may differ from figures from an enumeration of the entire population using the same questionnaires, instructions, and enumerators. For a given estimator, the difference between an estimate based on a sample and the estimate that would result if the sample were to include the entire population is known as sampling error. Standard errors, as calculated by methods described in "Standard Errors and Their Use," are primarily measures of the magnitude of sampling error. However, they may include some nonsampling error.

Nonsampling Error. For a given estimator, the difference between the estimate that would result if the sample were to include the entire population and the true population value being estimated is known as nonsampling error. There are several sources of nonsampling error that may occur during the development or execution of the survey. It can occur because of circumstances created by the interviewer, the respondent, the survey instrument, or the way the data are collected and processed. For example, errors could occur because:

- The interviewer records the wrong answer, the respondent provides incorrect information, the respondent estimates the requested information, or an unclear survey question is misunderstood by the respondent (measurement error).
- Some individuals who should have been included in the survey frame were missed (coverage error).
- Responses are not collected from all those in the sample or the respondent is unwilling to provide information (nonresponse error).
- Values are estimated imprecisely for missing data (imputation error).
- Forms may be lost, data may be incorrectly keyed, coded, or recoded, etc. (processing error).

To minimize these errors, the Census Bureau applies quality control procedures during all stages of the production process including the design of the survey, the wording of questions, the review of the work of interviewers and coders, and the statistical review of reports.

Two types of nonsampling error that can be examined to a limited extent are nonresponse and undercoverage.

Nonresponse. The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the nonresponse rate. For the January 2011 basic CPS, the household-level nonresponse rate was 8.6 percent. The person-level nonresponse rates for the Tobacco Use supplement were 18.4 percent for the total (self and proxy responses) and 40.2 for self-response only.

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

Sufficient Partial Interview. A sufficient partial interview is an incomplete interview in which the household or person answered enough of the questionnaire for the supplement sponsor to consider the interview complete. The remaining supplement questions may have been edited or imputed to fill in missing values. Insufficient partial interviews are considered to be nonrespondents. Refer to the supplement overview attachment in the technical documentation for

the specific questions deemed critical by the sponsor as necessary to be answered in order to be considered a sufficient partial interview.

Coverage. The concept of coverage in the survey sampling process is the extent to which the total population that could be selected for sample "covers" the survey's target population. Missed housing units and missed people within sample households create undercoverage in the CPS. Overall CPS undercoverage for January 2011 is estimated to be about 13 percent. CPS coverage varies with age, sex, and race. Generally, coverage is larger for females than for males and larger for non-Blacks than for Blacks. This differential coverage is a general problem for most household-based surveys.

The CPS weighting procedure partially corrects for bias from undercoverage, but biases may still be present when people who are missed by the survey differ from those interviewed in ways other than age, race, sex, Hispanic origin, and state of residence. How this weighting procedure affects other variables in the survey is not precisely known. All of these considerations affect comparisons across different surveys or data sources.

A common measure of survey coverage is the coverage ratio, calculated as the estimated population before poststratification divided by the independent population control. Table 1 shows January 2011 CPS coverage ratios by age and sex for certain race and Hispanic groups. The CPS coverage ratios can exhibit some variability from month to month.

Table 1. CPS Coverage Ratios: January 2011												
		Total		**White only**		**Black only**		**Residual race**		**Hispanic**		
Age group	All people	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
0-15	0.86	0.86	0.85	0.87	0.86	0.80	0.79	0.87	0.89	0.88	0.83	
16-19	0.87	0.86	0.88	0.85	0.88	0.85	0.83	0.95	1.01	0.80	1.03	
20-24	0.77	0.74	0.79	0.74	0.79	0.72	0.80	0.80	0.78	0.75	0.89	
25-34	0.82	0.78	0.86	0.80	0.86	0.63	0.79	0.81	0.89	0.75	0.92	
35-44	0.89	0.86	0.92	0.87	0.92	0.75	0.86	0.89	0.95	0.81	1.00	
45-54	0.89	0.89	0.90	0.90	0.91	0.82	0.84	0.92	0.88	0.87	0.93	
55-64	0.93	0.94	0.92	0.94	0.92	0.93	0.90	0.90	0.94	0.87	0.88	
65+	0.93	0.93	0.93	0.93	0.93	0.90	0.96	0.91	0.86	0.88	0.86	
15+	0.88	0.86	0.89	0.87	0.90	0.79	0.85	0.88	0.90	0.81	0.93	
0+	0.87	0.86	0.89	0.87	0.89	0.79	0.84	0.88	0.90	0.83	0.90	

Notes: (1) The Residual race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.
   (2) Hispanics may be any race. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

Comparability of Data. Data obtained from the CPS and other sources are not entirely comparable. This results from differences in interviewer training and experience and in differing survey processes. This is an example of nonsampling variability not reflected in the standard errors. Therefore, caution should be used when comparing results from different sources.

