CURRENT POPULATION SURVEY, May 2015
Tobacco Use FILE

TECHNICAL DOCUMENTATION
CPS—15

This file documentation consists of the following materials:

NOTE

Questions about accompanying **documentation** should be directed to Center for New Media and Promotions Division, Promotions Branch, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-4400.

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

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

ABSTRACT

The National Cancer Institute (NCI) of the National Institutes of Health (NIH) and the U.S. Food and Drug Administration (FDA) sponsored a Tobacco Use Supplement (TUS) to the Current Population Survey (CPS) conducted by the Census Bureau for the Bureau of Labor Statistics. - Washington: Census Bureau [producer and distributor], May 2015.

Type of File:

Microdata; unit of observation is person.

Universe Description:

For May 2015 the universe is person level for all persons aged 18 and above in the civilian noninstitutional population of the United States and completed the labor force interview. The probability sample selected to represent the universe consisted of 53,756 households.

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

- Section A screened for prior cigarette usage and current usage status of everyday smoker, some days smoker or not at all.
- Section B questions were asked if they had smoked 100 cigarettes, is a self-respondent and currently smoking everyday.
- Section C questions were asked if the person had smoked 100 cigarettes, is a self-respondent and currently smoking some days.
- Section D asked self respondent current every day and some day smokers questions about quit smoking attempts of the past 12 months, and if none, asks if ever quit.
- Section E asked self respondent current every day and some-day smokers about a limited set of methods used (quit lines, internet or web-based tools, and switching to other tobacco products) during the most recent quit attempt within the past 12 months.
- Section F asked self respondent current every day and some-day smokers about Doctor advice to stop smoking.
- Section G asked self respondent current every day and some-day smokers about the person's interest, likelihood, and confidence in quitting within the next 6 months.
- Section H questions were asked of self respondent former smokers (if the person had smoked 100 cigarettes, is a self-respondent and currently not smoking at all) similar questions asked of current smokers in Sections B, C, E, and F.

- Section J asked all respondents about use of other tobacco products.
- Section K asked about smoke-free policies at work and at home, attitudes towards smoking in different places.
- The Supplement Universe was :
  (HRINTSTA = 1 AND PRPERTYP = 2
  PRTAGE greater than or equal to 18 AND
  HRMIS in 1, 2, 3, 4, 5, 6, 7, 8).

Subject-Matter Description:

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

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

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

Geographic Coverage:

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

Technical Description:

>**File Structure:** Rectangular.
>**File Size:** 151,503[1] logical person records; 1442 character logical record length. There are 100,051 total supplement eligible records for May 2015.
>**File Sort Sequence:** The file is sorted by State (GESTFIPS) by household identification number by line number.

Reference Materials:

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

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

File Availability:

>The main data file, technical documentation, and replicate weight files are all available for download at   http://thedataweb.rm.census.gov/ftp/cps_ftp.html#cpssupps

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[1] (PRPERTYP=1,2,3 AND HRINTSTA in Type A, B, C)

ATTACHMENT 2

OVERVIEW

Current Population Survey

Introduction

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

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

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

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

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

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

CPS Sample Design

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

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

Relationship of Current Population Survey Files to Publications

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

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

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

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

Geographic Limitations

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

Weights

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

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

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

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

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

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

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

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

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

Comparability of CPS From Microdata Files With Published Sources

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

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

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

Comparison of CPS Estimates from Microdata Files with Published Sources

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

ATTACHMENT 3

OVERVIEW

May 2015 Tobacco Use Supplement

General

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

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

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

For the May 2015 Tobacco Use Supplement, THE CITATION IS:

US Department of Commerce, Census Bureau 2016, National Cancer Institute and Food and Drug Administration co-sponsored Tobacco Use Supplement to the Current Population Survey May 2015.
http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/

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

*Technical Documentation only***:**
http://www.census.gov/programs-surveys/cps/technical-documentation/complete.html

*Data files and Technical Documentation Download***:**
http://thedataweb.rm.census.gov/ftp/cps_ftp.html#cpssupps.

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

Data Collection

Respondents are included in the 2014-15 TUS-CPS sample typically only once. The rotation of household in and out of sample for the TUS-CPS were generally sufficiently spaced with months between interviewing so the sample did not contain many overlapping panels and this eliminated most individuals being in the sample twice with-in the 2014-15 main data files.

The 2014-2015 Tobacco Use Supplement Items. The Supplement consisted of Items PEA1 through SINTTP. All CPS household members age 18 years and older who had completed CPS Core items were eligible for these items in May 2015.

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

> *Items for Both Proxy and Self-Respondents*
> Self-respondents were eligible for the entire supplement, whereas proxy respondents were only eligible for certain items. Occasionally, some of those persons to be interviewed by proxy, if available, were given a self interview with the shortened proxy length interview. We only collected information from proxies on topics such as smoking status (Items PEA1 – PEA3) and the use of non-cigarette tobacco products- cigars (including cigar types: large/regular cigars, cigarillos, and little filtered cigars), pipes (asked separately about regular pipes and water pipes/hookah), electronic cigarettes (e-cigarettes), smokeless tobacco (including snuff, dip, chewing tobacco, and snus), and dissolvable tobacco. (Items PEJ1a@1-5 and PEJ2a@1-5).

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

- We asked everyday, some days and former cigarette smokers and users of other non-cigarette tobacco products a set of detailed smoking history questions tailored to their status (Items PEB1 – PEB10b, PEC1 – PEC10b, PEH1NUM – PEH11d, and PEJ2b – J7b5).

- Also included were some new *special questions or modified items first asked in the 2003 special cessation TUS series* such as:
  type of cigarettes smoked - menthol cigarettes including how long, (Items PEB2, B7c2-3, PEC2, PEC7d2-3, PEH6C2-5, PEH11a-d);
  measures of addiction - "time after awakening smoked first cigarette/use other tobacco product (Items PEB5a-b, PEC5a-b, PEH8a-b, PEJ3a-g);
  more detailed questions on attempts to quit smoking (Items PEDa-D8R) or quit other forms of tobacco use (Items PEJ4-PEJ6b);
  methods used to quit (Items PEE1b-E1cZ2c, PEH6e1 - PEH6FaZ2c, PEJ7b1, PEJ7b5);
  cost of cigarettes (including identifying purchases from Indian Reservations) (PEBA6a-PEBe32, PECA6a-PEC6e32).

- Questions *first asked in the 2006-2007 TUS-CPS series* regarding amount of cigarettes smoked about 12 months ago (Items PEB9 – B10b, PEC9-C10b, and PEH6A-H6C) and asking about purchase of individual cigarettes ("loosies"- Items PEB6e1-6e32 and PEC6e1-6e32).

- In additi*on, we asked current smokers questions, suc*h as whether the medical community had advised them to quit smoking (Items PEF1a – PEF1b), or if they were planning to quit in the near future (Items PEG1 – PEG4). Similar questions (Items PEH61a-- PEH61b) on medical advice to quit smoking were asked of *former smokers*.

- Non-cigarette tobacco products use including e-cigarettes, hookah, and dissolvables (in addition to those products typically asked --cigars, pipes, and smokeless tobacco) were asked about during the July 2014, January 2015 and May 2015 cycle.

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

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

Special Administrative Items
We also collected some special questions, such as type of interview [self (full) interview, proxy interview, or self (short proxy path) interview], the language in which the interview was conducted; the survey method (telephone vs. personal-visit interviews), Computer Assisted Telephone Interviewing (CATI) vs. Computer Assisted Personal Interviewing (CAPI), and the date of the interview.

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

Data Processing
The data processing involved editing the May 2015 Supplement data. This process is described in the next section.

Edits, Allocations, and Recodes

Regular Edits. Data processing involved a consistency edit of all supplement items. The consistency edit ensured that the entries within an individual record followed the correct skip pattern.

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

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

Disclosure Avoidance Methods. Variables indicating either a number of cigarettes smoked during a time period or a price paid for cigarettes were subjected to disclosure avoidance techniques, by topcoding the value, and for the price paid items, rounding to the nearest five cents in addition to topcoding by state. More detail about these disclosure avoidance techniques and how they were determined will be provided at a later date.

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

Weighting

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

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

Supplement Non-Response and Self-only Non-Response Weights. *Use the supplement non-response adjustment weight PWNRWGT when using ALL respondents (self or proxy) for tallying the limited set of tobacco use status supplement items. When you are interested in self-response analysis (especially for those detailed items ONLY asked on the FULL self-response interview), use the supplement self-only non-response adjustment weight PWSRWGT for tallying the supplement items.*

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

combining the three files, divide each weight by three. The Source and Accuracy Statement for this data collection will be created and available at a later date and will be found in Attachment 16 which contains a detailed description on how to use the TUS-CPS special parameters to make standard error estimates for May 2015 single file and the need for special replicate weight files for complex analysis such as regression. Replicate weight files are available from the Census Bureau at (http://thedataweb.rm.census.gov/ftp/cps_ftp.html#cpsrepwgt).

May 2015 NCI and FDA co-sponsored TUS-CPS Files

CPS Labor Force Data. The May 2015 CPS file contains 151,503 records. The first 950 characters contain the labor force data for each record. Attachment 6 contains the CPS Basic Items Record Layout, which includes the variable name, character size, location on the record, universe, and the possible values of each basic CPS variable included on the file.

PRPERTYP determines the type of record as follows:

PRPERTYP

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

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

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

HRINTSTA determines the interview status of the household.

HRINTSTA

1 = Interviewed

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

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

4 = Type C Non-interview (These records represent sample addresses determined to be ineligible for CPS by virtue of a permanent

change such as demolished, condemned, etc. These addresses will not be visited again for CPS interviews.)

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

The values of PRPERTYP are:

Unweighted Counts

May 2015

1 = Child	25,201
2 = Adult Civilian, 15+	105,755
3 = Adult, Armed Forces	460
Total	131,416

The values of HRINTSTA are:

1 = Interview	131,416[1]
2 = Type A Noninterview	7,376
3 = Type B Noninterview	12,210
4 = Type C Noninterview	501
	151,503

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

Nonresponse. The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the supplement response rate (or nonresponse rate). For the May 2015 basic CPS, the household-level response rate was 87.9 percent. The person-level response rates for the Tobacco Use Supplement were 75.0 percent for the total (allowing all self and proxy responses) and 53.1 percent for self-response only (counting proxy responses and self -shortened proxy-path responses as non-responses). If we further take into account that we have also 1.0% of self-response for the shortened proxy path for tobacco status questions, then this becomes 54.1 percent self-response.

Given the re-design predictions suggested a decline of 5-7 percent in the total yield of self-respondents for the 2014-15 full survey, then we are right at the predicted level, just about

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[1] Equal to PRPERTYP in 1, 2 or 3

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

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

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

May 2015	Count	Percent
Total Eligible	100,051	100.00
Self Respondent	53,143	53.1
Proxy	20,958	20.9
Self (proxy path)	953	1.0
Non-interview	24,997	25.0

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

May 2015   75,054

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

May 2015   24,997

Those ineligible for the TUS include children (N =25,201), adults 15-17 years of age (N = 5,412), those adults in the Armed Forces (N=460), and those with incomplete CPS interviews (N = 292).

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

Past TUS-CPS Series

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

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

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

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

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

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

A unique feature of the CPS is its panel design, in which each household in the sample is surveyed for four consecutive months (panels # 1-4) and then for four more consecutive months (panels # 5-8) nine months later [see Attachment # 2- Overview of the Current Population Survey in this Technical Documentation, and U.S. Department of Commerce.2006. Current Population Survey. Design and Methodology Technical Paper 66. Washington, D.C. U.S. Census Bureau http://www.census.gov/prod/2006pubs/tp-66.pdf] . Due to this sampling strategy a subset of persons who were in sample for any given month of TUS-CPS fielding (e.g., July 2014, January 2015, or May 2015) can be linked with other CPS Basic and Supplement data from surveys conducted within about + /- 15 months of a TUS-CPS. This affords an opportunity to not only create a special cohort follow-up (as we did in Feb. 2002-03 and May 2010-11), but also to include other topics in analysis from March Annual Social and Economic Supplement (ASEC), Internet Use, American Time Use (ATUS), Voting and Registration, Veterans, Food Security, and other CPS Supplements. The ATUS to the CPS would be especially useful for exploring how smokers identified in the TUS- CPS utilize their time as determinants of smoking cessation and tobacco use.

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

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

ATTACHMENT 4

GLOSSARY

Current Population Survey

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

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

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

Civilian Labor Force−(See Labor Force.)

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

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

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

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

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

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

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

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

Education−(See Level of School Completed.)

Employed−(See Labor Force.)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1. *Employed*

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

2. *Unemployed*

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

    a. *Job Leavers*

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

    b. *Job Losers*

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

    c. *New Job Entrants*

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

    d. *Job Reentrants*

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

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

3. *Not in Labor Force*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Unemployed–(See Labor Force.)

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

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

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

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

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

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

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

Workers–(See Labor Force--Employed.)

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

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

ATTACHMENT 5

HOW TO USE THE RECORD LAYOUT

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

Item Naming Conventions

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

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

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

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

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

⊄   The remaining characters describe the variable.

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

ATTACHMENT 6

CPS RECORD LAYOUT FOR BASIC LABOR FORCE ITEMS

STANDARD PUBLIC USE FILES

A1. HOUSEHOLD INFORMATION

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***********************************
*    STARTING JANUARY 2015    *
***********************************
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NAME	SIZE	DESCRIPTION	LOCATION
HRHHID	15	HOUSEHOLD IDENTIFIER (Part 1)	1- 15

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

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

HRMONTH	2	MONTH OF INTERVIEW	16-17

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

01   MIN VALUE
12   MAX VALUE

HRYEAR4	4	YEAR OF INTERVIEW	18-21

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

1998 MIN VALUE
2999 MAX VALUE

HURESPLI	2	LINE NUMBER OF THE CURRENT RESPONDENT	22 - 23

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

    0   MIN VALUE
    99   MAX VALUE

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

NAME	SIZE	DESCRIPTION	LOCATION

244 MERGED
245 CONDEMNED
246 BUILT AFTER APRIL 1, 2000
247 UNUSED SERIAL NO./LISTING SHEET LINE
248 OTHER - SPECIFY
256 REMOVED DURING SUB-SAMPLING
257 UNIT ALREADY HAD A CHANCE OF SELECTION

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

VALID ENTRIES

1   SPANISH ONLY LANGUAGE SPOKEN

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

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

VALID ENTRIES

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

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

HEHOUSUT   2   TYPE OF HOUSING UNIT   31 - 32

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

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

11   STUDENT QUARTERS IN COLLEGE DORM
12   OTHER UNIT NOT SPECIFIED ABOVE

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

                   EDITED UNIVERSE: HRINTSTA = 1

                   VALID ENTRIES

                   1   YES
                   2   NO

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

                   EDITED UNIVERSE: HETELHHD = 2

                   VALID ENTRIES

                   1   YES
                   2   NO

HEPHONEO   2   IS A TELEPHONE INTERVIEW ACCEPTABLE?   37 - 38

                   EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1

                   VALID ENTRIES
                   1   YES
                   2   NO

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.**

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES</u>

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

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

<u>VALID ENTRIES</u>

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

<u>VALID ENTRIES</u>

1	VACANT REGULAR
2	TEMPORARILY OCCUPIED BY PERSONS W/ URE
3	VACANT-STORAGE OF HHLD FURNITURE
4	UNFIT OR TO BE DEMOLISHED
5	UNDER CONSTRUCTION, NOT READY
6	CONVERTED TO TEMP BUSINESS OR STORAGE
7	UNOCCUPIED TENT SITE OR 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

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES</u>

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

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

EDITED UNIVERSE: HRINTSTA = 1

HRINTSTA   2   INTERVIEW STATUS   57 - 58

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

<u>VALID ENTRIES</u>

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

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

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

<u>VALID ENTRIES</u>

0	MIN VALUE
16	MAX VALUE

HRHTYPE   2   HOUSEHOLD TYPE   61 - 62

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

HRMIS   2   MONTH-IN-SAMPLE   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   67 - 68
ATTEMPTED PERSONAL CONTACTS

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)

HWHHWTLN   2   Line Number (PULINENO) of the person whose PWSSWGT   76-77
was donated as HWHHWGT for the household

EDITED UNIVERSE: HRINTSTA = 1

<u>VALID ENTRIES</u>

0   MIN VALUE
16   MAX VALUE

FILLER   1   78 - 78

HUBUS   2   DOES ANYONE IN THIS HOUSEHOLD   79 - 80
HAVE A BUSINESS OR A FARM?

<u>VALID ENTRIES</u>

1   YES
2   NO

HUBUSL1   2   ENTER LINE NUMBER   81 - 82
FOR HUBUS = 1

<u>VALID ENTRIES</u>

01   MIN VALUE
99   MAX VALUE

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

VALID ENTRIES

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
GEDIV	1	DIVISION	91 - 91

EDITED UNIVERSE:　　ALL HHLD's IN SAMPLE

VALID ENTRIES

1	NEW ENGLAND
2	MIDDLE ATLANTIC
3	EAST NORTH CENTRAL
4	WEST NORTH CENTRAL
5	SOUTH ATLANTIC
6	EAST SOUTH CENTRAL
7	WEST SOUTH CENTRAL
8	MOUNTAIN
9	PACIFIC

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	1		92 – 92

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

FILLER	1		95 - 95
GTCBSA	5	SPECIFIC METROPOLITAN CBSA CODE (SEE GEOGRAPHIC ATTACHMENT)	96 - 100

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

<u>VALID ENTRIES</u>

00000	NOT IDENTIFIED OR NONMETROPOLITAN
10180	MIN VALUE
49740	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION

GTCO   3   FIPS COUNTY CODE   101 - 103

                 EDITED UNIVERSE: ALL HHLD's IN SAMPLE

                 <u>VALID ENTRIES</u>

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

GTCBSAST   1   PRINCIPAL CITY/BALANCE STATUS   104 - 104

                 EDITED UNIVERSE: ALL HHLD's IN SAMPLE

                 <u>VALID ENTRIES</u>

                 1   PRINCIPAL CITY
                 2   BALANCE
                 3   NONMETROPOLITAN
                 4   NOT IDENTIFIED

GTMETSTA   1   METROPOLITAN STATUS   105 - 105

                 EDITED UNIVERSE: ALL HHLD's IN SAMPLE

                 <u>VALID ENTRIES</u>

                 1   METROPOLITAN
                 2   NONMETROPOLITAN
                 3   NOT IDENTIFIED

GTINDVPC   1   INDIVIDUAL PRINCIPAL CITY   106 - 106

                 EDITED UNIVERSE: ALL HHLD's IN SAMPLE

                 <u>VALID ENTRIES</u>

                 0   NOT IDENTIFIED, NONMETROPOLITAN,
                    or NOT A CENTRAL CITY
                 1-7 SPECIFIC PRINCIPAL CITY CODE
                        (SEE GEOGRAPHIC ATTACHMENT)
                        NOTE: WHENEVER POSSIBLE THIS CODE

NAME	SIZE	DESCRIPTION	LOCATION

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+

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

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

000	NOT IDENTIFIED OR NONMETROPOLITAN
104	MIN VALUE
548	MAX VALUE

FILLER	3		111 - 113

A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS

FILLER	2	Starting January 2014	114 - 117
PERRP	2	RELATIONSHIP TO REFERENCE PERSON	118 - 119

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

NAME	SIZE	DESCRIPTION	LOCATION

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

PRTAGE   2   PERSONS AGE   122 - 123

Note: This variable was labeled as PEAGE in prior versions of this documentation
even though it contained the public use version of age that was topcoded and underwent
further masking steps to protect the confidentiality of individuals in sample.

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

NAME	SIZE	DESCRIPTION	LOCATION

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: PRTAGE >= 15

VALID ENTRIES

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

PESPOUSE   2   LINE NUMBER OF SPOUSE   127 - 128

EDITED UNIVERSE: PEMARITL = 1

VALID ENTRIES

-1	NO SPOUSE
01	MIN VALUE
99	MAX VALUE

PESEX   2   SEX   129 - 130

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

VALID ENTRIES

1	MALE
2	FEMALE

NAME	SIZE	DESCRIPTION	LOCATION

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

EDITED UNIVERSE: PRTAGE >=17

VALID ENTRIES

1   YES
2   NO

FILLER   2   Starting August 2005   133 - 134

PEAFNOW   2   ARE YOU NOW IN THE ARMED FORCES   135 - 136

EDITED UNIVERSE: PRPERTYP = 2 or 3

VALID ENTRIES

1   YES
2   NO

PEEDUCA   2   HIGHEST LEVEL OF SCHOOL   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)

NAME	SIZE	DESCRIPTION	LOCATION
PTDTRACE	2	RACE	139 – 140

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

<u>VALID ENTRIES</u>

01   White Only
02   Black Only
03   American Indian, Alaskan Native Only
04   Asian Only
05   Hawaiian/Pacific Islander Only
06   White-Black
07   White-AI
08   White-Asian
09   White-HP
10   Black-AI
11   Black-Asian
12   Black-HP
13   AI-Asian
14   AI-HP
15   Asian-HP
16   W-B-AI
17   W-B-A
18   W-B-HP
19   W-AI-A
20   W-AI-HP
21   W-A-HP
22   B-AI-A
23   W-B-AI-A
24   W-AI-A-HP
25   Other 3 Race Combinations
26   Other 4 and 5 Race Combinations

| PRDTHSP | 2 | DETAILED HISPANIC   ORIGIN GROUP | 141 - 142 |

NAME	SIZE	DESCRIPTION	LOCATION

Revised January 2014

EDITED UNIVERSE: PEHSPNON = 1

<u>VALID ENTRIES</u>

1. Mexican
2. Puerto Rican
3. Cuban
4. Dominican
5. Salvadoran
6. Central American, excluding Salvadoran
7. South American
8. Other Spanish

NAME	SIZE	DESCRIPTION	LOCATION
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

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2		145 - 146
PULINENO	2	PERSON'S LINE NUMBER	147 – 148

<u>VALID ENTRIES</u>

01	MIN VALUE
99	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2		149 - 150
PRFAMNUM	2	FAMILY NUMBER RECODE	151 - 152

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

NAME	SIZE	DESCRIPTION	LOCATION

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)

| PRFAMTYP | 2 | FAMILY TYPE RECODE | 155 - 156 |

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

NAME	SIZE	DESCRIPTION	LOCATION

<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-HISPANIC

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

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

NAME	SIZE	DESCRIPTION	LOCATION

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

| PRCITSHP | 2 | CITIZENSHIP STATUS | 172 - 173 |

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

NAME	SIZE	DESCRIPTION	LOCATION

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
16	1998-1999
17	2000-2001
18	2002-2003
19	2004-2005
20	2006-2007
21	2008-2009
22	2010-2011

NAME	SIZE	DESCRIPTION	LOCATION

23   2012-2015

A4. PERSONS INFORMATION LABOR FORCE ITEMS

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

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   182 - 183
FOR (EITHER) PAY (OR PROFIT)?

VALID ENTRIES

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

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

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES</u>

1   YES
2   NO

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

<u>VALID ENTRIES</u>

1   YES
2   NO

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

<u>VALID ENTRIES</u>

1   GOTO PUBUS1
2   GOTO PURETCK1

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

<u>VALID ENTRIES</u>

1   GOTO PUHRUSL1
2   GOTO PUBUS2

PUBUSCK3   2   CHECK ITEM 3   192 - 193

<u>VALID ENTRIES</u>

1   GOTO PUABSRSN
2   GOTO PULAY

PUBUSCK4   2   CHECK ITEM 4   194 - 195

<u>VALID ENTRIES</u>

1   GOTO PUHRUSL1
2   GOTO PUABSPD

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

1   YES
2   NO
3   WAS NOT RETIRED LAST MONTH

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 PRTAGE >= 50) OR
                                (PUABS = 3 AND PRTAGE >= 50) OR
                                (PULAY = 3 AND PRTAGE >= 50))

VALID ENTRIES

1   YES
2   NO
3   HAS A JOB

PUDIS1   2   DOES YOUR DISABILITY PREVENT YOU FROM   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?

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

1   YES
2   NO

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

VALID ENTRIES

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?

VALID ENTRIES

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

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

EDITED UNIVERSE: PEABSRSN = 4-12, 14

<u>VALID ENTRIES</u>

1   YES
2   NO

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

EDITED UNIVERSE: PEMLR = 1, 2

<u>VALID ENTRIES</u>

1   YES
2   NO

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

EDITED UNIVERSE: PEMJOT = 1

<u>VALID ENTRIES</u>

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

<u>VALID ENTRIES</u>

-4   HOURS VARY
0   MIN VALUE
99   MAX VALUE

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

NAME	SIZE	DESCRIPTION	LOCATION

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

<u>VALID ENTRIES</u>

-4   HOURS VARY
0   MIN VALUE
99 MAX VALUE

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

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

<u>VALID ENTRIES</u>

1   YES
2   NO
3   HOURS VARY

PEHRUSLT   3   SUM OF HRUSL1 AND HRUSL2.   224 - 226

EDITED UNIVERSE: PEMLR = 1 OR 2

<u>VALID ENTRIES</u>

-4   VARIES
0   MIN VALUE
198 MAX VALUE

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

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

<u>VALID ENTRIES</u>

1   YES
2   NO
3   REGULAR HOURS ARE FULL-TIME

PEHRRSN1   2   WHAT IS YOUR MAIN REASON FOR   229 - 230
WORKING PART-TIME?

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

NAME	SIZE	DESCRIPTION	LOCATION

<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

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

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

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+)

<u>VALID ENTRIES</u>

  1   SLACK WORK/BUSINESS CONDITIONS
  2   SEASONAL WORK
  3   JOB STARTED OR ENDED DURING WEEK
  4   VACATION/PERSONAL DAY
  5   OWN ILLNESS/INJURY/MEDICAL APPOINTMENT
  6   HOLIDAY (LEGAL OR RELIGIOUS)
  7   CHILD CARE PROBLEMS
  8   OTHER FAMILY/PERSONAL OBLIGATIONS

NAME	SIZE	DESCRIPTION	LOCATION

9   LABOR DISPUTE
10   WEATHER AFFECTED JOB
11   SCHOOL/TRAINING
12   CIVIC/MILITARY DUTY
13   OTHER REASON

PUHROFF1   2   LAST WEEK, DID YOU LOSE OR TAKE   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

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

0   MIN VALUE
99 MAX VALUE

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

EDITED UNIVERSE: PEMLR = 1 AND PEMJOT = 1

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

| PEHRAVL | 2 | LAST WEEK, COULD YOU HAVE WORKED
FULL-TIME IF THE HOURS HAD BEEN AVAILABLE? | 250 - 251 |

EDITED UNIVERSE: PEHRACTT = 1-34 (PEMLR = 1 AND
PEHRUSLT < 35 AND PEHRRSN1 = 1, 2, 3)

VALID ENTRIES

1   YES
2   NO

| FILLER | 5 | | 252 - 256 |

| PUHRCK1 | 2 | CHECK ITEM 1 | 257 - 258 |

VALID ENTRIES

1   GOTO PUHRUSL2
2   GOTO PUHRUSLT

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK2	2	CHECK ITEM 2	259 - 260

SKIPS PERSONS RESPONDING YES TO
HRFTPT OUT OF PT SERIES

VALID ENTRIES

1   IF ENTRY OF 1 IN MJ AND
ENTRY OF D, R OR V IN HRUSL1
AND ENTRY OF D, R, V OR 0-34
IN HRUSL2 GOTO HRFTPT

2   IF ENTRY OF 1 IN MJ AND ENTRY
OF D, R OR V IN HRUSL2 AND
ENTRY OF D, R V OR 0-34 IN
HRUSL1 GOTO HRFTPT

3   IF ENTRY OF 2, D OR R IN MJ
AND ENTRY OF D, R OR V IN HRUSL1
GOTO HRFTPT

4   IF ENTRY OF 1 IN BUS1 AND ENTRY
OF D, R OR V IN HRUSL1 THEN
GOTO HRFTPT

5   ALL OTHERS GOTO HRCK3-C

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

VALID ENTRIES

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

2   IF ENTRY OF 3 IN RET1 GOTO HRCK8

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

4   IF ENTRY IN HRUSLT IS 35+ GOTO HROFF1

5   ALL OTHERS GOTO HRCK4-C

6   GOTO PUHRCK4

| PUHRCK4 | 2 | CHECK ITEM 4 | 263 - 264 |

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

PUHRCK5   2   CHECK ITEM 5   265 - 266

VALID ENTRIES

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

PUHRCK6   2   CHECK ITEM 6   267 - 268

VALID ENTRIES

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

PUHRCK7   2   CHECK ITEM 7   269 - 270

VALID ENTRIES

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

PUHRCK12   2   CHECK ITEM 12   271 – 272

NAME	SIZE	DESCRIPTION	LOCATION

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   273 - 274
TO RETURN TO WORK?

VALID ENTRIES

1   YES
2   NO

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

VALID ENTRIES

1   YES
2   NO

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.

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE: PELAYAVL= 1, 2

<u>VALID ENTRIES</u>

1   YES
2   NO

| PELAYDUR | 3 | DURATION OF LAYOFF | 283 - 285 |

EDITED UNIVERSE: PELAYLK = 1, 2

<u>VALID ENTRIES</u>

01-51   Weeks on layoff
52   52 weeks or more
Topcoded at 52 weeks starting April 2011

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

EDITED UNIVERSE: PELAYDUR = 0-120

<u>VALID ENTRIES</u>

1   YES
2   NO

| PULAYCK1 | 2 | CHECK ITEM 1 | 288 - 289 |

<u>VALID ENTRIES</u>

1   GOTO PULAYCK3
2   GOTO PULAYFT
3   GOTO PULAYDR

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

<u>VALID ENTRIES</u>

1   GOTO PULAYDR3
2   GOTO PULAYFT

NAME	SIZE	DESCRIPTION	LOCATION

PULAYCK3   2   CHECK ITEM 3   292 - 293

NAME   **SIZE**   **DESCRIPTION**   **LOCATION**

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

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   294 - 295
WORK DURING THE LAST 4 WEEKS?

VALID ENTRIES

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

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

VALID ENTRIES

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

| PULKM4 | 2 | SAME AS PULKM2 (FOURTH METHOD) | 302 - 303 |

VALID ENTRIES

1   CONTACTED EMPLOYER DIRECTLY/INTERVIEW
2   CONTACTED PUBLIC EMPLOYMENT AGENCY
3   CONTACTED PRIVATE EMPLOYMENT AGENCY
4   CONTACTED FRIENDS OR RELATIVES
5   CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
6   SENT OUT RESUMES/FILLED OUT APPLICATION
7   CHECKED UNION/PROFESSIONAL REGISTERS

NAME	SIZE	DESCRIPTION	LOCATION

8   PLACED OR ANSWERED ADS
9   OTHER ACTIVE
10   LOOKED AT ADS
11   ATTENDED JOB TRAINING PROGRAMS/COURSES
13   OTHER PASSIVE

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

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

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

VALID ENTRIES

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

PULKDK3   2   SAME AS PULKDK2 (THIRD METHOD)   312 - 313

VALID ENTRIES

1	CONTACTED EMPLOYER DIRECTLY/INTERVIEW
2	CONTACTED PUBLIC EMPLOYMENT AGENCY
3	CONTACTED PRIVATE EMPLOYMENT AGENCY
4	CONTACTED FRIENDS OR RELATIVES
5	CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
6	SENT OUT RESUMES/FILLED OUT APPLICATION
7	CHECKED UNION/PROFESSIONAL REGISTERS

NAME	SIZE	DESCRIPTION	LOCATION

8   PLACED OR ANSWERED ADS
9   OTHER ACTIVE
10   LOOKED AT ADS
11   ATTENDED JOB TRAINING PROGRAMS/COURSES
13   OTHER PASSIVE

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

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

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

VALID ENTRIES

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

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

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	

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION

<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

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

<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

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

EDITED UNIVERSE: PELKM1 = 1 - 13

<u>VALID ENTRIES</u>

1	YES
2	NO

PULKAVR   2   WHY IS THAT?   334 - 335

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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,   336 - 337
WHAT WERE YOU DOING: WORKING, GOING
TO SCHOOL, OR SOMETHING ELSE?

EDITED UNIVERSE: PELKAVL = 1-2

VALID ENTRIES

1 WORKING
2 SCHOOL
3 LEFT MILITARY SERVICE
4 SOMETHING ELSE

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

EDITED UNIVERSE: PELKLL1O = 1 OR 3

VALID ENTRIES

1 LOST JOB
2 QUIT JOB
3 TEMPORARY JOB ENDED

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

Topcoded at 119 weeks starting April 2011

| PELKFTO | 2 | FT/PT STATUS OF JOBSEEKER | 345 - 346 |

EDITED UNIVERSE: PELKDUR = 0-120

VALID ENTRIES

1   YES
2   NO
3   DOESN'T MATTER

| PEDWWNTO | 2 | DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART TIME? | 347 - 348 |

EDITED UNIVERSE: PUDWCK1 = 3, 4, -1

VALID ENTRIES

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

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

EDITED UNIVERSE: PUDWCK4 = 4, -1

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

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

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

EDITED UNIVERSE: PEDWWK = 1

<u>VALID ENTRIES</u>

1   YES
2   NO

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

EDITED UNIVERSE: PEDW4WK = 2

<u>VALID ENTRIES</u>

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION

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

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

<u>VALID ENTRIES</u>

1   YES
2   NO

PEDWAVR   2   WHY IS THAT?   361 - 362

EDITED UNIVERSE: PEDWAVL = 2

<u>VALID ENTRIES</u>

1   OWN TEMPORARY ILLNESS
2   GOING TO SCHOOL
3   OTHER

PUDWCK1   2   SCREEN FOR DISCOURAGED WORKERS   363 - 364

<u>VALID ENTRIES</u>

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

<u>VALID ENTRIES</u>

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

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

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

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

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

VALID ENTRIES

1 YES
2 NO

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

VALID ENTRIES

1 YES
2 NO

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

EDITED UNIVERSE: PEJHWKO = 1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

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

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

VALID ENTRIES

1   YES, OR IT DEPENDS
2   NO

PUJHCK1   2   FILTER FOR OUTGOING ROTATIONS   381 - 382

VALID ENTRIES

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

PUJHCK2   2   FILTER FOR PERSONS GOING THROUGH THE   383 - 384
I AND O SERIES

VALID ENTRIES

1   IF ENTRY OF 1 IN DWWK AND I-MLR= 3, 4
    THEN STORE 1 IN JHWKO, STORE
    DW4WK IN JHDP1O AND GOTO PUJHRSN
2   IF ENTRY OF 2, D OR R IN DWWK THEN STORE DWWK IN
    JHWKO AND GOTO PUJHWANT
3   ALL OTHERS GOTO PUJHWK

PRABSREA   2   REASON NOT AT WORK AND PAY STATUS   385 - 386

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE: PEMLR = 2

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
PRCIVLF	2	CIVILIAN LABOR FORCE	387 - 388

EDITED UNIVERSE: PEMLR = 1-7

<u>VALID ENTRIES</u>

01   IN CIVILIAN LABOR FORCE
02   NOT IN CIVILIAN LABOR FORCE

PRDISC	2	DISCOURAGED WORKER RECODE	389 - 390

EDITED UNIVERSE: PRJOBSEA = 1-4

<u>VALID ENTRIES</u>

1   DISCOURAGED WORKER
2   CONDITIONALLY INTERESTED
3   NOT AVAILABLE

PREMPHRS	2	REASON NOT AT WORK OR HOURS AT WORK	391 - 392

EDITED UNIVERSE: PEMLR = 1-7

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

      19   AT WORK- 41-47 HRS
      20   AT WORK- 48 HRS
      21   AT WORK- 49-59 HRS
      22   AT WORK- 60 HRS OR MORE

PREMPNOT   2   MLR - EMPLOYED, UNEMPLOYED, OR NILF   393 - 394

      EDITED UNIVERSE: PEMLR = 1-7

      <u>VALID ENTRIES</u>

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

PREXPLF   2   EXPERIENCED LABOR FORCE EMPLOYMENT   395 - 396

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

      <u>VALID ENTRIES</u>

      1   EMPLOYED
      2   UNEMPLOYED

PRFTLF   2   FULL TIME LABOR FORCE   397 - 398

      EDITED UNIVERSE: PEMLR = 1-4

      <u>VALID ENTRIES</u>

      1   FULL TIME LABOR FORCE
      2   PART TIME LABOR FORCE

PRHRUSL   2   USUAL HOURS WORKED WEEKLY   399 - 400

      EDITED UNIVERSE: PEMLR = 1-2

      <u>VALID ENTRIES</u>

      1   0-20 HRS
      2   21-34 HRS
      3   35-39 HRS
      4   40 HRS

NAME	SIZE	DESCRIPTION	LOCATION

5 41-49 HRS
6 50 OR MORE HRS
7 VARIES-FULL TIME
8 VARIES-PART TIME

PRJOBSEA   2   JOB SEARCH RECODE   401 - 402

EDITED UNIVERSE: PRWNTJOB = 1

<u>VALID ENTRIES</u>

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

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

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

<u>VALID ENTRIES</u>

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

PRPTREA   2   DETAILED REASON FOR PART-TIME   405 - 406

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

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

EDITED UNIVERSE: PEMLR = 3-4

VALID ENTRIES

0   MIN VALUE
119 MAX VALUE

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

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

EDITED UNIVERSE: PEMLR = 3-4

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

PRWKSCH	2	LABOR FORCE BY TIME WORKED OR LOST	414 - 415

EDITED UNIVERSE: PEMLR = 1 - 7

VALID ENTRIES

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

PRWKSTAT	2	FULL/PART-TIME WORK STATUS	416 - 417

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

   1   WANT A JOB
   2   OTHER NOT IN LABOR FORCE

PUJHCK3   2   JOB HISTORY CHECK ITEM   420 - 421

VALID ENTRIES

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

PUJHCK4   2   SCREEN FOR DEPENDENT NILF   422 - 423

VALID ENTRIES

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

PUJHCK5   2   SCREEN FOR DEPENDENT NILF   424 - 425

VALID ENTRIES

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

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

VALID ENTRIES

   1   YES
   2   NO

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

1   YES
2   NO

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

VALID ENTRIES

1   YES
2   NO

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

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

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

VALID ENTRIES

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

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

1	MANUFACTURING	
2	RETAIL TRADE	
3	WHOLESALE TRADE	
4	SOMETHING ELSE	

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

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

EDITED UNIVERSE: PRIOELG = 1 and PEMJOT = 1 AND HRMIS = 4,8

VALID ENTRIES

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

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

VALID ENTRIES

1   MANUFACTURING
2   RETAIL TRADE
3   WHOLESALE TRADE
4   SOMETHING ELSE

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

PUIOCK1   2   I & O CHECK ITEM 1   452 - 453
SCREEN FOR DEPENDENT I AND O

VALID ENTRIES

1   IF {MISCK EQ 1 OR 5)
      OR MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7)
      AND ENTRY OF 1 IN ABS} THEN GOTO PUIO1INT
2   IF (MISCK EQ 1 OR 5)
      OR {(MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7)
      AND (ENTRY OF 1 IN WK OR HRCK7-C IS BLANK, 1-3)}
      GOTO PUIO1INT
3   IF I-IO1NAM IS D, R OR BLANK THEN GOTO PUIO1INT
4   ALL OTHERS GOTO PUIODP1