Data users should be careful when comparing the data from this microdata file, which reflects Census 2000-based controls, with microdata files from March 1994 through December 2002, which reflect 1990 census-based controls. Ideally, the same population controls should be used when comparing any estimates. In reality, the use of the same population controls is not practical when comparing trend data over a period of 10 to 20 years. Thus, when it is necessary to combine or compare data based on different controls or different designs, data users should be aware that changes in weighting controls or weighting procedures can create small differences between estimates. See the discussion following for information on comparing estimates derived from different controls or different sample designs.

Microdata files from previous years reflect the latest available census-based controls. Although the most recent change in population controls had relatively little impact on summary measures such as averages, medians, and percentage distributions, it did have a significant impact on levels. For example, use of Census 2000-based controls results in about a 1 percent increase from the 1990 census-based controls in the civilian noninstitutionalized population and in the number of families and households. Thus, estimates of levels for data collected in 2003 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain population subgroups than for the total population.

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

Users should also exercise caution because of changes caused by the phase-in of the Census 2000 files (see "Basic CPS"). During this time period, CPS data were collected from sample designs based on different censuses. Three features of the new CPS design have the potential of affecting published estimates: (1) the temporary disruption of the rotation pattern from August 2004 through June 2005 for a comparatively small portion of the sample, (2) the change in sample areas, and (3) the introduction of the new Core-Based Statistical Areas (formerly called metropolitan areas). Most of the known effect on estimates during and after the sample redesign will be the result of changing from 1990 to 2000 geographic definitions. Research has shown that the national-level estimates of the metropolitan and nonmetropolitan populations should not change appreciably because of the new sample design. However, users should still exercise caution when comparing metropolitan and nonmetropolitan estimates across years with a design change, especially at the state level.

Caution should also be used when comparing Hispanic estimates over time. No independent population control totals for people of Hispanic origin were used before 1985.

A Nonsampling Error Warning. Since the full extent of the nonsampling error is unknown, one should be particularly careful when interpreting results based on small differences between estimates. The Census Bureau recommends that data users incorporate information about

nonsampling errors into their analyses, as nonsampling error could impact the conclusions drawn from the results. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures (such as medians and percentage distributions) probably do not reveal useful information when computed on a subpopulation smaller than 75,000.

For additional information on nonsampling error including the possible impact on CPS data when known, refer to references [2] and [5].

Standard Errors and Their Use. The sample estimate and its standard error enable one to construct a confidence interval. A confidence interval is a range about a given estimate that has a specified probability of containing the average result of all possible samples. For example, if all possible samples were surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the average result of all possible samples.

A particular confidence interval may or may not contain the average estimate derived from all possible samples, but one can say with specified confidence that the interval includes the average estimate calculated from all possible samples.

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this would be comparing the percentage of men who were part-time workers to the percentage of women who were part-time workers.

Tests may be performed at various levels of significance. A significance level is the probability of concluding that the characteristics are different when, in fact, they are the same. For example, to conclude that two characteristics are different at the 0.10 level of significance, the absolute value of the estimated difference between characteristics must be greater than or equal to 1.645 times the standard error of the difference.

The Census Bureau uses 90-percent confidence intervals and 0.10 levels of significance to determine statistical validity. Consult standard statistical textbooks for alternative criteria.

Estimating Standard Errors. The Census Bureau uses replication methods to estimate the standard errors of CPS estimates. These methods primarily measure the magnitude of sampling error. However, they do measure some effects of nonsampling error as well. They do not measure systematic biases in the data associated with nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

Generalized Variance Parameters. While it is possible to compute and present an estimate of the standard error based on the survey data for each estimate in a report, there are a number of reasons why this is not done. A presentation of the individual standard errors would be of

limited use, since one could not possibly predict all of the combinations of results that may be of interest to data users. Additionally, data users have access to CPS microdata files, and it is impossible to compute in advance the standard error for every estimate one might obtain from those data sets. Moreover, variance estimates are based on sample data and have variances of their own. Therefore, some methods of stabilizing these estimates of variance, for example, by generalizing or averaging over time, may be used to improve their reliability.

Experience has shown that certain groups of estimates have similar relationships between their variances and expected values. Modeling or generalizing may provide more stable variance estimates by taking advantage of these similarities. The 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 generalized variance parameters for TUS nonresponse data and TUS self-response data. Tables 6 and 7 provide factors and population controls to derive U.S. state and regional parameters.

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 (9). This formula is based on the distribution of the number of people using different amounts of tobacco products.

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

The basic CPS questionnaire records the race and ethnicity of each respondent. With respect to race, a respondent can be White, Black, Asian, American Indian and Alaskan Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI), or combinations of two or more of the preceding. A respondent's ethnicity can be Hispanic or non-Hispanic, regardless of race.