PUIOCK2   2   I & O CHECK ITEM 2   454 - 455
                    SCREEN FOR PREVIOUS MONTHS I AND O CASES

                    VALID ENTRIES

                    1   IF I-IO1ICR EQ 1 THEN GOTO PUIO1IND
                    2   IF I-IO1OCR EQ 1 THEN GOTO PUIO1OCC
                    3   ALL OTHERS GOTO PUIODP2

PUIOCK3   2   I & O CHECK ITEM 3   456 - 457

                    VALID ENTRIES

                    1   IF I-IO1OCC EQUALS D, R OR BLANK THEN GOTO PUIO1OCC
                    2   IF I-IO1DT1 IS D, R OR BLANK THEN GOTO PUIO1OCC
                    3   ALL OTHERS GOTO PUIODP3

PRIOELG   2   INDUSTRY AND OCCUPATION   458 - 459
                    ELIGIBILITY FLAG

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

                    VALID ENTRIES

                    0   NOT ELIGIBLE FOR EDIT
                    1   ELIGIBLE FOR EDIT

NAME	SIZE	DESCRIPTION	LOCATION

PRAGNA   2   AGRICULTURE/   460 - 461

NON-AGRICULTURE INDUSTRY

EDITED UNIVERSE: PRIOELG = 1

<u>VALID ENTRIES</u>

1   AGRICULTURAL
2   NON-AGRICULTURAL

PRCOW1   2   CLASS OF WORKER   462 - 463

RECODE - JOB 1

EDITED UNIVERSE: PRIOELG = 1

<u>VALID ENTRIES</u>

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

PRCOW2   2   CLASS OF WORKER   464 - 465

RECODE - JOB 2

EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND

HRMIS = 4 OR 8

<u>VALID ENTRIES</u>

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

PRCOWPG   2   COW - PRIVATE OR GOVERNMENT   466 - 467

EDITED UNIVERSE: PEIO1COW = 1 - 5

NAME	SIZE	DESCRIPTION	LOCATION

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

PRDTCOW2   2   DETAILED CLASS OF WORKER RECODE - JOB 2   470 - 471

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

VALID ENTRIES

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

PRDTIND1   2   DETAILED INDUSTRY RECODE - JOB 1   472 - 473

EDITED UNIVERSE: PRIOELG = 1

NAME	SIZE	DESCRIPTION	LOCATION

<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

NAME	SIZE	DESCRIPTION	LOCATION

41   Hospitals
42   Health care services, except hospitals
43   Social assistance
44   Arts, entertainment, and recreation
45   Accommodation
46   Food services and drinking places
47   Repair and maintenance
48   Personal and laundry services
49   Membership associations and organizations
50   Private households
51   Public administration
52   Armed forces

PRDTIND2   2   DETAILED INDUSTRY RECODE - JOB 2   474 - 475

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

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
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

<u>VALID ENTRIES</u>

1   Management occupations
2   Business and financial operations occupations
3   Computer and mathematical science occupations
4   Architecture and engineering occupations
5   Life, physical, and social science occupations
6   Community and social service occupations
7   Legal occupations
8   Education, training, and library occupations
9   Arts, design, entertainment, sports, and media occupations
10   Healthcare practitioner and technical occupations
11   Healthcare support occupations
12   Protective service occupations
13   Food preparation and serving related occupations
14   Building and grounds cleaning and maintenance occupations
15   Personal care and service occupations
16   Sales and related occupations

17   Office and administrative support occupations
18   Farming, fishing, and forestry occupations
19   Construction and extraction occupations
20   Installation, maintenance, and repair occupations
21   Production occupations
22   Transportation and material moving occupations
23   Armed Forces

PREMP   2   EMPLOYED PERSONS (NON-FARM   480 - 481
                          & NON-PRIVATE HHLD) RECODE

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

                          VALID ENTRY

                          1   EMPLOYED PERSONS (EXC. FARM & PRIV HH)

PRMJIND1   2   MAJOR INDUSTRY RECODE - JOB 1   482 - 483

                            EDITED UNIVERSE: PRDTIND1 = 1-51

                          VALID ENTRIES

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

PRMJIND2   2   MAJOR INDUSTRY RECODE - JOB 2   484 - 485

                          EDITED UNIVERSE: PRDTIND2 = 1-51

VALID ENTRIES

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

PRMJOCC1   2   MAJOR OCCUPATION RECODE   486 - 487
                        - JOB 1

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

PRMJOCC2   2   MAJOR OCCUPATION RECODE   488 - 489
                        - JOB 2

EDITED UNIVERSE: PRDTOCC2 = 1-46

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

PRMJOCGR   2   MAJOR OCCUPATION CATEGORIES   490 - 491

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

PRNAGPWS   2   NON-AGRICULTURE, PRIVATE WAGE AND SALARY WORKERS RECODE   492 - 493

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

VALID ENTRY

1   NON-AG PRIV WAGE & SALARY

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRY

    1   NON-AG WAGE AND SALARY WORKERS

PRSJMJ   2   SINGLE/MULTIPLE JOBHOLDER RECODE   496 - 497

EDITED UNIVERSE: PEMLR = 1 OR 2

VALID ENTRIES

    1   SINGLE JOBHOLDER
    2   MULTIPLE JOBHOLDER

PRERELG   2   EARNINGS ELIGIBILITY FLAG   498 - 499

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

VALID ENTRIES

    0   NOT ELIGIBLE FOR EDIT
    1   ELIGIBLE FOR EDIT

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

EDITED UNIVERSE: PRERELG = 1

VALID ENTRIES

    1   YES
    2   NO

PEERNPER   2   PERIODICITY   502 - 503

EDITED UNIVERSE: PRERELG = 1

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

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

    EDITED UNIVERSE: PEERNPER = 2-7

    VALID ENTRIES

    1   YES
    2   NO

PEERNHRY   2   HOURLY/NONHOURLY STATUS   506 - 507

    EDITED UNIVERSE: PRERELG = 1

    VALID ENTRIES

    1   HOURLY WORKER
    2   NONHOURLY WORKER

PUERNH1C   4   WHAT IS YOUR HOURLY RATE OF PAY ON   508 - 511
THIS JOB, EXCLUDING OVERTIME PAY, TIPS
OR COMMISSION?
DOLLAR AMOUNT - 2 IMPLIED DECIMALS

    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   512 - 515
COMMISSIONS) WHAT IS YOUR HOURLY RATE
OF PAY ON YOUR (MAIN/THIS) JOB?
DOLLAR AMOUNT - 2 IMPLIED DECIMALS

    EDITED UNIVERSE: PEERNRT = 1

    VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

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

<u>VALID ENTRIES</u>

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

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

0	MIN VALUE
288461	MAX VALUE

PTWK	1	WEEKLY EARNINGS - TOP CODE	535 - 535

0	NOT TOPCODED
1	TOPCODED

FILLER	4		536 - 539

PEERN	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS	540 - 547

EDITED UNIVERSE: PEERNUOT = 1 AND PEERNPER = 1

VALID ENTRIES

0	MIN VALUE
288461	MAX VALUE

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

VALID ENTRIES

0	MIN VALUE
288461	MAX VALUE

PTOT	1	WEEKLY OVERTIME AMOUNT - TOP CODE	556 - 556

VALID ENTRIES

0	NOT TOPCODED
1	TOPCODED

FILLER	2		557 - 558

PEERNWKP	2	HOW MANY WEEKS A YEAR DO YOU GET PAID FOR?	559 - 560

EDITED UNIVERSE: PEERNPER = 6

NAME	SIZE	DESCRIPTION	LOCATION

01   MIN VALUE
52   MAX VALUE

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: PRTAGE = 50+ AND PEMLR = 3-7

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

1   YES
2   NO

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: (PRTAGE = 14-49) or (PENLFRET = 2)

                             VALID ENTRIES

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

PUNLFCK1   2   NOT IN LABOR FORCE   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 PRTAGE = 16-54

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES</u>

1   YES
2   NO

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

EDITED UNIVERSE: PESCHLVL = 1, 2

<u>VALID ENTRIES</u>

1   FULL-TIME
2   PART-TIME

PESCHLVL   2   WOULD THAT BE HIGH SCHOOL, COLLEGE,   579 - 580
                    OR UNIVERSITY?

EDITED UNIVERSE: PESCHENR = 1

<u>VALID ENTRIES</u>

1   HIGH SCHOOL
2   COLLEGE OR UNIVERSITY

PRNLFSCH   2   NLF ACTIVITY - IN SCHOOL OR   581 - 582
                    NOT IN SCHOOL

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

<u>VALID ENTRIES</u>

1   IN SCHOOL
2   NOT IN SCHOOL

PERSON'S WEIGHTS

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

EDITED UNIVERSE: PRPERTYP = 1-3

NAME	SIZE	DESCRIPTION	LOCATION

PWLGWGT   10   LONGITUDINAL WEIGHT   593 - 602
(4 IMPLIED DECIMALS)
ONLY FOUND ON ADULT RECORDS MATCHED FROM MONTH TO MONTH.
(USED FOR GROSS FLOWS ANALYSIS)

    EDITED UNIVERSE: PRPERTYP = 2

PWORWGT   10   OUTGOING ROTATION WEIGHT   603 - 612
(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

PWSSWGT   10   FINAL WEIGHT   613 - 622
(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

PWVETWGT   10   VETERANS WEIGHT   623 - 632
(4 IMPLIED DECIMALS)
USED FOR TALLYING VETERAN'S DATA ONLY, CONTROLLED TO
ESTIMATES OF VETERANS SUPPLIED BY VA.

    EDITED UNIVERSE: PRPERTYP = 2

PRCHLD   2   PRESENCE OF OWN CHILDREN <18 YEARS   633-634
OF AGE BY SELECTED AGE GROUP

    EDITED UNIVERSE: PRFAMREL = 1 or 2

    <u>VALID ENTRIES</u>

    -1   NIU (Not a parent)
    0   No own children under 18 years of age
    1   All own children 0- 2 years of age
    2   All own children 3- 5 years of age
    3   All own children 6-13 years of age
    4   All own children 14-17 years of age
    5   Own children 0- 2 and 3- 5 years of age (none 6-17)
    6   Own children 0- 2 and 6-13 years of age (none 3- 5 or 14-17)

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

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

ALLOCATION FLAGS
Unless otherwise noted, the values for all allocation
flags are defined as described below:

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

42   DON'T KNOW TO ALLOCATED VALUE
43   REFUSED TO ALLOCATED VALUE
50   VALUE TO BLANK
52   DON'T KNOW TO BLANK
53   REFUSED TO BLANK

PXPDEMP1	2	ALLOCATION FLAG	637-638
PRWERNAL	2	ALLOCATION FLAG	639 - 640

WEEKLY EARNINGS RECODE (PRERNWA)
ALLOCATION FLAG

EDITED UNIVERSE: PRERELG = 1

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

PRHERNAL	2	ALLOCATION FLAG	641 - 642

HOURLY EARNINGS RECODE (PRERNHLY)
ALLOCATION FLAG

EDITED UNIVERSE: PRERNHRY = 1

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

HXTENURE	2	ALLOCATION FLAG See HETENURE note.	643 - 644
HXHOUSUT	2	ALLOCATION FLAG	645 - 646
HXTELHHD	2	ALLOCATION FLAG	647 - 648
HXTELAVL	2	ALLOCATION FLAG	649 - 650
HXPHONEO	2	ALLOCATION FLAG	651 - 652
PXINUSYR	2	ALLOCATION FLAG	653 - 654
PXRRP	2	ALLOCATION FLAG	655 - 656
PXPARENT	2	ALLOCATION FLAG	657 - 658

NAME	SIZE	DESCRIPTION	LOCATION
PXAGE	2	ALLOCATION FLAG	659 - 660
PXMARITL	2	ALLOCATION FLAG	661 - 662
PXSPOUSE	2	ALLOCATION FLAG	663 - 664
PXSEX	2	ALLOCATION FLAG	665 - 666
PXAFWHN1	2	ALLOCATION FLAG	667 - 668
PXAFNOW	2	ALLOCATION FLAG	669 - 670
PXEDUCA	2	ALLOCATION FLAG	671 - 672
PXRACE1	2	ALLOCATION FLAG	673 - 674
PXNATVTY	2	ALLOCATION FLAG	675 - 676
PXMNTVTY	2	ALLOCATION FLAG	677 - 678
PXFNTVTY	2	ALLOCATION FLAG	679 - 680
PXNMEMP1	2	ALLOCATION FLAG	681 - 682
PXHSPNON	2	ALLOCATION FLAG	683 - 684
PXMLR	2	ALLOCATION FLAG	685 - 686
PXRET1	2	ALLOCATION FLAG	687 - 688
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

NAME	SIZE	DESCRIPTION	LOCATION
PXHRWANT	2	ALLOCATION FLAG	705 - 706
PXHRRSN1	2	ALLOCATION FLAG	707 - 708
PXHRRSN2	2	ALLOCATION FLAG	709 – 710
PXHRACT1	2	ALLOCATION FLAG	711 - 712
PXHRACT2	2	ALLOCATION FLAG	713 - 714
PXHRACTT	2	ALLOCATION FLAG	715 - 716
PXHRRSN3	2	ALLOCATION FLAG	717 - 718
PXHRAVL	2	ALLOCATION FLAG	719 - 720
PXLAYAVL	2	ALLOCATION FLAG	721 - 722
PXLAYLK	2	ALLOCATION FLAG	723 - 724
PXLAYDUR	2	ALLOCATION FLAG	725 - 726
PXLAYFTO	2	ALLOCATION FLAG	727 - 728
PXLKM1	2	ALLOCATION FLAG	729 - 730
PXLKAVL	2	ALLOCATION FLAG	731 - 732
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

NAME	SIZE	DESCRIPTION	LOCATION
PXDW4WK	2	ALLOCATION FLAG	751 - 752
PXDWLKWK	2	ALLOCATION FLAG	753 - 754
PXDWAVL	2	ALLOCATION FLAG	755 - 756
PXDWAVR	2	ALLOCATION FLAG	757 - 758
PXJHWKO	2	ALLOCATION FLAG	759 - 760
PXJHRSN	2	ALLOCATION FLAG	761 - 762
PXJHWANT	2	ALLOCATION FLAG	763 - 764
PXIO1COW	2	ALLOCATION FLAG	765 - 766
PXIO1ICD	2	ALLOCATION FLAG	767 - 768
PXIO1OCD	2	ALLOCATION FLAG	769 - 770
PXIO2COW	2	ALLOCATION FLAG	771 - 772
PXIO2ICD	2	ALLOCATION FLAG	773 - 774
PXIO2OCD	2	ALLOCATION FLAG	775 - 776
PXERNUOT	2	ALLOCATION FLAG	777 - 778
PXERNPER	2	ALLOCATION FLAG	779 - 780
PXERNH1O	2	ALLOCATION FLAG	781 - 782
PXERNHRO	2	ALLOCATION FLAG	783 - 784
PXERN	2	ALLOCATION FLAG	785 - 786
PXPDEMP2	2	ALLOCATION FLAG	787 - 788
PXNMEMP2	2	ALLOCATION FLAG	789 - 790
PXERNWKP	2	ALLOCATION FLAG	791 - 792
PXERNRT	2	ALLOCATION FLAG	793 - 794
PXERNHRY	2	ALLOCATION FLAG	795 – 796

NAME	SIZE	DESCRIPTION	LOCATION
PXERNH2	2	ALLOCATION FLAG	797 - 798
PXERNLAB	2	ALLOCATION FLAG	799 - 800
PXERNCOV	2	ALLOCATION FLAG	801 - 802
PXNLFJH	2	ALLOCATION FLAG	803 - 804
PXNLFRET	2	ALLOCATION FLAG	805 - 806
PXNLFACT	2	ALLOCATION FLAG	807 - 808
PXSCHENR	2	ALLOCATION FLAG	809 - 810
PXSCHFT	2	ALLOCATION FLAG	811 - 812
PXSCHLVL	2	ALLOCATION FLAG	813 - 814
QSTNUM	5	Unique household identifier. Valid only within any specific month.	815 - 819
OCCURNUM	2	Unique person identifier. Valid only within any specific month.	820 - 821
PEDIPGED	2	How did...get...'s high school diploma?	822 - 823

PEDIPGED (continued)

EDITED UNIVERSE = PEEDUCA = 39

VALID ENTRIES

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 Less than 1st grade
2 1st, 2nd, 3rd, or 4th grade
3 5th or 6th grade
4 7th or 8th grade
5 9th grade

NAME	SIZE	DESCRIPTION	LOCATION

7   11th grade
8   12th grade (no diploma)

PECYC   2   How many years of college credit has...completed?   826 - 827

EDITED UNIVERSE: PEEDUCA =40-42

VALID ENTRIES

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

PADDING   6   828 - 833

PXDIPGED   2   ALLOCATION FLAG   834 - 835

PXHGCOMP   2   ALLOCATION FLAG   836 - 837

PXCYC   2   ALLOCATION FLAG   838 - 839

PADDING   6   840 - 845

PWCMPWGT   10   Composited Final Weight. Used to create   846 - 855
BLS's published labor force statistics (4 implied
decimal places)

EDITED UNIVERSE: PRPERTYP = 2 AND
PRTAGE = 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)

6-82

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES</u>

0   MIN VALUE
9999   MAX VALUE

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)

<u>VALID ENTRIES</u>

0   MIN VALUE
9999   MAX VALUE

PEIO2ICD   4   INDUSTRY CODE FOR SECOND JOB.   864 - 867

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

<u>VALID ENTRIES</u>

0   MIN VALUE
9999   MAX VALUE

PEIO2OCD   4   OCCUPATION CODE FOR SECOND JOB.   868 - 871

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

<u>VALID ENTRIES</u>

0   MIN VALUE
9999   MAX VALUE

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

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

NAME	SIZE	DESCRIPTION	LOCATION

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

PEAFWHN1   2   WHEN DID YOU SERVE?   876 - 877

EDITED UNIVERSE: PEAFEVER = 1

VALID ENTRIES

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

PEAFWHN2   2   WHEN DID YOU SERVE?   878 - 879

EDITED UNIVERSE: PEAFEVER = 1

VALID ENTRIES

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

PEAFWHN3   2   WHEN DID YOU SERVE?   880 - 881

EDITED UNIVERSE: PEAFEVER = 1

NAME	SIZE	DESCRIPTION	LOCATION

<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

PEAFWHN4   2   WHEN DID YOU SERVE?   882 - 883

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

PXAFEVER   2   ALLOCATION FLAG   884 - 885

PELNDAD   2   LINE NUMBER OF FATHER   886 - 887

EDITED UNIVERSE: ALL

<u>VALID ENTRIES</u>

-1   NO FATHER PRESENT
01   MIN VALUE
16   MAX VALUE

PELNMOM   2   LINE NUMBER OF MOTHER   888 - 889

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE: ALL

<u>VALID ENTRIES</u>

-1   NO MOTHER PRESENT
01   MIN VALUE
16   MAX VALUE

PEDADTYP	2	TYPE OF FATHER	890 – 891

EDITED UNVERSE: ALL

-1   NO FATHER PRESENT
01   BIOLOGICAL
02   STEP
03   ADOPTED

PEMOMTYP	2	TYPE OF MOTHER	892 - 893

EDITED UNVERSE: ALL

-1   NO MOTHER PRESENT
01   BIOLOGICAL
02   STEP
03   ADOPTED

PECOHAB	2	LINE NUMBER OF COHABITING PARTNER	894 - 895

EDITED UNIVERSE: ALL

<u>VALID ENTRIES</u>

-1   NO PARTNER PRESENT
01   MIN VALUE
16   MAX VALUE

PXLNDAD	2	ALLOCATION FLAG	896 - 897
PXLNMOM	2	ALLOCATION FLAG	898 - 899
PXDADTYP	2	ALLOCATION FLAG	900 - 901

NAME	SIZE	DESCRIPTION	LOCATION
PXMOMTYP	2	ALLOCATION FLAG	902 - 903
PXCOHAB	2	ALLOCATION FLAG	904 – 905
PEDISEAR	2	IS…DEAF OR DOES…HAVE SERIOUS DIFFICULTY HEARING?	906 - 907

EDITED UNIVERSE: PRPERTYP = 2

<u>VALID ENTRIES</u>

1   Yes
2   No

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

EDITED UNIVERSE: PRPERTYP = 2

<u>VALID ENTRIES</u>

1   Yes
2   No

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

EDITED UNIVERSE: PRPERTYP = 2

<u>VALID ENTRIES</u>

1   Yes
2   No

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

EDITED UNIVERSE: PRPERTYP = 2

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

   1   Yes
   2   No

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

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

   1   Yes
   2   No

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

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

   1   Yes
   2   No

| PRDISFLG | 2 | DOES THIS PERSON HAVE ANY OF THESE DISABILITY CONDITIONS? | 918 - 919 |

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

VALID ENTRIES:

   1   Yes
   2   No

| PXDISEAR | 2 | ALLOCATION FLAG | 920 - 921 |
| PXDISEYE | 2 | ALLOCATION FLAG | 922 - 923 |

NAME	SIZE	DESCRIPTION	LOCATION
PXDISREM	2	ALLOCATION FLAG	924 - 925
PXDISPHY	2	ALLOCATION FLAG	926 - 927
PXDISDRS	2	ALLOCATION FLAG	928 - 929
PXDISOUT	2	ALLOCATION FLAG	930 - 931
HXFAMINC	2	ALLOCATION FLAG	932 - 933
PRDASIAN	2	DETAILED ASIAN RACE RECODE	934 – 935

EDITED UNIVERSE: PTDTRACE = 4

<u>VALID ENTRIES</u>

1 = Asian Indian
2 = Chinese
3 = Filipino
4 = Japanese
5 = Korean
6 = Vietnamese
7 = Other

PEPDEMP1	2	DOES THIS PERSON USUALLY HAVE ANY PAID EMPLOYEES?	936 - 937

See location 637-638 for the allocation flag.

EDITED UNIVERSE: HRMIS = 3 or 4 and PEIO1COW = 6 or 7

<u>VALID ENTRIES</u>

1   YES
2   NO

PTNMEMP1	2	EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE?	938-939

See location 681-682 for the allocation flag.

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE: PEPDEMP1 = 1

<u>VALID ENTRIES</u>

01-74   Number of employees
75   75 or more employees
Note that this item is topcoded at 75 employees.

PEPDEMP2	2	DOES THIS PERSON USUALLY HAVE ANY PAID EMPLOYEES?	940 - 941

See location 787-788 for the allocation flag.

EDITED UNIVERSE: HRMIS = 3 or 4 and
PEIO1COW = 6 or 7

<u>VALID ENTRIES</u>

1   YES
2   NO

PTNMEMP2	2	EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE?	942 - 943

See location 789-790 for the allocation flag.

EDITED UNIVERSE: PEPDEMP1 = 1

<u>VALID ENTRIES</u>

01-09   Number of employees
10   10 or more employees
Note that this item is topcoded at 10 employees.

FILLER	7	FILLER	944 - 950

End of Basic CPS Portion of the Record

ATTACHMENT 7

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

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

VALID ENTRIES:

-9 No response
-1 Not in universe
1:16 Person' Line Number

| PENXTPR3 | 2 | Is this a Self or Proxy response? | 953-954 |

VALID ENTRIES:

-1 Not in universe
1 Self
2 Proxy
3 Abbreviated proxy path CPS respondent

| PEA1 | 2 | (Have/Has) (you/name) smoked at least 100 cigarettes in (your/his/her) entire life? | 955-956 |

  100 cigarettes = approximately 5 packs

EDITED UNIVERSE:

All persons eligible for the supplement

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEA2   3   How old (were/was)(you/name) when   957-959
(you/he/she) first started smoking
cigarettes FAIRLY REGULARLY?

Enter 0 if never smoked regularly
Enter age (1 to Age)

EDITED UNIVERSE:

PEA1 = 1

VALID ENTRIES:

-9 No response
-5 Never smoked regularly
-3 Refused
-2 Don't know
-1 Not in universe
1:99

PEA2A   3   You said that (you/name) never smoked   960-962
regularly. How old (were/was) (you/name)
the first time (you/he/she) smoked part or
all of a cigarette?

EDITED UNIVERSE:

PEA2= -5

VALID ENTRIES:

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

PRA2B1   3   In what state or country did (you/name) live   963-965
when (you/he/she) started to smoke
cigarettes fairly regularly?

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

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

VALID ENTRIES:

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

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

NAME	SIZE	DESCRIPTION	LOCATION

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

NAME	SIZE	DESCRIPTION	LOCATION

461 Zimbabwe
462 Africa, not specified
501 Australia
508 Fiji
515 New Zealand
523 Tonga
527 Samoa
528 Oceania, not specified
555 Elsewhere

PRA2C1	3	In what state or country did (you/name) live when (you/he/she) FIRST smoked part or all of a cigarette?	966-968

EDITED UNIVERSE:

PEA2= -5

VALID ENTRIES:

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

7-8

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

NAME	SIZE	DESCRIPTION	LOCATION
		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

NAME	SIZE	DESCRIPTION	LOCATION

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   969-970
cigarettes every day, some days,
or not at all?

EDITED UNIVERSE:

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

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PTB1	3	On the average, about how many cigarettes do you now smoke each day? (One pack usually equals 20 cigarettes. If converting packs to cigarettes, always verify calculation with respondent.) Top coded at 40. Weighted average topcode: see endnote[i]	971-973

EDITED UNIVERSE:

PEA3= 1 and self respondent

VALID ENTRIES:

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

| PEB1A | 2 | Would you say that, on average, you now smoke more or less than 20 cigarettes each day? | 974-975 |

EDITIED UNIVERSE:

PTB1= -9, -3 -2

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 More
2 Less
3 About 20 (ONE PACK)

| PEB2 | 2 | Do you usually smoke menthol or non-menthol cigarettes? | 976-977 |

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEA3 = 1 and self respondent

VALID ENTRIES:

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

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

EDITED UNIVERSE:

PEA3 = 1 and self respondent

VALID ENTRIES:

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

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

EDITED UNIVERSE:

PEB5ANUM = 1 - 90

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEB5B   2   Would you say you smoke your first cigarette of   982-983
the day within the first 30 minutes?

EDITED UNIVERSE:

PEB5ANUM = -9, -5, -3, -2 or PEBAUNT= -9, -3, -2

<u>VALID ENTRIES:</u>

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

PEBA6A   2   Do you USUALLY BUY your own cigarettes?   984-985

EDITED UNIVERSE:

PEA3 = 1 and self respondent

<u>VALID ENTRIES:</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

PEB6A   2

Do you USUALLY buy your cigarettes by the pack or by the carton?   986-987

EDITED UNIVERSE:

PEBA6A= 1

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Pack
2 Carton
3 Both

PTB6B   5

What price did you pay for the LAST PACK of cigarettes you bought? Please report the cost after using discounts or coupons.
(This is 4 positions with 2 implied decimals.)
Top coded: see endnote   988-992

EDITED UNIVERSE:

PEB6A = -9, -3, -2, 1, 3

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
0000:9999

PTB6C   6

What price did you pay for the LAST CARTON of cigarettes you bought? Please report the cost after using discounts or coupons.
(This is 5 positions with 2 implied decimals.)
Top coded: see endnote   993-998

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEB6A = 2

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
00000:99999

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

EDITED UNIVERSE:

PEBA6A = 1

VALID ENTRIES:

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

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

EDITED UNIVERSE:

PEBA6A = 1

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

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

EDITED UNIVERSE:

PEB6D1 = 2

<u>VALID ENTRIES:</u>

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
01 Alabama
02 Alaska
04 Arizona
05 Arkansas
06 California
08 Colorado
09 Connecticut
10 Delaware
11 District of Columbia
12 Florida
13 Georgia
15 Hawaii
16 Idaho
17 Illinois
18 Indiana
19 Iowa
20 Kansas

NAME	SIZE	DESCRIPTION	LOCATION

21 Kentucky
22 Louisiana
23 Maine
24 Maryland
25 Massachusetts
26 Michigan
27 Minnesota
28 Mississippi
29 Missouri
30 Montana
31 Nebraska
32 Nevada
33 New Hampshire
34 New Jersey
35 New Mexico
36 New York
37 North Carolina
38 North Dakota
39 Ohio
40 Oklahoma
41 Oregon
42 Pennsylvania
44 Rhode Island
45 South Carolina
46 South Dakota
47 Tennessee
048 Texas
49 Utah
50 Vermont
51 Virginia
53 Washington
54 West Virginia
55 Wisconsin
56 Wyoming
57 United States (state unknown)
88 Not in the U.S.

NAME	SIZE	DESCRIPTION	LOCATION
PEB6D3	2	Did you buy your LAST (B6A fill PACK/CARTON) of cigarettes from an Indian reservation?	1005-1006

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEB6D1 = 1 , 2

VALID ENTRIES:

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

PEB6DOTH   2   Was the Other Way in which you purchased   1007-1008
your LAST"(PACK/CARTON) of cigarettes:

EDITED UNIVERSE:

PEB6D1 = -5

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 In a foreign country or a duty-free shop
2 From an Indian reservation
3 By mail-order, phone or internet
4 Some other way (NOT READ)

PEB6E1   2   In the LAST 2 months, have you bought   1009-1010
any SINGLE or INDIVIDUAL cigarettes?

EDITED UNIVERSE:

PEA3=1 and self respondent

7-21

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEB6E31   2   Did you buy your LAST SINGLE or INDIVIDUAL   1011-1012
cigarette in (fill respondent's state of residence) or in some other
state or other country?

EDITED UNIVERSE:

PEB6E1 = 1

VALID ENTRIES:

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

PRB6E32A   3   In what OTHER state or country did you   1013-1015
buy your last SINGLE or individual cigarette?

EDITED UNIVERSE:

PEB6E31= 2,3

VALID ENTRIES:

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

7-22

NAME	SIZE	DESCRIPTION	LOCATION

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

NAME	SIZE	DESCRIPTION	LOCATION

PEB7C   2   For how long have you smoked EVERY DAY?   1016-1017

EDITED UNIVERSE:

PEA3 = 1 and self respondent

<u>VALID ENTRIES:</u>

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 All or nearly all the years you have smoked
2 Most of the years you have smoked
3 Half of the years you have smoked
4 Less than half the years you have smoked
5 LESS THAN ONE YEAR

PEB7C2   2   Have you EVER smoked MENTHOL cigarettes   1018-1019
for 6 months or more?

EDITED UNIVERSE;

PEB2 = -9, -3, -2, 2, 3

<u>VALID ENTRIES:</u>

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

PEB7C3   2   For how long (have you smoked/did you smoke) MENTHOL cigarettes?   1020-1021

EDITED UNIVERSE:

PEB2=1 or PEB7C2=1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEB8   2   Around this time 12 MONTHS AGO, were you   1022-1023
smoking cigarettes every day, some days,
or not at all?

EDITED UNIVERSE:

PEA3 = 1 and self respondent

VALID ENTRIES:

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

PTB9   3   Around this time 12 MONTHS AGO, on the   1024-1026
average, about how many cigarettes
did you smoke each day?
NOote: One pack usually equals 20 cigarettes. If
converting packs to cigarettes, always verify
calculation with respondent.
Enter number of cigarettes per day (1-99).
Top coded at 40. Weighted average topcode: see endnote

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEB8= 1

VALID ENTRIES:

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

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

EDITED UNIVERSE:

PEB8= 2

VALID ENTRIES:

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

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

EDITED UNIVERSE:

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

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEC1   2   On how many of the past 30 days did you   1032-1033
smoke cigarettes?

EDITED UNIVERSE:

PEA3 = 2 and self respondent

<u>VALID ENTRIES:</u>

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

PEC1I   2   Would you say you smoked on AT LEAST   1034-1035
12 DAYS in the past 30 days?

EDITED UNIVERSE:

PEC1 = -9, -3, -2

<u>VALID ENTRIES:</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
PTC1A	3	On the average, on those (fill entry C1) days, how many cigarettes did you usually smoke each day? Top coded at 20. Weighted average topcoded: see endnote	1036-1038

EDITED UNIVERSE:

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

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
0:99 Number of Cigarettes

| PEC2 | 2 | Do you usually smoke menthol or non-menthol cigarettes? | 1039-1040 |

EDITED UNIVERSE:

PEA3 = 2 and self respondent

VALID ENTRIES:

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

| PEC5ANUM | 2 | On the days that you smoke, how soon after you wake up do you typically smoke your first cigarette of the day? | 1041-1042 |

EDITED UNIVERSE:

PEA3 = 2 and self respondent

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEC5AUNT 2 On the days that you smoke, how soon after you wake
up do you typically smoke your first cigarette of the day?
Enter minutes or hours   1043-1044

EDITED UNIVERSE:

PEC5ANUM = 1-90

<u>VALID ENTRIES:</u>

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

PEC5B 2 On the days that you smoke, would you say you smoke
your first cigarette of the day within the first 30 minutes?   1045-1046

EDITED UNIVERSE:

PEC5ANUM= -9,-5,-3,-2 or PEC5AUNT=-9,-3,-2

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

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

EDITED UNIVERSE:

PEA3 = 2 and self respondent

<u>*VALID ENTRIES:*</u>

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

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

EDITED UNIVERSE:

PECA6A = 1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Pack
2 Carton
3 Both

PTC6B	5	What price did you pay for the LAST PACK of cigarettes you bought? Please report the cost after using discounts or coupons.	1051-1055

(This is 4 positions with 2 implied decimals)
Topcoded: see endnote

EDITED UNIVERSE:

PEC6A= -9,-3,-2,1,3

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
0000:9999

PTC6C	6	* What price did you pay for the LAST carton of cigarettes you bought? Please report the cost after using discounts or coupons.	1056-1061

(This is 5 positions with 2 implied decimals.)
Topcoded: see endnote

EDITED UNIVERSE:

PEC6A = 2

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
00000:99999

PEC6C4 2 Did you use coupons, rebates, or any other 1062-1063
special promotions when you
bought your LAST (pack/carton) of cigarettes

EDITED UNIVERSE:

PECA6A = 1

VALID ENTRIES:

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

PEC6D1 2 Did you buy your LAST (pack/carton) of cigarettes in 1064-1065
(fill respondent's state of residence) or in some other state?

EDITED UNIVERSE:

PECA6A = 1

VALID ENTRIES:

-9 No response
-5 Bought some other way (Internet, other country, Indian reservation…)
-3 Refused
-2 Don't know
-1 Not in universe
1 In respondent's state of residence
2 In some other state (including DC)

NAME	SIZE	DESCRIPTION	LOCATION
PEC6d21	2	In what other state did you buy your LAST (pack/carton) of cigarettes?	1066-1067

EDITED UNIVERSE:

PEC6D1=2

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
01 Alabama
02 Alaska
04 Arizona
05 Arkansas
06 California
08 Colorado
09 Connecticut
10 Delaware
11 District of Columbia
12 Florida
13 Georgia
15 Hawaii
16 Idaho
17 Illinois
18 Indiana
19 Iowa
20 Kansas
21 Kentucky
22 Louisiana
23 Maine
24 Maryland
25 Massachusetts
26 Michigan

NAME	SIZE	DESCRIPTION	LOCATION

27 Minnesota
28 Mississippi
29 Missouri
30 Montana
31 Nebraska
32 Nevada
33 New Hampshire
34 New Jersey
35 New Mexico
36 New York
37 North Carolina
38 North Dakota
39 Ohio
40 Oklahoma
41 Oregon
42 Pennsylvania
44 Rhode Island
45 South Carolina
46 South Dakota
47 Tennessee
48 Texas
49 Utah
50 Vermont
51 Virginia
53 Washington
54 West Virginia
55 Wisconsin
56 Wyoming
57 United States (state unknown)
88 Not in the U.S.

PEC6D3 2 Did you buy your LAST (pack/carton) of cigarettes 1068-1069
from an Indian reservation?

EDITED UNIVERSE:

PEC6D1= 1, 2

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEC6DOTH 2 Was the "Other Way" in which you purchased   1070-1071
your Last (pack/carton) of cigarettes.

EDITED UNIVERSE:

PEC6D1 = -5

VALID ENTRIES:

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

PEC6E1 2 In the LAST 2 months, have you bought   1072-1073
any SINGLE or INDIVIDUAL cigarettes?

EDITED UNIVERSE:

PEA3 = 2 and self respondent

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Yes, bought
2 No, did not buy

PEC6E31   2   Did you buy your LAST SINGLE or INDIVIDUAL cigarette in (fill respondent's state of residence) or in some other state or other country?   1074-1075

EDITED UNIVERSE:

PEC6E1 = 1

VALID ENTRIES:

-9 No resonse
-5 Bought some other way (Internet, etc)
-3 Refused
-2 Don't know
-1 Not in universe
1 In respondent's state of residence
2 In some other state (including DC)
3 In another country

PRC6E32A   3   In what OTHER state or country did you buy your last SINGLE or individual cigarette?   1076-1078

EDITED UNIVERSE:

PEC6E31= 2,3

VALID ENTRIES:

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

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
515 New Zealand
523 Tonga

NAME	SIZE	DESCRIPTION	LOCATION

527 Samoa
528 Oceania, not specified
555 Elsewhere

PEC7A   2   Have you EVER smoked cigarettes EVERY DAY   1079-1080
                          for at least 6 months?

                          EDITED UNIVERSE:

                          PEA3=2 and self respondent

                          VALID ENTRIES:

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

PEC7D   2   For how long did you smoke EVERY DAY?   1081-1082

                          EDITED UNIVERSE:

                          PEC7A = 1

                          VALID ENTRIES:

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

PEC7D2   2   Have you EVER smoked MENTHOL cigarettes   1083-1084
                          for 6 months or more?

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEC2 = -9,-3, -2, 2, 3

VALID ENTRIES:

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

PEC7D3	2	For how long [have you smoked/did you smoke] MENTHOL cigarettes?	1085-1086

EDITED UNIVERSE:

PEC2 = 1 or PEC7D2 = 1

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
 All or nearly all the years you have smoked
2 Most of the years you have smoked
3 Half of the years you have smoked
4 Less than half the years you have smoked
5 LESS THAN ONE YEAR

PTC7E	2	When you last smoked every day, on average how many cigarettes did you smoke each day?	1087-1088

Top coded at 20. Weighted average topcode: see endnote

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEC7A = 1

VALID ENTRIES:

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

PEC8 2 Around this time 12 MONTHS AGO, were you smoking 1089-1090
cigarettes every day, some days, or not at all?