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

Total population	Total or White
White alone, White AOIC, or White non-Hispanic population	Total or White
Black alone, Black AOIC, or Black non-Hispanic population	Black
Asian alone, Asian AOIC, or Asian non-Hispanic population	Asian, AIAN, NHOPI
AIAN alone, AIAN AOIC, or AIAN non-Hispanic population	
NHOPI alone, NHOPI AOIC, or NHOPI non-Hispanic population	
Populations from other race groups	Asian, AIAN, NHOPI
Hispanic population	Hispanic
Two or more races – employment/unemployment and educational attainment characteristics	Black
Two or more races – all other characteristics	Asian, AIAN, NHOPI

Notes: (1) AIAN is American Indian and Alaska Native and NHOPI is Native Hawaiian and Other Pacific Islander.
(2) AOIC is an abbreviation for alone or in combination. The AOIC population for a race group of interest includes people reporting only the race group of interest (alone) and people reporting multiple race categories including the race group of interest (in combination).
(3) Hispanics may be any race.
(4) Two or more races refers to the group of cases self-classified as having two or more races.

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

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

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

Illustration 1
Suppose there were 8,536,000 unemployed men ages 18 and up in the civilian labor force in January 2011. Use the appropriate parameters from Table 3 and Formula (1) to get

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Illustration 1	
Number of unemployed males in the civilian labor force (x)	8,536,000
a parameter (a)	-0.000032
b parameter (b)	2,971
Standard error	152,000
90-percent confidence interval	8,286,000 to 8,786,000

The standard error is calculated as

$$s_x = \sqrt{-0.000032 \times 8{,}536{,}000^2 + 2{,}971 \times 8{,}536{,}000} = 152{,}000$$

The 90-percent confidence interval is calculated as $8{,}536{,}000 \pm 1.645 \times 152{,}000$.

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the percentage and its base. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the parameter from Table 3, 4, or 5 as indicated by the numerator.

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

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

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

Illustration 2
Suppose there were 79,972,000[4] people aged 45 to 64 in January 2011, of which 13.8 percent were every-day smokers. Use the appropriate parameter from Table 4 and Formula (2) to get

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[4] Some respondents who gave an age in the 45-64 range did not respond to question PEA3 ("do you now smoke cigarettes every day, some days, or not at all?"). As a result, using the estimate (80,510,000) from PRTAGE=45-64 as a base would result in the estimated percentage of 45-64 year olds who were every day smokers, some day smokers, and former smokers summing to less than 100 percent of 45-64 year olds. Accordingly, we have used the weights of the PRTAGE=45-64 respondents who also responded to PEA3 as the base in this estimate, even though sum of the weights of the PRTAGE=45-64 respondents is our actual estimate of the number of persons in the 45-64 age range.

Illustration 2	
Percentage of people aged 45-64 who were everyday smokers (p)	13.8
Base (y)	79,972,000
b parameter (b)	4,323
Standard error	0.25
90-percent confidence interval	13.4 to 14.2

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{4{,}323}{79{,}972{,}000} \times 13.8 \times (100.0 - 13.8)} = 0.25$$

The 90-percent confidence interval for the estimated percentage of people aged 45 to 64 who are every-day smokers is calculated as $13.8 \pm 1.645 \times 0.25$.

Illustration 3
Of all adults (ages 18 and up) in January 2011, suppose the number of former smokers was 39,876,000 and the number of ever (current and former) smokers was 74,412,000[5]. The percentage of former smokers out of ever smokers (known as the "quit ratio") would be 53.6 percent. Use the appropriate parameter from Table 4 and Formula (2) to get

Illustration 3	
Percentage of adult ever smokers who don't smoke anymore (p)	53.6
Base (y)	74,412,000
b parameter (b)	4,323
Standard error	0.38
90-percent confidence interval	53.0 to 54.2

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{4{,}323}{74{,}412{,}000} \times 53.6 \times (100 - 53.6)} = 0.38$$

and the 90-percent confidence interval is calculated as $53.6 \pm 1.645 \times 0.38$.

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[5] Some persons who responded in the affirmative to question PEA1 ("have you smoked at least 100 cigarettes in your entire life?") did not respond to question PEA3 ("do you now smoke cigarettes every day, some days, or not at all?"). As a result, using the estimate (75,011,000) from PEA1 as a base would result in the estimated percentages of every day smokers, some day smokers, and former smokers summing to less than 100 percent of the persons who had ever smoked. Accordingly, we have used the weighted responses to PEA3 as the base in this estimate, even though the estimate from PEA1 is our actual estimate of the number of ever smokers.

An alternative to using PEA3 is to use SMOKSTAT. SMOKSTAT = 2-4 represents "Ever" smokers. The base number for "Ever smokers" using SMOKSTAT is the same as the number obtained from using PEA3.

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

$$s_{x_1 - x_2} = \sqrt{s_{x_1}^2 + s_{x_2}^2}$$

(3)

where s_{x1} and s_{x2} are the standard errors of the estimates, x_1 and x_2. The estimates can be numbers, percentages, ratios, etc. This will result in accurate estimates of the standard error of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. However, if there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

Illustration 4
In January 2011, suppose that for self-respondents, of the 4,185,000[6] non-Hispanic Blacks 18 to 24 years of age, 7.0 percent were every-day smokers, and of the 17,329,000 non-Hispanic Whites 18 to 24 years of age, 15.7 percent were every-day smokers. Use the appropriate parameters from Table 5 and Formulas (2) and (3) to get