EDITED UNIVERSE:

PEA3 = 2 and self respondent

VALID ENTRIES:

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

PTC9 3 Around this time 12 MONTHS AGO, on the average, 1091-1093
about how many cigarettes did you smoke each day?
 Note: One pack usually equals 20 cigarettes. If converting
packs to cigarettes, always verify calculation
with respondent.
 Enter number of cigarettes per day (1-99).
Top coded at 30. Weighted average topcode: see endnote

EDITED UNIVERSE:

PEC8 = 1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEC10A   2   Around this time 12 MONTHS AGO, on how many of the   1094-1095
30 days in the month did you smoke cigarettes?

EDITED UNIVERSE:

PEC8 = 2

VALID ENTRIES:

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

PTC10B   3   On the average, on those (Fill entry C10a), how many   1096-1098
cigarettes did you usually smoke each day?
(FR Note: We are still talking about around this time
12 months ago.)
Top coded at 15. Weighted average topcode: see endnote

EDITED UNIVERSE:

PEC10A = -9, -3, -2, 1-30

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEDA   2   During the PAST 12 MONTHS, have you TRIED   1099-1100
to QUIT smoking COMPLETELY?

EDITED UNIVERSE:

PEC1I = -9, -3, -2, 2 or PEC1<12

VALID ENTRIES:

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

PEDB   2   Have you EVER TRIED to QUIT smoking   1101-1102
COMPLETELY?

EDITED UNIVERSE:

PEDA= -9, -3, -2, 2

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PED1R	2	During the past 12 months, have you stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?	1103-1104

EDITED UNIVERSE:

PEA3 = 1 and (PEA3 = 1 or PEC1 => 12 or PEC1I = 1)

<u>VALID ENTRIES:</u>

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

| PED3 | 2 | How many TIMES during the past 12 months have you stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING? | 1105-1106 |

EDITED UNIVERSE:

PED1R = 1

<u>VALID ENTRIES:</u>

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Once (1 time)
2 2-3 times
3 4 or more times

| PED3B | 2 | Would you say that during the past 12 months it was MORE THAN 3 TIMES that you you have stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING? | 1107-1108 |

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

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

VALID ENTRIES:

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

PED6NUM   2   During the PAST 12 MONTHS, what is the length   1109-1110
of time of this single quit attempt where you
stopped smoking because you were TRYING
to quit smoking?
(FR Note: If quit attempt began more than 12 months ago BUT
ended within the past 12 months, count all of it.)

EDITED UNIVERSE:

PED3 = 1

VALID ENTRIES:

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

PED6UNT   2   During the PAST 12 MONTHS, what is the length   1111-1112
of time of this single quit attempt where you
stopped smoking because you were TRYING
to quit smoking? Enter unit reported: days,
weeks, months, years

EDITED UNIVERSE:

PED6NUM = 1-99

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

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

EDITED UNIVERSE:

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

<u>VALID ENTRIES:</u>

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

PED6CNUM   2   Thinking of those attempts during the past 12   1115-1116
months, what was the length of time of the ONE
attempt that lasted the longest?
(FR NOTE: If quit attempt began more than 12
months ago but ended within the past 12 months,
count all of it.)

EDITED UNIVERSE:

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PED6CUNT   2   Thinking of those attempts during the past 12 months, what was the length of time of the ONE attempt that lasted the longest? Enter unit reported: days weeks, months, years   1117-1118

EDITED UNIVERSE:

PED6CNUM = 1 - 99

VALID ENTRIES:

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

PED6C2   2   Was it more or less than one week?   1119-1120

EDITED UNIVERSE:

PED6CNUM = -9, -3, -2 or PED6CUNT = -9, -3, -2

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PED7R   2   DURING THE PAST 12 MONTHS, have you made a   1121-1122
serious attempt to stop smoking because you
were TRYING to quit - even if you stopped for
less than a day?

EDITED UNIVERSE:

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

VALID ENTRIES:

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

PED8R   2   Have you EVER made a serious attempt to stop   1123-1124
smoking because you were "TRYING to quit"; even
if you stopped for less than a day?

EDITED UNIVERSE:

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEE1B1   2   Thinking back to the (LAST TIME/TIME) you tried to QUIT smoking in   1125-1126

A telephone help line or quit line?

EDITED UNIVERSE:

PEDA = 1 or PED1R = 1 or PED7R = 1

VALID ENTRIES:

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

PEE1B5   2   Thinking back to the (LAST TIME/TIME) you tried to QUIT smoking in   1127-1128
the past 12 months: Did you use ANY of the following:
Internet or web based program or tool?
(FR NOTE: If asked, Internet or web-based program or"
tool includes any apps smartphones or other devices.")

EDITED UNIVERSE:

PEE1B1 = -9, -3, -2, 1, 2

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEE1C2   2   The (LAST TIME/TIME) you tried to QUIT smoking in   1129-1130
                        the past 12 months: Did you do ANY of the following:
                        Try to quit by SWITCHING to smokeless tobacco such as
                        chewing tobacco, snuff or snus?
                         Snus is pronounced as snoose, rhymes with goose.
                         For this question, re-read stem periodically.

EDITED UNIVERSE:

PEE1B1 = -9, -3, -2, 1, 2

<u>VALID ENTRIES:</u>

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

PEE1C2B   2   The (LAST TIME/TIME) you tried to QUIT smoking in   1131-1132
                        the past 12 months: Did you do ANY of the following:
                        Try to quit by SWITCHING to regular cigars, cigarillos,
                        little filtered cigars or any pipes filled with tobacco?
                        (FR NOTE: If asked any pipes filled with tobacco" includes"
                        either or both regular/traditional" pipes and "water or
                        hookah" pipes - as long as they are filled with tobacco.)

EDITED UNIVERSE:

PEE1C2 = -9, -3, -2, 1, 2

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEE1C2C   2   The (LAST TIME/TIME) you tried to QUIT smoking in   1133-1134
the past 12 months: Did you do ANY of the following:
Try to quit by SWITCHING to electronic or E-cigarettes?

EDITED UNIVERSE:

PEE1C2B = -9, -3, -2, 2

VALID ENTRIES:

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

PEE1C2D1   2   Did you switch to?   1135-1136
Cigars, cigarillos, little filtered cigars.

EDITED UNIVERSE:

PEE1C2B = 1

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEE1C2D2   2   Did you switch to?   1137-1138

Regular pipes filled with tobacco.

EDITED UNIVERSE:

PEE1C2B = 1

VALID ENTRIES:

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

PEE1C2D3   2   Did you switch to?   1139-1140

Water or hookah (pronounced who-kah) pipes
filled with tobacco.

EDITED UNIVERSE:

PEE1C2B = 1

VALID ENTRIES:

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

PEE1CZ2C   2   The (LAST TIME/TIME) you tried to quit smoking in the past 12 months,   1141-1142

did you try to quit by SWITCHING to electronic or E-Cigarettes? You
may also know them as vape-pens, hookah-pens, E-hookahs,
E-vaporizers, E-Cigars, or E-Pipes.

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEE1C2B = 1

VALID ENTRIES:

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

PEF1A 2 In the PAST 12 MONTHS have you SEEN a medical 1143-1144
doctor?
 FR NOTE: Respondents should answer YES" if they
visited their" doctor for any medical reason
(not only for smoking related reasons).

EDITED UNIVERSE:

PEA3 = 1, 2 and self respondent

VALID ENTRIES:

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

PEF1B 2 During the PAST 12 MONTHS, did any medical doctor 1145-1146
ADVISE you to stop smoking?

EDITED UNIVERSE:

PEF1A = 1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEG1   2   Are you seriously considering quitting smoking   1147-1148
within the next 6 months?

EDITED UNIVERSE:

PEA3 = 1, 2 and self respondent

VALID ENTRIES:

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

PEG2   2   Are you planning to quit within the next 30 days?   1149-1150

EDITED UNIVERSE:

PEG1 = 1

VALID ENTRIES:

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

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?

1151-1152

EDITED UNIVERSE:

PEG1 = -9, -3, -2, 2 or PEG2 = -9, -3, -2, 1, 2

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1:10 Number

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?

1153-1154

EDITED UNIVERSE:

PEG3 = -9, -3, -2, 2-10

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Not at all
2 A little likely
3 Somewhat likely
4 Very likely

PEH1NUM   2

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

1155-1156

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEA3 = 3 and self respondent

VALID ENTRIES:

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

PEH1UNT　　2　　About how long has it been since you　　1157-1158
COMPLETELY quit smoking cigarettes?
Enter Unit Reported.

EDITED UNIVERSE:

PEH1NUM = 1-99

VALID ENTRIES:

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

PEH1B　　2　　In the PAST 12 months, was H1 the longest time　　1159-1160
you stopped smoking cigarettes because you
were trying to quit?

EDITED UNIVERSE:

H1 less than 5 months.

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH1CNUM   2   During the PAST 12 MONTHS, what WAS the   1161-1162
LONGEST length of time you stopped smoking because
you were TRYING to quit smoking",,,,,

EDITED UNIVERSE:

PEH1B = 2

VALID ENTRIES:

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

PEH1CUNT   2   During the PAST 12 MONTHS, what WAS the   1163-1164
LONGEST length of time you stopped smoking because
you were TRYING to quit smoking",,,,,
Enter Unit Reported

EDITED UNIVERSE:

PEH1CNUM = 1-99

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

-1 Not in universe
1 Days
2 Weeks
3 Months
4 Years

PEH2   2   Have you EVER smoked cigarettes EVERY   1165-1166
                         DAY for at least 6 months?

                         EDITED UNIVERSE:

                         PEA3 = 3 and self respondent

                         VALID ENTRIES:

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

PEH5   2   For how long did you smoke EVERY DAY?   1167-1168

                         EDITED UNIVERSE:

                         PEH2 = 1

                         VALID ENTRIES:

                         -9 No response
                         -3 Refused
                         -2 Don't know
                         -1 Not in universe
                         1 All or nearly all the years you have smoked
                         2 Most of the years you have smoked
                         3 Half of the years you have smoked
                         4 Less than half the years you have smoked
                         5 Less than one year (If volunteered)

NAME	SIZE	DESCRIPTION	LOCATION

PTH5A   2   When you last smoked every day, on average   1169-1170
how many cigarettes did you smoke each day?
Top coded at 50. Weighted average topcode: see endnote

EDITED UNIVERSE:

PEH2 = 1

<u>VALID ENTRIES:</u>

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1:97 Number of Cigarettes

PEH6   2   Around this time 12 MONTHS AGO, were you   1171-1172
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 = -9, -3, -2, 2 and PEH1NUM<=1and PEH1UNT=4)

<u>VALID ENTRIES:</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

PTH6A   2   Around this time 12 MONTHS AGO, on the average,   1173-1174
about how many cigarettes did you smoke each day?
(Note: One pack usually equals 20 Cigarettes. If converting packs
to cigarettes, always verify calculation with respondent.)
Enter Number of Cigarettes Per Day (1-99)
Top code at 40. Weighted average topcode: see endnote

EDITED UNIVERSE

PEH6 = 1

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1:97 Number of Cigarettes

PEH6B   2   Around this time 12 MONTHS AGO, on how many   1175-1176
of 30 days in the month did you smoke cigarettes?

EDITED UNIVERSE

PEH6 = 2

VALID ENTRIES:

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

PTH6C   2   On the average, on those (Fill PEH6B enrty) , how many   1177-1178
cigarettes did you usually smoke each day?
Top code at 20. Weighted average topcode: see endnote

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE

PEH6B = -9, -3, -2, 1-30

<u>VALID ENTRIES:</u>

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

PEH6C2 2 We are still talking about Around this time 12 months ago"" 1179-1180
Thinking back to the 12 MONTHS BEFORE YOU
QUIT SMOKING CIGARETTES, during that time,
did you usually smoke menthol or non-menthol cigarettes?

EDITED UNIVERSE:

(PEH1UNT=1 and PEH1NUM<=97) or
(PEH1UNT=2 and PEH1NUM<=97) or
(PEH1UNT=3 and PEH1NUM<=36) or
(PEH1UNT=4 and PEH1NUM<=3) or

<u>VALID ENTRIES:</u>

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

PEH6C4 2 Have you EVER smoked MENTHOL cigarettes 1181-1182
for 6 months or more?

EDITED UNIVERSE:

PEH6C21 = -9, -3, -2, 2, 3

VALID ENTRIES:

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

PEH6C5   2   For how long did you smoke MENTHOL cigarettes?   1183-1184

EDITED UNIVERSE:

PEH6C2 =1 or PEH6C4 = 1

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 All or nearly all the years you have smoked
2 Most of the years you have smoked
3 Half of the years you have smoked
4 Less than half the years you have smoked
5 Less than one year (if volunteered)

PEH6E1   2   Now I would like to ask you about HOW you went about   1185-1186
completely quitting smoking. When you quit smoking
completely, did you use ANY of the following:
A telephone help line or quit line?

EDITED UNIVERSE:

PEH1NUM AND PEH1UNT LESS THAN OR EQUAL TO 3 Years (36 months, 97
weeks or 97 days)

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEH6E5   2   When you quit smoking completely, did you use   1187-1188
ANY of the following:
The Internet or a web-based program or tool?
(FR NOTE: If asked, The internet or web-based
"program or tool" includes any APPS,
Smartphones, or other related devices.)

EDITED UNIVERSE:

PEH6E1 = -9, -3, -2, 1, 2

<u>VALID ENTRIES:</u>

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

PEH6FA2   2   When you quit smoking completely, did you do ANY   1189-1190
of the following, whether or not you think they
were effective?
Try to quit by SWITCHING to smokeless tobacco such as
chewing tobacco, snuff, or snus?

EDITED UNIVERSE:

PEH6E5 = -9, -3, -2, 1, 2

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

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

EDITED UNIVERSE:

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

<u>VALID ENTRIES:</u>

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

PEH6FA2C   2   When you quit smoking completely, did you do ANY   1193-1194
of the following whether or not you think they
were effective?
Try to quit by SWITCHING to electronic or E-cigarettes?

EDITED UNIVERSE:

PEH6GA2B = -9,-3,-2 2

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH6FA2D1   2   Did you switch to?   1195-1196
Cigars, cigarillos, little filtered cigars

EDITED UNIVERSE:

PEH6FA2B = 1

VALID ENTRIES:

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

PEH6FA2D2   2   Did you switch to?   1197-1198
Regular pipes filled with tobacco.

EDITED UNIVERSE:

PEH6FA2B = 1

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEH6FA2D3   2   Did you switch to?   1199-1200
Water or hookah pipes filled with tobacco.

EDITED UNIVERSE:

PEH6FA2B = 1

VALID ENTRIES:

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

PEH6FAZ2C   2   When you quit smoking completely, did you try to quit   1201-1202
by SWITCHING to electronic or E-cigarettes?

EDITED UNIVERSE:

PEH6FA2B = 1

VALID ENTRIES:

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

PEH61A   2   In the 12 MONTHS BEFORE you COMPLETELY   1203-1204
quit smoking, did you SEE a medical doctor?

EDITED UNIVERSE:

PEHFA2B = -9, -3, -2, 1, 2

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEH61B   2   During the 12 MONTHS BEFORE you completely quit   1205-1206
smoking, did any medical doctor ADVISE you to
stop smoking?

EDITED UNIVERSE:

PEH61A = 1

<u>VALID ENTRIES:</u>

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

PEH8ANUM   2   During the 12 MONTHS before you quit smoking,   1207-1208
how soon after you woke up did you typically smoke
your first cigarette of the day?

EDITED UNIVERSE:

PEH61A = -9, -3, -2, 1 2

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH8AUNT	2	During the 12 MONTHS before you quit smoking, how soon after you woke up did you typically smoke your first cigarette of the day? Enter unit reported	1209-1210

EDITED UNIVERSE:

PEH8ANUM = 1-90

VALID ENTRIES:

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

PEH8B	2	During the 12 months before you quit smoking, would you say you smoked your first cigarette of the day within the first 30 minutes of awakening?	1211-1212

EDITED UNIVERSE:

PEH8ANUM = -9, -5, -3, -2

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEH11A   2   Thinking back to the 12 MONTHS BEFORE YOU   1213-1214
COMPLETELY QUIT SMOKING CIGARETTES. During
that time, DID YOU USUALLY SMOKE menthol or
non-menthol cigarettes?

EDITED UNIVERSE:

PEH1NUM AND PEH1UNT GREATER THAN 3 Years or 36 Months

<u>VALID ENTRIES:</u>

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

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

EDITED UNIVERSE:

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEH11D   2   For how long did you smoke MENTHOL cigarettes?   1217-1218

EDITED UNIVERSE:

PEH11A = 1 or PEH11C = 1

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 All or nearly all the years you have smoked
2 Most of the years you have smoked
3 Half of the years you have smoked
4 Less than half the years you have smoked
5 Less than one year (if volunteered)

PEJ1A1   2   (Have/Has) (you/name) EVER used any of the following EVEN ONE TIME?   1219-1220
… A regular cigar or cigarillo OR a little filtered cigar?

EDITED UNIVERSE:

All person eligible for the supplement

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEJ1A2   2   (Have/Has)(you/name) EVER used any of the following EVEN ONE TIME?   1221-1222
... A regular pipe filled with tobacco?

EDITED UNIVERSE:

PEJ1A1 = -9, -3, -2, 1, 2

<u>VALID ENTRIES:</u>

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

PEJ1A3   2   (Have/Has)(you/name) EVER used any of the following EVEN ONE TIME?   1223-1224
... a water pipe or hookah (who-kah) pipe filled with tobacco?

EDITED UNIVERSE:

PEJ1A2 = -9, -3, -2, 1, 2

<u>VALID ENTRIES:</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

PEJ1A3_5   2   The next question is about electronic or e-cigarettes.   1225-1226
(Have/Has)(you/name) EVER used E-cigarettes EVEN ONE TIME?

EDITED UNIVERSE:

PEJ1A3 = -9, -3, -2, 1, 2

VALID ENTRIES:

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

PEJ1A4   2   The next question is about smokeless tobacco products   1227-1228
which are used in the mouth. (Have/Has)(you/name) EVER used any of the
following EVER ONE TIME?
… Smokeless tobacco, such as moist snuff, dip, spit,
chew tobacco or snus?

EDITED UNIVERSE:

PEJ1A3_5 = -9, -3, -2, 1, 2

VALID ENTRIES:

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

PEJ1A5   2   The next question is about another type of tobacco called   1229-1230
dissolvable tobacco. You don't smoke dissolvable tobacco
products -- they are made of finely ground tobacco, often
flavored, that dissolves in your mouth.
(HAVE/HAS)(you/name) EVER used dissolvable tobacco
EVEN ONE TIME?

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEJ1A4 = -9, -3, -2, 1, 2

VALID ENTRIES:

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

PEJ2A1   2   (Do you /Does name) NOW smoke regular cigars or cigarillos or little filtered cigars   1231-1232
every day, some days or not at all?

EDITED UNIVERSE:

PEJ1A1 = 1

VALID ENTRIES:

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

PEJ2B1   2   On how many of the past 30 days did you smoke regular   1233-1234
cigars or cigarillos or little filtered cigars?

EDITED UNIVERSE:

PEJ1A1 = 2 and self respondent

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEJ2A2   2   (Do you /Does name) NOW smoke a regular pipe every day, some days   1235-1236
                           or not at all?

EDITED UNIVERSE:

PEJ1A2 = 1

VALID ENTRIES:

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

PEJ2B2   2   On how many of the past 30 days did you smoke a   1237-1238
                           regular pipe?