Illustration 4			
	Black (x_1)	Non-Hispanic White (x_2)	Difference
Percentage of people aged 18-24 who were every-day smokers (p)	7.0	15.7	8.7
Base (y)	4,185,000	17,329,000	-
b parameter (b)	6,080	5,745	-
Standard error	0.97	0.66	1.17
90-percent confidence interval	5.4 to 8.6	14.6 to 16.8	6.8 to 10.6

The standard error of the difference is calculated as

$$s_{x_1 - x_2} = \sqrt{0.97^2 + 0.66^2} = 1.17$$

The 90-percent confidence interval around the difference is calculated as $8.7 \pm 1.645 \times 1.17$. Since this interval does not include zero, we can conclude with 90 percent confidence that the

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[6] Some respondents who indicated that they were non-Hispanic Blacks between 18 and 24 years of age did not respond to question PEA3 ("do you now smoke cigarettes every day, some days, or not at all?"). As a result, using the estimate (4,207,000) from PEHSPNON=2 AND PTDTRACE=2 AND PRTAGE=18-24 as a base would result in the estimated percentages of every day smokers, some day smokers, and former smokers among non-Hispanic Blacks between 18 and 24 years of age summing to less than 100 percent. Accordingly, we have used the weighted responses to PEHSPNON=2 AND PTDTRACE=2 AND PRTAGE=18-24 AND PEA3=1,2,3 as the base in this estimate, even though the estimate from PEHSPNON=2 AND PTDTRACE=2 AND PRTAGE=18-24 is our actual estimate of the number of ever smokers.
An analogous statement applies to non-Hispanic Whites between 18 and 24 years of age, with 17,314,000 instead of 4,207,000 and PTDTRACE=1 instead of PTDTRACE=2.

percentage of Black every-day smokers between 18 and 24 years of age is significantly different than the percentage of non-Hispanic White every-day smokers between 18 and 24 years of age.

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

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

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 this type is the average number of children per family with children.

For another type of ratio, the population estimated by the numerator (x) is a subset of the population estimated by the denominator (y). In that case,

$$r = \frac{x \cdot s_y}{y \cdot s_x} \qquad (5)$$

For all other types of ratios, r is assumed to be zero. Examples are the average number of children per family and the family poverty rate. If r is actually positive (negative), then this procedure will provide an overestimate (underestimate) of the standard error of the ratio.

NOTE: For estimates expressed as the ratio of x per 100 y or x per 1,000 y, multiply Formula (4) by 100 or 1,000, respectively, to obtain the standard error.

Illustration 5
In January 2011, suppose the number of adults who were self-reported as every-day smokers was 27,956,000[7] and the number of adults who were self-reported as some-day smokers was 7,079,000[8]. The ratio of every-day smokers to some-day smokers would be 3.9. Use Formulas (1) and (4) and the appropriate parameters from Table 5, since the data is from self-respondents, with $r = 0$ to get

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[7] Computed in the same manner as in Illustration 8a to preserve consistency of estimates throughout this Source and Accuracy Statement. See footnote 9 to Illustration 8a.
[8] Computed in the same manner as in Illustration 8b to preserve consistency of estimates throughout this Source and Accuracy Statement. See footnote 10 to Illustration 8b.

Illustration 5			
	Every-day (x)	Some-day (y)	Ratio
Number of smokers	27,956,000	7,079,000	3.9
a parameter (a)	-0.000024	-0.000024	-
b parameter (b)	5,745	5,745	-
Standard error	377,000	199,000	0.12
90-percent confidence interval	27,336,000 to 28,576,000	6,752,000 to 7,406,000	3.7 to 4.1

The standard error of the ratio is calculated as

$$s_{x/y} = \frac{27,956,000}{7,079,000} \sqrt{\left(\frac{377,000}{27,956,000}\right)^2 + \left(\frac{199,000}{7,079,000}\right)^2} = 0.12$$

and the 90-percent confidence interval is calculated as $3.9 \pm 1.645 \times 0.12$.

Accuracy of State Estimates. The redesign of the CPS following the 1980 census provided an opportunity to increase efficiency and accuracy of state data. All strata are now defined within state boundaries. The sample is allocated among the states to produce state and national estimates with the required accuracy while keeping total sample size to a minimum. Improved accuracy of state data was achieved with about the same sample size as in the 1970 design.

Since the CPS is designed to produce both state and national estimates, the proportion of the total population sampled and the sampling rates differ among the states. In general, the smaller the population of the state the larger the sampling proportion. For example, in Vermont approximately 1 in every 250 households is sampled each month. In New York the sample is about 1 in every 2,000 households. Nevertheless, the size of the sample in New York is four times larger than in Vermont because New York has a larger population.

Standard Errors of State Estimates. The standard error for a state may be obtained by determining new state-level a and b parameters and then using these adjusted parameters in the standard error formulas mentioned previously. To determine a new state-level b parameter (b_{state}), multiply the b parameter from Table 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.