EDITED UNIVERSE:

PEJ1A2 = 2 and self respondent

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEJ2A3   2   (Do you /Does name) NOW use a water pipe or hookah pipe filled with tobacco every day, some days or not at all?   1239-1240

EDITED UNIVERSE:

PEJ1A3= 1

<u>VALID ENTRIES:</u>

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

PEJ2B3   2   On how many of the past 30 days did you use a water pipe or hookah pipe filled with tobacco?   1241-1242

EDITED UNIVERSE:

PEJ1A3 = 2 and self respondent

<u>VALID ENTRIES:</u>

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

PEJ2A3_5   2   (Do you /Does name) NOW use an E-cigarette every day, some days or not at all?   1243-1244

EDITED UNIVERSE:

PEJ1A3_5 = 1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEJ2B3_5 2 On how many of the past 30 days did you use an 1245-1246
E-cigarette?

EDITED UNIVERSE:

PEJ1A3_5 = 2 and self respondent

VALID ENTRIES:

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

PEJ2A4 2 (Do you /Does name) NOW use smokeless tobacco such as moist snuff, 1247-1248
dip, spit, chew tobacco or snus every day, some days or not at all?

EDITED UNIVERSE:

PEJ1A4 = 1

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEJ2B4   2   On how many of the past 30 days did you use smokeless   1249-1250
tobacco?

EDITED UNIVERSE:

PEJ1A4 = 2 and self respondent

<u>VALID ENTRIES:</u>

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

PEJ2A5   2   (Do you /Does name) NOW use dissolvable tobacco every day,   1251-1252
some days or not at all?

EDITED UNIVERSE:

PEJ1A5 = 1

<u>VALID ENTRIES:</u>

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

PEJ2B5   2   On how many of the past 30 days did you use dissolvable   1253-1254
tobacco?
EDITED UNIVERSE:

PEJ1A5 = 2 and self respondent

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

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

EDITED UNIVERSE:

PEJ2A4 = 1 or 2 and self respondent

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Beechnut
2 Camel Snus
3 Cope
4 Copenhagen
5 General Snus
6 Grizzly
7 Husky
8 Kayak
9 Kodiak
10 Levi Garrett
11 Longhorn
12 Marlboro Snus
13 Red Man
14 Red Man Golden Blend
15 Red Seal
16 Skoal

NAME	SIZE	DESCRIPTION	LOCATION

17 Skoal Snus
18 Skoal X-tra
19 Stoker's
20 Timber Wolf
21 Other

PEJB 2 During the PAST 30 days, what type of CIGAR did you use MOST OFTEN? 1257-1258

EDITED UNIVERSE:

PEJ2A1 = 1 or 2 and self respondent

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Regular
2 Cigarillos
3 Little filtered cigarettes

PEJC 2 During the PAST 30 days, what BRAND of CIGAR did you smoke MOST OFTEN? 1259-1260

EDITED UNIVERSE:

PEJB = -9, -3, -2, 1, 2

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 305'S
2 Al Capone
3 Antonio Y Cleopatra
4 Backwoods

5 Black and Milds
6 Cheyenne
7 Djarum
8 Dutch Masters
9 Garcia Y Vega
10 Good Times
11 Hav-A-Tampa
12 Phillies
13 Prime Time
14 Sante Fe
15 Smoker's Choice
16 Swisher Sweets
17 White Cat
18 White Owl
19 Zig Zag
20 Other

PEJNFLVIN	2	Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors.	1261-1262

VALID ENTRIES:

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

PEJNFLVR1	2	Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors. When you smoke a cigar is it usually flavored?	1263-1264

EDITED UNIVERSE:

PEJ2A1 = 1, 2 and self respondent

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEJNFLVR2   2   Some tobacco products come in flavors such as   1265-1266
menthol or mint, clove, spice, fruit, chocolate, alcohol,
or other flavors.
When you smoke a regular pipe filled with tobacco
is it usually flavored?

EDITED UNIVERSE:

PEJ2A2 = 1, 2 and self respondent

<u>VALID ENTRIES:</u>

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

PEJNFLVR3   2   Some tobacco products come in flavors such as   1267-1268
menthol or mint, clove, spice, fruit, chocolate, alcohol,
or other flavors.
When you smoke a water/hookah pipe filled with tobacco
is it usually flavored?

EDITED UNIVERSE:

PEJ2A3 = 1, 2 and self respondent

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEJNFLV35 2 Some tobacco products come in flavors such as 1269-1270
menthol or mint, clove, spice, fruit, chocolate, alcohol,
or other flavors.
When you use an E-cigarette is it usually flavored?

EDITED UNIVERSE:

PEJ2A3_5 = 1, 2 and self respondent

VALID ENTRIES:

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

PEJNFLVR4 2 Some tobacco products come in flavors such as 1271-1272
menthol or mint, clove, spice, fruit, chocolate, alcohol,
or other flavors.
When you use smokeless tobacco is it usually flavored?

EDITED UNIVERSE:

PEJ2A4 = 1, 2 and self response

VALID ENTRIES:

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

-1 Not in universe
1 Yes
2 No

PEJNFLVR5   2   Some tobacco products come in flavors such as   1273-1274
menthol or mint, clove, spice, fruit, chocolate, alcohol,
or other flavors.
When you use dissolvable tobacco is it usually flavored?

EDITED UNIVERSE:

PEJ2A5 = 1, 2 and self response

VALID ENTRIES:

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

PEJECIGRA   2   The next questions are about the reasons people   1275-1276
use E-cigarettes. Please select which reasons apply to you.
a. I can use E-cigarettes at times when or in places
where smoking cigarettes isn't allowed.

EDITED UNIVERSE:

PEJ2A3_5 = 1, 2 and self response

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEJECIGRB	2	The next questions are about the reasons people	1277-1278

The next questions are about the reasons people
use E-cigarettes. Please select which reasons apply to you.
b. They might be less harmful to me than cigarettes

EDITED UNIVERSE:

PEJ2A3_5 = 1, 2 and self response

VALID ENTRIES:

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

| PEJECIGRC | 2 | The next questions are about the reasons people | 1279-1280 |

The next questions are about the reasons people
use E-cigarettes. Please select which reasons apply to you.
c. They might be less harmful to people around me than cigarettes.

EDITED UNIVERSE:

PEJ2A3_5 = 1, 2 and self response

VALID ENTRIES:

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

| PEJECIGRD | 2 | The next questions are about the reasons people | 1281-1282 |

The next questions are about the reasons people
use E-cigarettes. Please select which reasons apply to you .
d. Using E-cigarettes helps people to quit smoking cigarettes.

EDITED UNIVERSE:

PEJ2A3_5 = 1, 2 and self response

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

PEJD11   2   About how long has it been since you COMPLETELY   1283-1284
quit smoking cigars, cigarillos or little filter cigars?

EDITED UNIVERSE:

PEJ2A1=3 and self response

VALID ENTRIES:

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

PEJD21   2   About how long has it been since you COMPLETELY   1285-1286
quit smoking cigars, cigarillos or little filter cigars?
Enter units: days, weeks, months, years

EDITED UNIVERSE:

PEJD11 = 1 - 97

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

1 Days
2 Weeks
3 Months
4 Years

PEJD12   2   About how long has it been since you COMPLETELY   1287-1288
quit smoking a regular pipe filled with tobacco?

EDITED UNIVERSE:

PEJ2A2=3 and self response

VALID ENTRIES:

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

PEJD22   2   Enter units: days, weeks, months, years Enter units: days, weeks, months, years   1289-1290
quit smoking a regular pipe filled with tobacco?
Enter units: days, weeks, months, years

EDITED UNIVERSE:

PEJD12 = 1 - 97

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

PEJD13   2   About how long has it been since you COMPLETELY   1291-1292
quit smoking a water pipe or hookah pipe filled with tobacco?

EDITED UNIVERSE:

PEJ2A3=3 and self response

<u>VALID ENTRIES:</u>

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

PEJD23   2   About how long has it been since you COMPLETELY   1293-1294
quit smoking a water pipe or hookah pipe filled with tobacco?
Enter units: days, weeks, months, years

EDITED UNIVERSE:

PEJD13 = 1 - 97

<u>VALID ENTRIES:</u>

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

PEJD13_5   2   About how long has it been since you COMPLETELY   1295-1296
quit using E-cigarettes?

EDITED UNIVERSE:

PEJ2A3_5=3 and self response

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

PEJD23_5   2   About how long has it been since you COMPLETELY   1297-1298
quit using E-cigarettes?
Enter units: days, weeks, months, years

EDITED UNIVERSE:

PEJD13_5 = 1 - 97

<u>VALID ENTRIES:</u>

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

PEJD14   2   About how long has it been since you COMPLETELY   1299-1300
quit using a smokeless tobacco?

EDITED UNIVERSE:

PEJ2A4=3 and self response

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

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

EDITED UNIVERSE:

PEJD14 = 1 - 97

VALID ENTRIES:

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

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

EDITED UNIVERSE:

PEJ2A5=3 and self response

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

-1 Not in universe
1:97
99 only used once or twice

PEJD25   2   About how long has it been since you COMPLETELY   1305-1306
quit using a dissolvable tobacco?
Enter units: days, weeks, months, years

EDITED UNIVERSE:

PEJD15 = 1 - 97

VALID ENTRIES:

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

PEJD31   2   In total, how many years (have you smoked/did you smoke)   1307-1308
cigars or cigarillos or little filtered cigars?

EDITED UNIVERSE:

PEJ1A1 = 1 and PEJ2A1 = 1, 2, 3 and self response

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
0 Only used once or twice or Less than one year
1:97

NAME	SIZE	DESCRIPTION	LOCATION

PEJD32   2   In total, how many years (have you smoked/did you smoke)   1309-1310
a regular pipe filled with tobacco?

EDITED UNIVERSE:

PEJ1A2 = 1 and PEJ2A2 = 1, 2, 3 and self response

<u>VALID ENTRIES:</u>

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
0 Only used once or twice or Less than one year
1:97

PEJD33   2   In total, how many years (have you smoked/did you smoke)   1311-1312
a water pipe or hookah pipe filled with tobacco?

EDITED UNIVERSE:

PEJ1A3 = 1 and PEJ2A3 = 1, 2, 3 and self response

<u>VALID ENTRIES:</u>

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
0 Only used once or twice or Less than one year
1:97

PEJD33_5   2   In total, how many years (have you used/did you use)   1313-1314
an E-cigarette?

EDITED UNIVERSE:

PEJ1A3_5 = 1 and PEJ2A3_5 = 1, 2, 3 and self response

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
0 Only used once or twice or Less than one year
1:97

PEJD34   2   In total, how many years (have you used/did you use)   1315-1316
smokeless tobacco?

EDITED UNIVERSE:

PEJ1A4 = 1 and PEJ2A4 = 1, 2, 3 and self response

<u>VALID ENTRIES:</u>

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
0 Only used once or twice or Less than one year
1:97

PEJD35   2   In total, how many years (have you used/did you use)_f4   1317-1318
dissolvable tobacco?

EDITED UNIVERSE:

PEJ1A5 = 1 and PEJ2A5 = 1, 2, 3 and self response

<u>VALID ENTRIES:</u>

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
0 Only used once or twice or Less than one year
1:97

NAME	SIZE	DESCRIPTION	LOCATION

PEJFECGRA   2   The next questions are about the reasons people   1319-1320
use E-cigarettes. Please select which reasons applied
to you when you used to use E-cigarettes.
I could use E-cigarettes at times when or in places
where smoking cigarettes wasn't allowed.

EDITED UNIVERSE:

PEJ2A3_5 = 3 and self response

VALID ENTRIES:

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

PEJFECGRB   2   The next questions are about the reasons people   1321-1322
use E-cigarettes. Please select which reasons applied
to you when you used to use E-cigarettes.
They might have been less harmful to me than cigarettes

EDITED UNIVERSE:

PEJ2A3_5 = 3 and self response

VALID ENTRIES:

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

PEJFECGRC   2   The next questions are about the reasons people   1323-1324
use E-cigarettes. Please select which reasons applied
to you when you used to use E-cigarettes.
They might be less harmful to people around me than cigarettes.

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEJ2A3_5 = 3 and self response

VALID ENTRIES:

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

PEJFECGRD   2   The next questions are about the reasons people   1325-1326
use E-cigarettes. Please select which reasons applied to
you when you used to use E-cigarettes.
Using E-cigarettes helps people to quit smoking cigarettes.

EDITED UNIVERSE:

PEJ2A3_5 = 3 and self response

VALID ENTRIES:

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

PEJ3A1   2   How soon after you wake up do you typically   1327-1328
(fill text from PRJ3A1F recode)?

EDITED UNIVERSE:

self response and (PEJ2A1 = 1, 2 or PEJ2A2 = 1, 2 or PEJ2A3 = 1, 2 or PEJ2A3_5
= 1, 2
or PEJ2A4 = 1, 2 or PEJ2A5 = 1, 2)

VALID ENTRIES:

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

PEJ3A2   2   How soon after you wake up do you typically   1329-1330
(fill text from PRJ3A1F recode)?
Enter minutes or hours

EDITED UNIVERSE:

PEJ3A1 = 1 - 90

VALID ENTRIES:

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

PEJ3D   2   Would you say you first (fill text from PRJ3DF   1331-1332
within the first 30 minutes of
awakening?

EDITED UNIVERSE:

PEJ3A1 = -9, -5, -3, -2 or PEJ3A2 = -9, -3, -2

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

1 Yes
2 No
3 Varies

PEJ3F1	2	In the 12 months BEFORE YOU COMPLETELY QUIT (fill text from PRJ3F1F recode), how soon after you woke up did you typically (fill Txt from PRJ3F1F recode)?	1333-1334

EDITED UNIVERSE:

See box 39 of questionnaire

VALID ENTRIES:

-9 No response
-8 Not applicable due to instrument error
-5 Varies
-3 Refused
-2 Don't know
-1 Not in universe
1:90

PEJ3F2	2	In the 12 months BEFORE YOU COMPLETELY QUIT (fill text from PRJ3F1F recode), how soon after you woke up did you typically (fill Txt from PRJ3F1F recode)? Enter minutes or hours	1335-1336

EDITED UNIVERSE:

PEJ3F1 = 1 - 90

VALID ENTRIES:

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

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

-1 Not in universe
1 Minutes
2 Hours

PEJ3G   2   Would you say you first used (fill text from   1337-1338
PRJ3GF recode) within the first 30 minutes
of awakening?

EDITED UNIVERSE:

PEJ3F1 = -9, -5, -3, -2 or PEJ3F2 = -9, -3, -2

<u>VALID ENTRIES:</u>

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

PEJ4   2   During the PAST 12 MONTHS, have you ^J4_f for   1339-1340
stopped (fill text from PRJ4F recode) for one
day or longer BECAUSE YOU WERE TRYING TO QUIT?

EDITED UNIVERSE:

Self respondent and (PEA1=2 or PEA3 = -9, -3, -2, 3) and only one of the following:
  #1 PEJ2A1=1 or (PEJ2A1 = 1 and PEJ2B1 = or > 12)
  #2 PEJ2A2=1 or (PEJ2A2 = 1 and PEJ2B2 = or > 12)
  #3 PEJ2A3=1 or (PEJ2A3 = 1 and PEJ2B3 = or > 12)
  #4 PEJ2A3_5=1 or (PEJ2A3_5 = 1 and PEJ2B3_5 = or > 12)
  #5 PEJ2A4=1 or (PEJ2A4 = 1 and PEJ2B4 = or > 12)
  #6 PEJ2A5=1 or (PEJ2A5 = 1 and PEJ2B5 = or > 12)

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

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

                 EDITED UNIVERSE:

                 PEJ4 = 1

                 <u>VALID ENTRIES:</u>

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

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

                 EDITED UNIVERSE:

                 PEJ6BNUM = 1 - 99

                 <u>VALID ENTRIES:</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

-1 Not in universe
1 Days
2 Weeks
3 Months

PEJ7B1   2   (Thinking back about the last time you tried to quit (fill text from PRJ7B1F)   1345-1346
in the past 12 months/Now I would like to ask about HOW you went
about completely quitting (fill text from PRJ7B1F). When you COMPLETELY
quit (fill text from PRJ7B1F), did you use:
A telephone help line or quit line?

 EDITED UNIVERSE:

PEJ3F1 = -9, -5, -3, -2, 1-90 or PEJ4 = 1

<u>VALID ENTRIES:</u>

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

PEJ7B5   2   (Thinking back about the last time you tried to quit (fill text from PRJ7B1F)   1347-1348
in the past 12 months/Now I would like to ask about HOW you went
about completely quitting (fill text from PRJ7B1F). When you COMPLETELY
quit (fill text from PRJ7B1F), did you use:
The internet or a web-based program?

 EDITED UNIVERSE:

PEJ7B1 = -9, -3, -2, 1, 2

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES:</u>

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

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

EDITED UNIVERSE:

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

<u>VALID ENTRIES:</u>

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Indoors
2 Outdoors
3 About exually indoors and outdoors
4 Works mainly indoors in a non-traditional
 environment such as warehouse or other
 similar large semi-structured area
5 Mainly travel around to different clients or
   sites or mainly in a motor
 vehicle/bus/train/boat/airplane/underground
   in a min, etc.
6 varies

NAME	SIZE	DESCRIPTION	LOCATION
PEK1B	2	Do you mainly work in an office building, in your own home, in someone else's home, or in another indoor place?	1351-1352

EDITED UNIVERSE:

PEK1A = 1

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Office building
2 Own home
3 Someone else's home
4 Another indoor place

NAME	SIZE	DESCRIPTION	LOCATION
PEK1b11	2	In which State (including DC), do you work?	1353-1354

EDITED UNIVERSE:

PUK1A=4 or PUK1B=-9, -3, -2, 1,4

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
01 Alabama
02 Alaska
04 Arizona
05 Arkansas
06 California
08 Colorado
09 Connecticut
10 Delaware
11 District of Columbia
12 Florida

NAME	SIZE	DESCRIPTION	LOCATION
		13 Georgia	
		15 Hawaii	
		16 Idaho	
		17 Illinois	
		18 Indiana	
		19 Iowa	
		20 Kansas	
		21 Kentucky	
		22 Louisiana	
		23 Maine	
		24 Maryland	
		25 Massachusetts	
		26 Michigan	
		27 Minnesota	
		28 Mississippi	
		29 Missouri	
		30 Montana	
		31 Nebraska	
		32 Nevada	
		33 New Hampshire	
		34 New Jersey	
		35 New Mexico	
		36 New York	
		37 North Carolina	
		38 North Dakota	
		39 Ohio	
		40 Oklahoma	
		41 Oregon	
		42 Pennsylvania	
		44 Rhode Island	
		45 South Carolina	
		46 South Dakota	
		47 Tennessee	
		48 Texas	
		49 Utah	
		50 Vermont	
		51 Virginia	
		53 Washington	

NAME	SIZE	DESCRIPTION	LOCATION

54 West Virginia
55 Wisconsin
56 Wyoming
57 United States (state unknown)
88 Not in U.S.

PEK1B2 2 When you work INDOORS: Do you mainly work in an office building, in your own home, in someone else's home, or in another indoor place? 1355-1356

EDITED UNINVERSE:

PEK1A = 3

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Office building
2 Own home
3 Someone else's home
4 Another indoor place

PEK1C1 2 In which State (including DC), do you work on your main indoor job or business? 1357-1358

EDITED UNIVERSE:

PUK1B2 = -9, -3, -2, 1, 4

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
01 Alabama
02 Alaska
04 Arizona

NAME	SIZE	DESCRIPTION	LOCATION

05 Arkansas
06 California
08 Colorado
09 Connecticut
10 Delaware
11 District of Columbia
12 Florida
13 Georgia
15 Hawaii
16 Idaho
17 Illinois
18 Indiana
19 Iowa
20 Kansas
21 Kentucky
22 Louisiana
23 Maine
24 Maryland
25 Massachusetts
26 Michigan
27 Minnesota
28 Mississippi
29 Missouri
30 Montana
31 Nebraska
32 Nevada
33 New Hampshire
34 New Jersey
35 New Mexico
36 New York
37 North Carolina
38 North Dakota
39 Ohio
40 Oklahoma
41 Oregon
42 Pennsylvania
44 Rhode Island
45 South Carolina
46 South Dakota
47 Tennessee

NAME	SIZE	DESCRIPTION	LOCATION

48 Texas
49 Utah
50 Vermont
51 Virginia
53 Washington
54 West Virginia
55 Wisconsin
56 Wyoming
57 United States (state unknown)
88 Not in U.S.