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<u>Illustration 6</u>
Suppose there were 1,655,000 adults living in Florida in January 2011 who were every-day
smokers. Use the appropriate parameters, factor, and population from Tables 4 and 6 and
Formulas (1) and (6) to get

Number of every-day smokers in Florida (x)	1,655,000
b parameter (b)	4,323
Florida state factor	1.10
State population	18,416,979
State a parameter (a_{state})	-0.000258
State b parameter (b_{state})	4,755
Standard error	85,000

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

$$ a_{state} = \frac{-4,755}{18,416,979} = -0.000258 $$

The standard error of the estimate of the number of adults in Florida who were every-day
smokers can then be found by using Formula (1) and the new state-level a and b parameters,
-0.000258 and 4,755, respectively. The standard error is given by

$$ s_x = \sqrt{(-0.000258 \times 1,655,000^2) + (4,755 \times 1,655,000)} = 85,000 $$

<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 of
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:

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

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

$$state\ group\ factor = \frac{(12{,}770{,}156 \times 1.13) + (6{,}357{,}421 \times 1.11) + (9{,}792{,}415 \times 1.13)}{12{,}770{,}156 + 6{,}357{,}421 + 9{,}792{,}415} = 1.13$$

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

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

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:

$$S^2 = \sum\limits_{i=1}^{c} p_i \overline{x}_i^2 - \overline{x}^2 \tag{10}$$

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

$$\overline{x} = \sum\limits_{i=1}^{c} p_i \overline{x}_i \tag{11}$$

and

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

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$$p_i = \text{estimated proportion of people, families, households, or unrelated individuals}$$

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

$\bar{x}_i$ = $(L_i + U_i)/2$ where L_i and U_i are the lower and upper interval boundaries, respectively, for group i. $\bar{x}_i$ is assumed to be the most representative value for the characteristic for people, families, households, or unrelated individuals in group i. If group c is open-ended, i.e., no upper interval boundary exists, use a group approximate average value of

$$\bar{x}_c = \frac{3}{2}L_c \tag{12}$$

NOTES: 1) For continuous data, i.e., income, time, etc., the upper bound of the ith interval and lower bound of the next interval are essentially the same. 2) Estimates for number of cigarettes smoked 'per some day' (as in Illustration 8b) must first be converted into estimates for number of cigarettes smoked 'per day' by multiplying by the average number of days smoked in the last 30 days, and dividing by 30 for each group i.

Illustration 8a
Suppose there were 27,956,000[9] adult every-day smokers among self-respondents in January 2011, and the distribution of the average number of cigarettes consumed per day was

Cigarettes per day	Percent of smokers	$\bar{x}_i$
1 – 10	45.6	(1+10)/2 = 5.5
11 – 20	45.5	(11+20)/2 = 15.5
21 – 30	5.5	(21+30)/2 = 25.5
31+	3.4	3/2(31) = 46.5

Using Formula (11),

$$\bar{x} = (0.456 \times 5.5) + (0.455 \times 15.5) + (0.055 \times 25.5) + (0.034 \times 46.5) = 12.54$$

and Formula (10),

$$S^2 = (0.456 \times 5.5^2) + (0.455 \times 15.5^2) + (0.055 \times 25.5^2) + (0.034 \times 46.5^2) - 12.54^2 = 75.14$$

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[9] Some persons who responded as every day smokers to question PEA3 ("Do you now smoke cigarettes every day, some days, or not at all?") did not respond to PTB1 ("On the average, about how many cigarettes do you now smoke each day?") with answers greater than zero. As a result, using the estimate (28,552,000) from PEA3 as a base would result in the estimated percentages of every day smokers who smoke 1-10, 11-20, 21-30, and 31 or more cigarettes per day summing to well under 100 percent. Accordingly, we have used the weighted self-responses of those who answered both PTB1 with answers greater than zero as the base in this estimate, even though the estimate from PEA3 is our actual estimate of the number of every day smokers.

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

Illustration 8a	
Average amount of cigarettes smoked per day for every-day smokers $(\bar{x})$	12.54
Variance (S^2)	75.14
Base (y)	27,956,000
b parameter (b)	5,745
Standard error	0.124
90-percent confidence interval	12.34 to 12.74

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{5,745}{27,956,000}(75.14)} = 0.124$$

and the 90-percent confidence interval is calculated as $12.54 \pm 1.645 \times 0.124$.

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 8b
Suppose there were 7,079,000[10] adult some-day smokers among self-respondents in January 2011, and the distribution of the average number of cigarettes consumed per some day and per every day was

Cigarettes per some day	Percent of smokers	$\bar{x}_i$	Avg # of days smoked in the last 30 days (d_i)	Cigarettes per day $(\bar{x}_i \times d_i / 30)$
1	16.6	(1+1)/2 = 1.0	9.9	1.0*9.9/30 = 0.33
2	20.4	(2+2)/2 = 2.0	12.1	2.0*12.1/30 = 0.81
3	16.7	(3+3)/2 = 3.0	13.8	3.0*13.8/30 = 1.38
4	9.6	(4+4)/2 = 4.0	14.5	4.0*14.5/30 = 1.93
5+	36.8	3/2(5) = 7.5	16.5	7.5*16.5/30 = 4.13

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[10] Some persons who responded as some-day smokers to question PEA3 ("Do you now smoke cigarettes every day, some days, or not at all?") did not respond to both PEC1 ("On how many of the past 30 days did you smoke cigarettes?") and PTC1a (On the average, on those days, how many cigarettes did you usually smoke each day?) with answers greater than zero. As a result, using the estimate (7,821,000) from PEA3 as a base would result in the estimated percentages of smokers who smoke 1, 2, 3, 4, and 5 or more cigarettes per some day summing to well under 100 percent. Accordingly, we have used the weighted self-responses of those who answered both PEC1 and PTC1a with answers greater than zero as the base in this estimate, even though the estimate from PEA3 is our actual estimate of the number of some day smokers.

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Using Formula (11),

$$\bar{x} = (0.166 \times 0.33) + (0.204 \times 0.81) + (0.167 \times 1.38) + (0.096 \times 1.93) + (0.368 \times 4.13) = 2.16$$

and Formula (10),

$$S^2 = (0.166 \times 0.33^2) + (0.204 \times 0.81^2) + (0.167 \times 1.38^2) + (0.096 \times 1.93^2) + (0.368 \times 4.13^2) - 2.16^2 = 2.44$$

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

Illustration 8b	
Average amount of cigarettes smoked per day for some-day smokers $(\bar{x})$	2.16
Variance (S^2)	2.44
Base (y)	7,079,000
b parameter (b)	5,745
Standard error	0.044
90-percent confidence interval	2.09 to 2.23

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{5,745}{7,079,000}(2.44)} = 0.044$$

and the 90-percent confidence interval is calculated as $2.16 \pm 1.645 \times 0.044$.

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

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

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

Illustration 9

Continuing with Illustration 8a, suppose that the estimate for the total number of every-day smokers was 27,956,000[11] adults and that they smoked an average of 12.54 cigarettes per day. They then would consume approximately 350,568,000 cigarettes per day. Use the appropriate parameters from Table 5, since the data is self-reported, s_y and $s_{\bar{x}}$ from Illustrations 5 and 8a, respectively, and Formula (14) to get

Illustration 9	
Average amount of cigarettes smoked per day $(\bar{x})$	12.54
Standard error $(s_{\bar{x}})$	0.124
Number of every-day smokers (y)	27,956,000
Standard error (s_y)	377,000
Number of cigarettes consumed (T)	350,568,000
Standard error (s_T)	5,862,000
90-percent confidence interval	340,925,000 to 360,211,000

The aggregate T is calculated as

$$T = 12.54 \times 27,956,000 = 350,568,000$$

and the standard error for T is calculated as

$$s_T = \sqrt{(12.54^2 \times 377,000^2) + (27,956,000^2 \times 0.124^2)} = 5,862,000$$

The 90-percent confidence interval is calculated as $350,568,000 \pm 1.645 \times 5,862,000$.

A conclusion that the average estimate derived from all possible sample lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

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

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

---

[11] See footnote 9 to Illustration 8a.

where

E = the estimated population of every-day smokers.

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

P = the estimated population of some-day smokers.

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

C_1 = the average amount an every-day smoker smokes per day.

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

C_2 = the average amount a some-day smoker smokes per day.

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

Illustration 10
Continuing with Illustrations 8 and 9, suppose there were 27,956,000[12] every-day smokers that smoked an average of 12.54 cigarettes per day. In addition, suppose that 7,079,000[13] some-day smokers smoked an average of 2.16 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	3.4
0.81	4.1
1.38	3.4
1.93	1.9
4.13	7.4
5.5	36.4
15.5	36.3
25.5	4.4
46.5	2.7

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

$$\bar{x} = (0.034 \times 0.33) + (0.041 \times 0.81) + (0.034 \times 1.38) + (0.019 \times 1.93) + (0.074 \times 4.13)$$
$$+ (0.364 \times 5.5) + (0.363 \times 15.5) + (0.044 \times 25.5) + (0.027 \times 46.5) = 10.44$$

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[12] See footnote 9 to Illustration 8a.
[13] See footnote 10 to Illustration 8b.

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

Illustration 10	
Average amount of cigarettes smoked per day ($\bar{x}$)	10.44
Estimated population of every-day smokers (E)	27,956,000
Standard error (s_E)	377,000
Estimated population of some-day smokers (P)	7,079,000
Standard error (s_P)	199,000
Average amount of cigarettes smoked per day by every-day smokers (C_1)	12.54
Standard error (s_{C_1})	0.124
Average amount of cigarettes smoked per day by some-day smokers (C_2)	2.16
Standard error (s_{C_2})	0.044
Standard error	0.112
90-percent confidence interval	10.26 to 10.62

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

$$s_{\bar{x}} = \left[\left(\frac{7,079,000(12.54 - 2.16)}{(27,956,000 + 7,079,000)^2} \right)^2 \times 377,000^2 + \left(\frac{27,956,000(12.54 - 2.16)}{(27,956,000 + 7,079,000)^2} \right)^2 \times 199,000^2 \right.$$

$$\left. + \left(\frac{27,956,000}{27,956,000 + 7,079,000} \right)^2 \times 0.124^2 + \left(\frac{7,079,000}{27,956,000 + 7,079,000} \right)^2 \times 0.044^2 \right]^{\frac{1}{2}}$$

$$= 0.112$$

The 90-percent confidence interval is calculated as $10.44 \pm 1.645 \times 0.112$.