PEK2A   2   Is smoking restricted in ANY WAY at your place of work?   1359-1360

EDITED UNIVERSE:

PEK1A = 4 or PEK1B = -9, -3, -2, 1, 4 or PEK1B2 = -9, -3, -2 1, 4

<u>VALID ENTRIES:</u>

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

PEK3A   2   Which of these best describes the smoking policy   1361-1362
at your place of work for INDOOR PUBLIC OR COMMON
AREAS, such as lobbies, rest rooms, and lunch rooms?

EDITED UNIVERSE:

PEK2A = 1

<u>VALID ENTRIES:</u>

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Not allowed in ANY public areas

NAME	SIZE	DESCRIPTION	LOCATION

2 Allowed in SOME public areas
3 Allowed in ALL public areas
4 Not applicable

PEK3B   2   Which of these best describes the smoking policy at   1363-1364
your place of work for INDOOR WORK AREAS?

EDITED UNIVERSE:

PEK2A = 1

VALID ENTRIES:

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

PEK3D   2   Within the PAST 12 MONTHS, has your employer offered   1365-1366
any stop smoking program or any other help to employees
who want to quit smoking?

EDITED UNIVERSE:

PEK1A = -9, -3, -2, 2, 5, 6, or PEK2A = -9, -3, -2, 2 or
  PEK3B = -9, -3, -2, 1, 2, 3, 4

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
PEK4	2	Which statement best describes the rules places.	1367-1368

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. Smoking includes cigars regular and hookah as
well as cigarettes.)

EDITED UNIVERSE:

Self respondent

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 No one is allowed to smoke anywhere INSIDE YOUR HOME
2 Smoking is allowed in some places or at some times
   INSIDE YOUR HOME
3 Smoking is permitted anywhere INSIDE YOUR HOME

NAME	SIZE	DESCRIPTION	LOCATION
PEK5A	2	In buildings with MULTIPLE apartments or living areas, do you THINK that smoking should be ... ALLOWED INSIDE ALL apartments or living areas, ALLOWED inside SOME apartments ..., or NOT ALLOWED at ALL inside apartments?	1369-1370

EDITED UNIVERSE:

Self respondent

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION

2 ALLOWED INSIDE SOME apartments
3 NOT ALLOWED at ALL inside apartments

PEK5B   2   Now think about INDOOR PUBLIC OR COMMON areas   1371-1372
in buildings with MULTIPLE apartments, such as halls,
stairs, lobbies, and recreation areas. Do you THINK that
smoking should be ... ALLOWED in ALL such INSIDE
COMMON areas, allowed in SOME INSIDE COMMON
areas, or NOT allowed at ALL in ANY INDOOR COMMON areas?

EDITED UNIVERSE:

Self respondent

<u>VALID ENTRIES:</u>

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Allowed in ALL INDOOR COMMON areas
2 Allowed in SOME INDOOR COMMON areas
3 NOT allowed at ALL in ANY INDOOR COMMON areas

PEK6B   2   In indoor work areas, do you THINK that   1373-1374
smoking SHOULD be allowed in ALL areas,
allowed in SOME areas, or NOT allowed at ALL?

EDITED UNIVERSE:

PEK4 = -9, -3, -2, 1, 2, 3

<u>VALID ENTRIES:</u>

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Allowed in all areas

2 Allowed in some areas
3 Not allowed at all

PEK6C   2   Inside bars, cocktail lounges, and clubs, do you THINK   1375-1376
that smoking SHOULD be allowed in ALL areas, allowed
in SOME areas, or NOT allowed at ALL?

EDITED UNIVERSE:

PEK6B = -9, -3, -2, 1, 2, 3

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Allowed in all areas
2 Allowed in some areas
3 Not allowed at all

PEK6G   2   Inside casinos, do you THINK that smoking SHOULD be   1377-1378
allowed in ALL areas, allowed in SOME areas, or NOT
allowed at ALL?

EDITED UNIVERSE:

PEK6C = -9, -3, -2, 1, 2, 3

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Allowed in all areas
2 Allowed in some areas
3 Not allowed at all

NAME	SIZE	DESCRIPTION	LOCATION

PEK6GA   2   On outdoor children's playgrounds and outdoor   1379-1380
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:

PEK6G = -9, -3, -2, 1, 2, 3

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't know
-1 Not in universe
1 Allowed in all areas
2 Allowed in some areas
3 Not allowed at all

PEK6H   2   Inside a car, when there are other people present,   1381-1382
do you THINK that smoking SHOULD...

EDITED UNIVERSE:

PEK6GA = -9, -3, -2, 1, 2, 3

VALID ENTRIES:

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

PEK6H2   2   IF children are present inside the car,   1383-1384
do you think that smoking SHOULD...

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

PEK6H = -9, -3, -2, 1, 2,

VALID ENTRIES:

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

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

VALID ENTRIES:

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

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

EDITED UNIVERSE:

All persons eligible for the supplement

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

-9 No response
-3 Refused
-2 Don't Know
-1 Not in universe
1 English
2 Spanish
3 Chinese
4 Korean
5 Vietnamese
6 Thai - Khmer
7 Other Asian or Asian unspecified
8 Other

PES81A	2	Method of Interview	1389-1390

EDITED UNIVERSE:

All persons eligible for the supplement

VALID ENTRIES:

-1 Not in universe
1 Telephone
2 Personal visit

INTRVIEW	2	Interview Status Recode	1391-1392

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))

VALID ENTRIES:

-1 Not in universe
1. INTRVIEW=1 (complete interview) when
conditions 1 AND 2 are met

NAME	SIZE	DESCRIPTION	LOCATION
		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	1393-1394

VALID ENTRIES:

-1 Not in universe
1 CAPI
2 CATI
3 Unknown

| SMOKSTAT | 2 | Type of smoker recode | 1395-1396 |

VALID ENTRIES:

-9 Indeterminate
-1 Not in universe
1 Never smoker
2 Every day smoker
3 Some days smoker
4 Former smoker

| PRS35 | 2 | Respondent and Smoker Type | 1397-1398 |

VALID ENTRIES:

-9 Indeterminate
-1 Not in universe
1 Self respondent, every day smoker
2 Self respondent, some day smoker
3 Self respondent, former smoker
4 Proxy respondent

| PRS60 | 2 | Self responding 'Not at all' smokers - smoking less than or equal to 1 year or Don't know | 1399-1400 |

VALID ENTRIES:

-1 Not in universe
1 Item PEH1NUM/PEH1UNT is less than or

NAME	SIZE	DESCRIPTION	LOCATION

equal to 1 year or don't know
2 All others

PRS64   2   Who is responding for the supplement   1401-1402

VALID ENTRIES:

-1 Not in universe
1 Self
2 Proxy

PRS65   2   Monthly Labor Force recode of Self respondents   1403-1404

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   1405-1406
first job

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   1407-1408
determine which tobacco product is being
discussed in PEJ3a1and PEJ3a2

EDITED UNIVERSE:

See PEJ3A1 universe

VALID ENTRIES:

-1 Not in universe
1 Cigar
2 Regular pipe filled with tobacco
3 Hookah pipe

NAME	SIZE	DESCRIPTION	LOCATION

4 E-cigarette

5 Smokeless tobacco

6 Dissolvable tobacco

7 Cigar or regular pipe filled with tobacco

8 Cigar or hookah pipe

9 Cigar or regular pipe or hookah pipe

10 Cigar or E-cigarette

11 Cigar or regular pipe with tobacco or E-cigarette

12 Cigar or hookah pipe or E-cigarette

13 Cigar or regular pipe or hookah pipe or E-cigarette

14 Cigar or smokeless tobacco

15 Cigar or dissolvable tobacco

16 Cigar or smokeless tobacco or dissolvable tobacco

17 Cigar or regular pipe or smokeless tobacco

18 Cigar or regular pipe or dissolvable tobacco

19 Cigar or pipe or smokeless tobacco or dissolvable

20 Cigar or hookah pipe or smokeless tobacco

21 Cigar or hookah pipe or use dissolvable tobacco

22 Cigar or hookah pipe or smokeless or dissolvable

23 Cigar or regular pipe or hookah pipe or smokeless

24 Cigar or regular pipe or hookah pipe or dissolvable

25 Cigar, pipe, hookah, smokeless tobacco, dissolvable

26 Cigar or regular pipe or an E-cigarette or smokeless

27 Cigar or regular pipe or E-cigarette or dissolvable

28 Cigar, pipe, E-cigarette, smokeless, dissolvable

29 Cigar or hookah pipe or E-cigarette or smokeless

30 Cigar or hookah pipe or E-cigarette or dissolvable

31 Cigar, hookah, E-cigarette, smokeless, dissolvable

32 Cigar, pipe, hookah pipe, E-cigarette, smokeless

33 Cigar, pipe, hookah pipe, E-cigarette, dissolvable

34 Cigar, pipe, hookah, E-cigarette, smokeless, dissolvable

35 Cigar or E-cigarette or smokeless tobacco

36 Cigar or E-cigarette or dissolvable tobacco

37 Cigar, E-cigarette, smokeless tobacco, dissolvable

38 Regular pipe filled with tobacco or hookah pipe

39 Regular pipe filled with tobacco or E-cigarette

40 Hookah pipe or E-cigarette

41 Regular pipe or hookah pipe or E-cigarette

42 Regular pipe filled with tobacco or smokeless

43 Regular pipe filled with tobacco or dissolvable

44 Regular pipe or smokeless or dissolvable
45 Hookah pipe or smokeless tobacco
46 Hookah pipe or dissolvable tobacco
47 Hookah pipe or smokeless tobacco or dissolvable
48 Regular pipe or hookah pipe or smokeless tobacco
49 Regular pipe or hookah pipe or dissolvable tobacco
50 Regular pipe or hookah or smokeless or dissolvable
51 Regular pipe or E-cigarette or smokeless tobacco
52 Regular pipe or E-cigarette or dissolvable tobacco
53 Pipe, E-cigarette, smokeless tobacco, dissolvable
54 Hookah pipe or E-cigarette or smokeless tobacco
55 Hookah pipe or E-cigarette or dissolvable tobacco
56 Hookah, E-cigarette, smokeless tobacco, dissolvable
57 Regular pipe or hookah or E-cigarette or smokeless
58 Regular pipe or hookah or E-cigarette or dissolvable
59 Pipe, hookah , E-cigarette,smokeless, dissolvable
60 E-cigarette or smokeless tobacco
61 E-cigarette or dissolvable tobacco
62 E-cigarette or smokeless tobacco or dissolvable
63 Smokeless tobacco or dissolvable tobacco

PRJ3DF   2   Recode from fill in PEJ3d to determine which   1409-1410
tobacco product is being discussed in PEJ3D

EDITED UNIVERSE:

See PEJ3D universe

VALID ENTRIES:

-1 Not in universe
1 Cigar
2 Regular pipe filled with tobacco
3 Hookah pipe
4 E-cigarette
5 Smokeless tobacco
6 Dissolvable tobacco
7 Cigar or regular pipe filled with tobacco
8 Cigar or hookah pipe
9 Cigar or regular pipe or hookah pipe
10 Cigar or E-cigarette

NAME	SIZE	DESCRIPTION	LOCATION

11 Cigar or regular pipe with tobacco or E-cigarette
12 Cigar or hookah pipe or E-cigarette
13 Cigar or regular pipe or hookah pipe orE-cigarette
14 Cigar or smokeless tobacco
15 Cigar or dissolvable tobacco
16 Cigar or smokeless tobacco or dissolvable tobacco
17 Cigar or regular pipe or smokeless tobacco
18 Cigar or regular pipe or dissolvable tobacco
19 Cigar or pipe or smokeless tobacco or dissolvable
20 Cigar or hookah pipe or smokeless tobacco
21 Cigar or hookah pipe or use dissolvable tobacco
22 Cigar or hookah pipe or smokeless or dissolvable
23 Cigar or regular pipe or hookah pipe or smokeless
24 Cigar or regular pipe or hookah pipe or dissolvable
25 Cigar, pipe, hookah, smokeless tobacco, dissolvable
26 Cigar or regular pipe or an E-cigarette or smokeless
27 Cigar or regular pipe or E-cigarette or dissolvable
28 Cigar, pipe, E-cigarette, smokeless, dissolvable
29 Cigar or hookah pipe or E-cigarette or smokeless
30 Cigar or hookah pipe or E-cigarette or dissolvable
31 Cigar, hookah, E-cigarette, smokeless, dissolvable
32 Cigar, pipe, hookah pipe, E-cigarette, smokeless
33 Cigar, pipe, hookah pipe, E-cigarette, dissolvable
34 Cigar, pipe, hookah, E-cigarette, smokeless, dissolvable
35 Cigar or E-cigarette or smokeless tobacco
36 Cigar or E-cigarette or dissolvable tobacco
37 Cigar, E-cigarette, smokeless tobacco, dissolvable
38 Regular pipe filled with tobacco or hookah pipe
39 Regular pipe filled with tobacco or E-cigarette
40 Hookah pipe or E-cigarette
41 Regular pipe or hookah pipe or E-cigarette
42 Regular pipe filled with tobacco or smokeless
43 Regular pipe filled with tobacco or dissolvable
44 Regular pipe or smokeless or dissolvable
45 Hookah pipe or smokeless tobacco
46 Hookah pipe or dissolvable tobacco
47 Hookah pipe or smokeless tobacco or dissolvable
48 Regular pipe or hookah pipe or smokeless tobacco
49 Regular pipe or hookah pipe or dissolvable tobacco
50 Regular pipe or hookah or smokeless or dissolvable

NAME	SIZE	DESCRIPTION	LOCATION

51 Regular pipe or E-cigarette or smokeless tobacco
52 Regular pipe or E-cigarette or dissolvable tobacco
53 Pipe, E-cigarette, smokeless tobacco, dissolvable
54 Hookah pipe or E-cigarette or smokeless tobacco
55 Hookah pipe or E-cigarette or dissolvable tobacco
56 Hookah, E-cigarette, smokeless tobacco, dissolvable
57 Regular pipe or hookah or E-cigarette or smokeless
58 Regular pipe or hookah or E-cigarette or dissolvable
59 Pipe, hookah , E-cigarette, smokeless, dissolvable
60 E-cigarette or smokeless tobacco
61 E-cigarette or dissolvable tobacco
62 E-cigarette or smokeless tobacco or dissolvable
63 Smokeless tobacco or dissolvable tobacco

PRJ3F1F   2   Recode from fill in PEJ3f1 and PEJ3f2 to determine which tobacco product is being discussed in PEJ3f1and PEJ3f2   1411-1412

EDITED UNIVERSE:

See PEJ3F1 universe

VALID ENTRIES:

-8 Not applicable due to instrument error
-1 Not in universe
1 Smoking cigars
2 Smoking regular pipes filled with tobacco
3 Smoking hookah pipes
4 Using E-cigarettes
5 Using smokeless tobacco
6 Using dissolvable tobacco

PRJ3GF   2   Recode from fill in PEJ3g to determine which tobacco product is being discussed in PEJ3g   1413-1414

EDITED UNIVERSE:

See PEJ3G universe

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

-8 Not applicable due to instrument error
-1 Not in universe
1 Smoking cigars
2 Smoking regular pipes filled with tobacco
3 Smoking hookah pipes
4 Using E-cigarettes
5 Using smokeless tobacco
6 Using dissolvable tobacco

PRJ4F	2	Recode from fill in PEJ4 to determine which tobacco product is being discussed in PEJ4	1415-1416

EDITED UNIVERSE:

See PEJ4 universe

VALID ENTRIES:

-1 Not in universe
1 Smoking cigars
2 Smoking regular pipes
3 Smoking water or hookah pipes
4 Using an E-cigarette
5 Using smokeless tobacco
6 Using dissolvable tobacco

PRJ6BNMF	2	Recode from fill in PEJ6bnum and PEJ6bunt to see which tobacco product is being discussed in PEJ6bnum and PEJ6bunt	1417-1418

EDITED UNIVERSE:

See PEJ6bnum universe

VALID ENTRIES:

-1 Not in universe
1 Smoking cigars
2 Smoking regular pipes
3 Smoking water or hookah pipes

NAME	SIZE	DESCRIPTION	LOCATION

4 Using an E-cigarette
5 Using smokeless tobacco
6 Using dissolvable tobacco

PRJ7B1F	2	Recode identifying which tobacco product the respondent has quit or has tried to quit in PEJ7b1, PEJ7b5, PEJ7B7 EDITED UNIVERSE:	1419-1420

(PEJ3F1 not blank) or PEJ4=1

<u>VALID ENTRIES:</u>

-8 Not applicable due to instrument error
-1 Not in universe
1 Smoking cigars
2 Smoking regular pipes
3 Smoking water or hookah pipes
4 Using an E-cigarette
5 Using smokeless tobacco
6 Using dissolvable tobacco

PRSIFLG	2	Recode identifies person answering their own questions on the shorter proxy path.	1421-1422

EDITED UNIVERSE:

If PENXTPR3=3 SET PRSIFLG=1
ELSE IF (PENXTPR3=2 AND (PENXTPR5= PENXTPR)) SET PRSIFLG=2

<u>VALID ENTRIES:</u>

-1 Not in universe
1 CPS LF Respondent answered proxy path
2 Proxy respondent answered their own path

PWNRWGT	10	Nonresponse weight (4 implied decimal places)	1423-1432
PWSRWGT	10	Self response weight (4 implied decimal places)	1433-1442

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[i] Variables indicating either a number of cigarettes smoked during a time period or a price paid for cigarettes were subjected to disclosure avoidance techniques, by topcoding the value, and for the price paid items, rounding to the nearest five cents in addition to topcoding. More detail about these nondisclosure techniques and how they were determined will be provided at a later date.

ATTACHMENT 8

SUPPLEMENT QUESTIONNAIRE

2014-2015 Tobacco Use Supplement to the Current Population Survey-

All skip paths should go to the next item unless otherwise instructed. All item questions accept don't know and refused as response. All <D> and <R> pre-codes are to be blind coded. Use blind coded <L> to go to END.

Allow Proxy interviews on the 4th callback for any selected self-respondent. Allow proxy response for ALL OTHER eligible NON-selected self respondents AFTER interviewing or ATTEMPTING to interview selected SELF respondents first.

HHCPS-R   ENTER LINE NUMBER FOR THE PERSON WHO IS REPORTING CPS INFO FOR ALL HH MEMBERS

|__|__|

RANDOM_INDICATORS FOR SELF-RESPONSE SELECTION

PRESUP   **This month we would also like to ask about your thoughts and experiences concerning tobacco use.**

IF HOUSEHOLD HAS ONLY 1 OR 2 PERSONS 18 YEARS OR OLDER STATE:

"I need to ask each individual, age 18 years old and older,   these questions."

IF HOUSEHOLD HAS MORE THAN 2 PERSONS AGE 18 YEARS OR OLDER STATE:

"Two or three persons in this household, age 18 years and older, have been selected at random to answer these questions personally, that is, themselves."