A conclusion that the average estimate derived from all possible sample lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Standard Errors of Quarterly or Yearly Averages. For information on calculating standard errors for labor force data from the CPS which involve quarterly or yearly averages, please see the "Explanatory Notes and Estimates of Error: Household Data" section in *Employment and Earnings*, a monthly report published by the U.S. Bureau of Labor Statistics.

Technical Assistance. If you require assistance or additional information, please contact the Demographic Statistical Methods Division via e-mail at dsmd.source.and.accuracy@census.gov.

Table 3. Parameters for Computation of Standard Errors for Labor Force Characteristics: January 2011

Characteristic	a	b
Total or White		
Civilian labor force, employed	-0.000016	3,068
Not in labor force	-0.000009	1,833
Unemployed	-0.000016	3,096
Civilian labor force, employed, not in labor force, and unemployed		
Men	-0.000032	2,971
Women	-0.000031	2,782
Both sexes, 16 to 19 years	-0.000022	3,096
Black		
Civilian labor force, employed, not in labor force, and unemployed		
Total	-0.000151	3,455
Men	-0.000311	3,357
Women	-0.000252	3,062
Both sexes, 16 to 19 years	-0.001632	3,455
Hispanic, may be of any race		
Civilian labor force, employed, not in labor force, and unemployed		
Total	-0.000141	3,455
Men	-0.000253	3,357
Women	-0.000266	3,062
Both sexes, 16 to 19 years	-0.001528	3,455
Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander		
Civilian labor force, employed, not in labor force, and unemployed		
Total	-0.000346	3,198
Men	-0.000729	3,198
Women	-0.000659	3,198
Both sexes, 16 to 19 years	-0.004146	3,198

Notes: (1) These parameters are to be applied to basic CPS monthly labor force estimates.

(2) The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates.

(3) For nonmetropolitan characteristics, multiply the *a* and *b* parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the *a* and *b* parameters are zero.

(4) For foreign-born and noncitizen characteristics for Total and White, the *a* and *b* parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Hispanic, and Asian, AIAN, NHOPI parameters.

(5) For the groups self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all employment characteristics.

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	Total or White		Black		Hispanic		Asian, AIAN, NHOPI	
Characteristic	a	b	a	b	a	b	a	b
Tobacco Use: January 2011								
Both sexes	-0.000018	4,323	-0.000100	4,636	-0.000117	3,964	-0.000269	4,636
Male or female	-0.000036	4,323	-0.000201	4,636	-0.000233	3,964	-0.000538	4,636
Two Consecutive Supplement Combined Months:								
Both sexes	-0.000005	2,470	-0.000029	2,649	-0.000033	2,265	-0.000077	2,649
Male or female	-0.000010	2,470	-0.000058	2,649	-0.000067	2,265	-0.000154	2,649
Three Consecutive Supplement Combined Months:								
Both sexes	-0.000002	1,572	-0.000012	1,686	-0.000014	1,441	-0.000033	1,686
Male or female	-0.000004	1,572	-0.000024	1,686	-0.000028	1,441	-0.000066	1,686

Table 4. Parameters for Computation of Standard Errors for Tobacco Use Characteristics Using Non-response Weights: January 2011

Notes: (1) These parameters are to be applied to the January 2011 Tobacco Use Supplement data, and to combined consecutive supplement months of Tobacco Use Supplement data.
(2) AIAN is American Indian and Alaska Native and NHOPI is Native Hawaiian and Other Pacific Islander.
(3) Hispanics may be any race. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.
(4) The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates.
(5) For nonmetropolitan characteristics, multiply the *a* and *b* parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the *a* and *b* parameters are zero.
(6) For foreign-born and noncitizen characteristics for Total and White, the *a* and *b* parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters.
(7) For the group self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all characteristics except employment, unemployment, and educational attainment, in which case use Black parameters.

Table 5. Parameters for Computation of Standard Errors for Tobacco Use Characteristics Using Self-response Weights: January 2011								
	Total or White		Black		Hispanic		Asian, AIAN, NHOPI	
Characteristic	a	b	a	b	a	b	a	b
Tobacco Use: January 2011								
Both sexes	-0.000024	5,745	-0.000132	6,080	-0.000172	5,858	-0.000353	6,080
Male or female	-0.000048	5,745	-0.000263	6,080	-0.000345	5,858	-0.000705	6,080
Two Consecutive Supplement Combined Months:								
Both sexes	-0.000007	3,283	-0.000038	3,474	-0.000049	3,347	-0.000101	3,474
Male or female	-0.000014	3,283	-0.000075	3,474	-0.000099	3,347	-0.000202	3,474
Three Consecutive Supplement Combined Months:								
Both sexes	-0.000003	2,089	-0.000016	2,211	-0.000021	2,130	-0.000043	2,211
Male or female	-0.000006	2,089	-0.000032	2,211	-0.000042	2,130	-0.000043	2,211

Notes: (1) These parameters are to be applied to the January 2011 Tobacco Use Supplement data, and to combined consecutive supplement months of Tobacco Use Supplement data.

     (2) AIAN is American Indian and Alaska Native and NHOPI is Native Hawaiian and Other Pacific Islander.

     (3) Hispanics may be any race. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

     (4) The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates.

     (5) For nonmetropolitan characteristics, multiply the *a* and *b* parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the *a* and *b* parameters are zero.

     (6) For foreign-born and noncitizen characteristics for Total and White, the *a* and *b* parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters.

     (7) For the group self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all characteristics except employment, unemployment, and educational attainment, in which case use Black parameters.

Table 6. Factors and Populations for State Standard Errors and Parameters: January 2011			
State	One month factor	Two combined months factor	Three combined months factor	January 2011 Population
Alabama	1.09	1.07	1.06	4,659,056
Alaska	0.18	0.18	0.18	686,326
Arizona	1.13	1.09	1.05	6,622,074
Arkansas	0.70	0.69	0.68	2,868,543
California	1.14	1.09	1.05	36,871,645
Colorado	1.14	1.10	1.07	5,036,074
Connecticut	0.91	0.87	0.83	3,473,684
Delaware	0.23	0.22	0.21	879,032
District of Columbia	0.18	0.17	0.17	605,362
Florida	1.10	1.06	1.01	18,416,979
Georgia	1.11	1.08	1.05	9,744,666
Hawaii	0.31	0.29	0.28	1,256,378
Idaho	0.35	0.35	0.35	1,541,374
Illinois	1.13	1.09	1.06	12,770,156
Indiana	1.11	1.09	1.07	6,357,421
Iowa	0.79	0.78	0.76	2,985,469
Kansas	0.74	0.73	0.72	2,790,291
Kentucky	1.11	1.08	1.05	4,269,214
Louisiana	1.09	1.06	1.03	4,445,576
Maine	0.42	0.40	0.39	1,295,424
Maryland	1.16	1.11	1.07	5,661,943
Massachusetts	1.11	1.06	1.02	6,559,967
Michigan	1.13	1.10	1.07	9,792,415
Minnesota	1.11	1.08	1.05	5,235,930
Mississippi	0.73	0.73	0.72	2,894,061
Missouri	1.15	1.12	1.10	5,914,678
Montana	0.25	0.25	0.24	966,352
Nebraska	0.47	0.46	0.45	1,786,230
Nevada	0.65	0.63	0.60	2,626,588
New Hampshire	0.37	0.35	0.34	1,307,751
New Jersey	1.14	1.09	1.04	8,638,495
New Mexico	0.51	0.49	0.48	2,010,937
New York	1.16	1.12	1.08	19,350,494
North Carolina	1.13	1.11	1.10	9,273,020
North Dakota	0.17	0.17	0.16	640,383
Ohio	1.13	1.11	1.09	11,355,165
Oklahoma	0.94	0.92	0.89	3,650,993
Oregon	1.00	0.99	0.98	3,825,995
Pennsylvania	1.13	1.09	1.06	12,424,904
Rhode Island	0.30	0.28	0.27	1,041,908
South Carolina	1.11	1.08	1.05	4,508,184
South Dakota	0.18	0.17	0.17	806,361
Tennessee	1.12	1.09	1.06	6,257,094
Texas	1.14	1.12	1.11	24,915,506
Utah	0.54	0.53	0.53	2,826,901
Vermont	0.19	0.18	0.17	616,597
Virginia	1.12	1.08	1.06	7,762,952
Washington	1.15	1.14	1.13	6,680,130
West Virginia	0.41	0.40	0.39	1,802,587
Wisconsin	1.13	1.09	1.06	5,593,822
Wyoming	0.15	0.14	0.14	539,298

Notes: (1) The state population counts in this table are for the 0+ population for January 2011.
     (2) For foreign-born and noncitizen characteristics for Total and White, the *a* and *b* parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters.

Table 7. Factors and Populations for Regional Standard Errors and Parameters: January 2011				
Region	One month factor	Two combined months factor	Three combined months factor	January 2011 population
Midwest	1.06	1.03	1.01	54,709,224
Northeast	1.06	1.02	0.98	66,028,321
South	1.07	1.04	1.01	112,614,768
West	1.02	0.98	0.95	71,490,072

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[4]   National Cancer Institute. 2011. *Tobacco Use Supplement to the Current Population Survey* (http://riskfactor.cancer.gov/studies/tus-cps/).

[5]   Brooks, C.A. and Bailar, B.A. 1978. *Statistical Policy Working Paper 3 - An Error Profile: Employment as Measured by the Current Population Survey*. Subcommittee on Nonsampling Errors, Federal Committee on Statistical Methodology, U.S. Department of Commerce, Washington, DC. (http://www.fcsm.gov/working-papers/spp.html)

ATTACHMENT 17

USER NOTES

This section will contain information relevant to the *Current Population Survey, January 2011: Tobacco Use Supplement File* that becomes available after the file is released.