ENTER (1) TO PROCEED

ENTER (I) FOR IMPORTANCE OF RESPONDING

|__|

H_SUPP_I   Your answers to the tobacco questions are very important. The National Institutes of Health, FDA, CDC, and other researchers will use this information to measure changes in tobacco use and to help with policy-making and services.

PRESS ENTER TO CONTINUE

NXTPR	ENTER LINE NO: |__|__| FOR [fill name]	HOUSEHOLD ROSTER

ENTER LINE NO: |__|__| FOR [fill name]

I (also) need to talk with [fill name/READ LIST OF NEEDED PERSONS]. Is he/she at home now/Are either of them at home now/Are any of them at home now)?

NO ONE ELIGIBLE, SKIP TO FIN (F10)
IF ANSWERED, JUMP FORWARD (F3)

GET SELF RESPONSE ONLY.
WHEN DONE, F10 FOR CALLBACKS
CALLBACK #: [fill number]

(CNTRL-R) Respondent Refused for someone else

ENTER LINE NUMBER FOR INTERVIEW: |__|__|

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

NXTPR3   DO NOT ASK, INTERVIEWER CHECK ITEM

(ONLY TAKE A PROXY IF THIS IS THE 4TH CALLBACK FOR THE SELF-RESPONDENT OR THE PERSON WILL NOT RETURN BEFORE CLOSEOUT. FOR ELIGIBLE NON-SELECTED SELF-RESPONDENTS TAKE A PROXY/PROXY SHORT VERSION AFTER INTERVIEWING ALL SELF-SELECTED RESPONDENTS BY SELF DURING ANY GIVEN CONTACT.)

Is this a Self or Proxy response?

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

          |__|

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?**

       FR: "FAIRLY REGULARLY' OR "REGULARLY" REFERS TO AGE WHEN STARTED SMOKING CIGARETTES ON A ROUTINE BASIS AS OPPOSED TO AGE WHEN TRIED FIRST CIGARETTE."

       ENTER (0) IF NEVER SMOKED REGULARLY: **[GO TO A2a]**

       ENTER AGE (01 – AGE):   **[GO TO A2b]**

       |__|__|

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

A2v I have recorded that (you/name) (were/was) [fill entry A2] years old when (you/he/she) started smoking cigarettes fairly regularly. Is that correct?

       (1) Yes [GO TO A2b]
       (2) No [GO TO A2]

       |__|

A2a   You said that (you/name) never smoked regularly. How old (were/was) (you/name) the first time (you/he/she) smoked part or all of a cigarette?

       ENTER AGE (01 – AGE):   **[SKIP TO A2c]**

       |__|__|

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

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

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

|__|

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

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

_____ **ENTER STATE/COUNTRY NAME   GO TO A3**

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

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

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

_____ **ENTER STATE/COUNTRY NAME   GO TO A3**

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

A3   **(Do/Does) (you/name) now smoke cigarettes every day, some days, or not at all?**

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

|__|

```
                          BOX 1
IF SELF RESPONDENT AND:
A3 = (1) EVERY DAY SMOKERS, THEN GO TO SECTION B
A3 = (2) SOME-DAY SMOKERS, THEN GO TO SECTION C
A3 = (3) NOT-AT-ALL SMOKERS, THEN GO TO SECTION H
A3 = D, R, THEN GO TO SECTION J

IF PROXY RESPONDENT, THEN GO TO SECTION J
```

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, THEN GO TO B1a
IF B1 > 40, THEN GO TO B1v
ELSE, THEN GO TO B2
```

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

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

|__|

[1, 2, OR 3: GO TO B2]
[Don't Know OR Refused: GO TO B2]

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

(1) Yes [GO TO B2]
(2) No   [GO TO B1]

|__|

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

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

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

|__|

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

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

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

B5anum   ENTER NUMBER (0 – 90)
|__|__|

B5aunt   ENTER UNIT REPORTED
|__| (1) Minutes   (2) Hours

```
                            BOX 5
IF B5a = 0, D, R, THEN GO TO B5b
ELSE, THEN GO TO BA6a
```

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

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

|__|

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

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

(1) Yes [GO TO B6a]

(2) No [GO TO B6e1]

|__|

[Don't Know OR Refused: GO TO B6e1]

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

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

|__|

```
┌─────────────────────────────────────────────────────────────┐
│                          BOX 6                                │
│ IF B6a = (1) OR (3) OR D, R, THEN GO TO B6b                   │
│ IF B6a = (2), THEN GO TO B6c                                  │
└─────────────────────────────────────────────────────────────┘
```

B6b/B6b2   What price did you pay for the LAST PACK of cigarettes you bought? Please report the cost after using discounts or coupons.

[FR: "Price per pack," enter "dollars" on the first screen (B6b) and enter "cents" on the next screen (B6b2)]

   B6b $___ __   (0-99)
   B6b2   . ___ ___   (0-99)

   [GO TO **B6c4**]

   [Don't know OR Refused: GO TO **B6c4**]

B6c/B6c2   What price did you pay for the LAST CARTON of cigarettes you bought? Please report the cost after using discounts or coupons.

  [FR: "Price per carton," **e**nter "dollars" on the first screen (B6c) and enter "cents" on the next screen (B6c2)]

   B6c $___ __ ___   (0-999)
   B6c2   . ___ ___   (0-99)

   [GO TO **B6c4**]

   [Don't know OR Refused: GO TO **B6c4**]

B6c4 Did you use coupons, rebates, or any other special promotions when you bought your LAST (fill appropriate term here from B6a responses…=1 or 3 or DK or R, fill "PACK"; =2, fill "CARTON") of cigarettes?

(1) Yes

(2) No

|__|

[GO TO B6d]

[Don't know OR Refused: GO TO B6d]

B6d/B6d1   **Did you buy your LAST (fill appropriate term here from B6a responses (=1 or 3 or DK or R fill "pack"; =2 fill "carton") of cigarettes in (fill respondent's state of residence) or in some other state?**

> (1) In respondent's state of residence
> (2) In some other state (including DC)
>
> (3) BOUGHT SOME OTHER WAY (Internet, other country, **Indian reservation**.)

☐

BOX 7
IF B6d1 =1 ENTER AUTOMATICALLY RESPONDENT'S STATE OF RESIDENCE IN B6d2, THEN GO TO B6d3
ELSE IF B6d = 2, THEN GO TO B6d2
ELSE IF B6d=3 → GO TO B6dOTH
ELSE, THEN GO TO B6e1

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

> |__|__| ENTER STATE ABBREVIATION –TEXT OF AT MOST 2 CHARACTERS -   **GO TO B6d3**

B6d3   **Did you buy your LAST (fill appropriate term here from B6a responses…=1, 3, DK or R, fill "PACK"; =2, fill "CARTON") of cigarettes from an Indian reservation?**

> (1) YES- GO TO B6e1
> (2) NO   GO TO B6e1
>
> [DON'T KNOW OR REFUSED, GO TO B6e1]

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

READ the FIRST THREE CHOICES

        (1) In a foreign country or a duty-free shop
        (2) From an Indian reservation OR
        (3) By mail-order, phone or internet

        (4) Some other way (NOT READ**)**

        |__|

      GO TO B6e1

B6e1 **In the LAST 2 months, have you bought any SINGLE or INDIVIDUAL cigarettes?**

[FR: RESPONDENT MAY REFER TO IT AS A "LOOSIE" OR "LOOSE OUT OF THE PACK."]

    (1) Yes   GO TO **B6e31**
    (2) No   GO TO **B7c**

  |__|

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

B6e31 **Did you buy your LAST SINGLE or INDIVIDUAL cigarette in (**fill respondent's state of residence**) or in some other state or other country?**

        (1) In respondent's state of residence
        (2) In some other state (including DC)
        (3) In another country

        (4) BOUGHT SOME OTHER WAY (Internet, etc.)

    |__|

+---+
| **BOX 7B** |
| **IF B6e31 = 1, ENTER AUTOMATICALLY RESPONDENT'S** |
| **STATE OF RESIDENCE IN B6e32, THEN GO TO B7c** |
| **ELSE IF B6e31= 2, 3, THEN GO TO B6e32** |
| **ELSE, THEN GO TO B7c** |
+---+

B6e32   In what OTHER state or country did you buy your LAST SINGLE OR INDIVIDUAL cigarette?

_____ [**FR**: SPELL OUT THE STATE OR COUNTRY NAME. ENTER A TEXT OF AT MOST 40 CHARACTERS.]

   GO TO B7c

B7c For how long have you smoked EVERY DAY?

   READ CHOICES 1-4

   (1) All or nearly all the years you have smoked
   (2) Most of the years you have smoked
   (3) Half of the years you have smoked, OR -
   (4) Less than half the years you have smoked

   (5) IF VOLUNTEERED: LESS THAN ONE YEAR

   |__|

IF B2 = 1, GO TO B7c3; ELSE IF B2 =2, 3, R, OR DK, GO TO B7c2

B7c2 Have you EVER smoked MENTHOL cigarettes for 6 months or more?

   (1) Yes
   (2) No

   |__|

IF B7c2 = 1, THEN GO TO B7c3 AND USE THE APPROPRIATE FILL IN B7c3 ("…did you smoke….."), ELSE GO TO B8.

B7c3 For how long [fill "have you smoked" for those with a B2 = 1/ "did you smoke" for B7c2 = 1] MENTHOL cigarettes?

   READ CHOICES 1-4

   (1) All or nearly all the years you have smoked
   (2) Most of the years you have smoked
   (3) Half of the years you have smoked, OR -
   (4) Less than half the years you have smoked

   (5) IF VOLUNTEERED: LESS THAN ONE YEAR

   |__|

GO TO B8

B8 **Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?**

(1) Every day IF B8=1, GO TO B9
(2) Some days IF B8=2 ,GO TO B10a
(3) Not at all   IF B8 =3, **GO TO <u>D1R</u> (3rd QUESTION IN QUIT ATTEMPT SECTION)**

|__|

IF B8=DK, R GO TO D1R (3rd QUESTION IN QUIT ATTEMPT SECTION)

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

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

ENTER NUMBER OF CIGARETTES PER DAY
(1-99)

|__||__|

```
                          BOX 7C
IF B9 = D, R, THEN GO TO D1R (3rd QUESTION IN QUIT
ATTEMPT SECTION)
IF B9 > 40, THEN GO TO B9v
ELSE, THEN GO TO D1R (3rd QUESTION IN QUIT ATTEMPT
SECTION)
```

B9v **I have recorded that on the average, you smoked [fill entry B9] cigarettes a day 12 months ago. Is that correct?**

(1) Yes
(2) No ≡ GO TO B9

|__| **IF B9v =1 OR B9v = D, R ➜ GO TO D1R (3rd QUESTION IN QUIT ATTEMPT SECTION)**

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

ENTER (0) FOR NONE

|__|__| Range 0-30

B10av   **You said that you smoked cigarettes some days. Is that correct?**

(1) Yes
(2) No

|__|

B10b   **On the average, on those [If B10a = 1-30 (Fill entry B10a days) If B10a=D, R (Fill days you smoked)], how many cigarettes did you usually smoke each day?**

WE ARE STILL TALKING ABOUT "AROUND THIS TIME 12 MONTHS AGO"

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

B10bv **I have recorded that on the average, when you smoked on those [fill entry B10a] days, you smoked [fill entry B10b] cigarettes a day. Is that correct?**

(1) Yes
(2) No   GO TO B10b

|__|

EVERY-DAY SMOKERS (A3=1) GO TO <u>D1R</u> (3rd QUESTION IN QUIT ATTEMPT SECTION)

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

ENTER (0) FOR NONE

|__|__| (0-30)

```
                          BOX 9
IF C1 = 0 OR 30, THEN GO TO C1v
ELSE IF C1=DK, R, THEN GO TO C1i
ELSE GO TO C1a
```

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

(1) Yes
(2) No

|__|

```
                          BOX 10
IF C1v = 1 AND C1 = 30, THEN GO TO C1a
IF C1v = 1 AND C1 = 0, THEN GO TO C2
IF C1v = 2, THEN GO TO A3
IF C1v = DK, R, THEN GO TO  C1a
```

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

(1) Yes
(2) No

|__|

C1a   **On the average, on those [C1 days IF entry for C1 NE D/R, OR "AT LEAST 12 days" IF C1i = 1 YES] days, how many cigarettes did you usually smoke each day?**

|__|__| IF < = (LESS THAN OR EQUAL TO) 40, THEN GO TO C2

[IF >40, GO TO C1av]
[Don't Know OR Refused: GO TO C2]

C1av **I have recorded that on the average, when you smoked on those [C1 / AT LEAST 12] days, you smoked [C1a] cigarettes a day. Is that correct?**

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

|__|

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

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

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

|__|

[1 or 2: GO TO C5a_num/unt]
[3, Don't Know OR Refused: GO TO C5a_num/unt]

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

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

C5anum   ENTER NUMBER (0 – 90)
|__|__|

C5aunt   ENTER UNIT REPORTED
|__| (1) Minutes   (2) Hours

```
                         BOX 13
IF C5a = 0, D, R, THEN GO TO C5b
ELSE GO TO CA6a
```

C5b   **On the days that you smoke, would you say you smoke your first cigarette of the day within the first 30 minutes?**

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

|__|

[GO TO **CA6a**]

8-15

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, THEN GO TO C6b
IF C6a = (2), THEN 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 **C6c4**

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

C6c/C6c2 What price did you pay for the LAST carton of cigarettes you bought? Please report the cost after using discounts or coupons. [FR: PRICE PER CARTON]

$__ __ __ C6c (0-999) ENTER THE DOLLARS PORTION OF THE PRICE PER CARTON

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

GO TO **C6c4**

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

C6c4 **Did you use coupons, rebates, or any other special promotions when you bought your LAST (fill appropriate term here from B6a responses…=1 or 3 or DK or R, fill "PACK"; =2, fill "CARTON") of cigarettes?**

(1) Yes

(2) No

|__|

GO TO C**6d1**

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

C6d1 **Did you buy your LAST (**fill appropriate term here from C6a responses …=1, 3, DK or R, fill "**PACK**"; =2, fill "**CARTON") of cigarettes in [**fill respondent's state of residence**] or in some other state?**

      (1) In respondent's state of residence
      (2) In some other state (including DC)
      (3) BOUGHT SOME OTHER WAY (Internet, other country, Indian reservation...)

      |__|

```
                            BOX 15
IF C6d1 =1, ENTER AUTOMATICALLY RESPONDENT'S STATE OF
     RESIDENCE IN C6d2, THEN GO TO C6d3
ELSE IF C6d1 = 2, THEN GO TO C6d2
ELSE IF C6d1 = 3, THEN GO TO C6dOTH
ELSE, THEN GO TO C6e1
```

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

    |__|__| ENTER 2 CHARACTER STATE ABBREVIATION **GO TO C6d3**

C6d3 **Did you buy your LAST (fill appropriate term here from C6a responses … =1, 3, DK or R, fill "PACK"; = 2, fill "CARTON") of cigarettes from an Indian reservation?**

      (1)YES- GO TO C6e1
      (2)NO   GO TO C6e1

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

☐

ALL GO TO C6e1

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

READ THE FIRST THREE CHOICES

(1) In a foreign country or a duty-free shop
(2) From an Indian reservation OR
(3) By mail-order, phone or internet

(4) Some other way **(NOT READ)**

|__|

GO TO C6e1

C6e1   In the LAST 2 months, have you bought any SINGLE or INDIVIDUAL cigarettes?

[FR: RESPONDENT MAY REFER TO IT AS A "LOOSIE" OR "LOOSE OUT OF THE PACK**.]**

(1) Yes, bought   GO TO **C6e31**
(2) No, did not buy   GO TO C7a

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

C6e31 Did you buy your LAST SINGLE or INDIVIDUAL cigarette in [fill respondent's state of residence] or in some other state or other country?

(1) In respondent's state of residence
(2) In some other state (including DC)
(3) In another country

(4) BOUGHT SOME OTHER WAY (Internet, etc..)

|__|

```
BOX 15B
IF C6e31 =1, ENTER AUTOMATICALLY RESPONDENT'S STATE
OF RESIDENCE IN C6e32, THEN GO TO C7a
ELSE IF C6e31 = 2, 3, THEN GO TO C6e32
ELSE, THEN GO TO C7a
```

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

------------------------------------- [**FR**: SPELL OUT THE STATE OR COUNTRY
NAME. ENTER A TEXT OF AT MOST 40 CHARACTERS]

GO TO C7a

Past Smoking Behavior for Some-Day Smokers

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

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

|__|

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

C7d For how long did you smoke EVERY DAY

READ CHOICES 1-4

(1) All or nearly all the years you have smoked
(2) Most of the years you have smoked
(3) Half of the years you have smoked, OR -
(4) Less than half the years you have smoked

(5) IF VOLUNTEERED: LESS THAN ONE YEAR

|__|

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

C7d2 Have you EVER smoked MENTHOL cigarettes for 6 months or more?

(1) Yes
(2) No

IF C7d2 = 1, THEN GO TO C7d3 and fill C7d3 with "did you smoke"; ELSE if C7a =2, R, or DK, GO TO C8; ELSE GO TO C7e

C7d3 For how long [fill "have you smoked" for C2 = 1 / fill "did you smoke" for C7d2 = 1] MENTHOL cigarettes

READ CHOICES 1-4

(1) All or nearly all the years you have smoked
(2) Most of the years you have smoked
(3) Half of the years you have smoked, OR -
(4) Less than half the years you have smoked

(5) IF VOLUNTEERED: LESS THAN ONE YEAR
|__|

IF C7a = 2, R, or DK, Go to C8; ELSE Go To C7e

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

ENTER NUMBER OF CIGARETTES EACH DAY   (1-99)

|__|__| IF $<$ = 40: GO TO **C8**

[If >40: GO TO C7ev]
[Don't Know OR Refused: GO TO **C8**]

C7ev I have recorded that when you last smoked every day, on the average you smoked [fill entry C7e] cigarettes each day. Is that correct?

(1) Yes [GO TO **C8]**
(2) No [GO TO C7e]

|__|__|

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

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

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

|__|

IF C8 = DK, R ➜ GO TO BOX 18

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

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

ENTER NUMBER OF CIGARETTES PER DAY
(1-99)

|__||__|

```
                          BOX16B
IF C9 = D, R, THEN GO TO BOX 18
IF C9 > 40, THEN GO TO C9v
ELSE, THEN GO TO BOX 18
```

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

       (1) Yes ➜ GO TO **BOX 18**
       (2) No   GO TO C9

|__|

DK, R ➜ GO TO BOX 18

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

ENTER (0) FOR NONE

|__|__| (0 – 30)

```
                          BOX 16C
IF C10a = 0  OR 30, THEN GO TO C10av
If C10a=D, R, THEN GO TO C10b
ELSE, THEN GO TO C10b
```

C10av **You said that you smoked cigarettes some days. Is that correct?**

(1) Yes
(2) No

|__|

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, THEN GO TO **BOX 18**;
            ELSE IF C10b = D, R ➔ GO TO **BOX 18**; IF C10b > 40, GO TO C10bv

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

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

|__|

**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, THEN  GO TO D3b
ELSE IF D3 = 1,  GO TO D6
ELSE IF D3 = 2, 3, GO TO D6c
```

D3b   Would you say that during the past 12 months it was MORE THAN 3 TIMES that you …… [*fill* "have stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?" IF D3 = D, R; *fill* "TRIED to QUIT smoking COMPLETELY?" IF Da= 1]

(1) Yes
(2) No

|__|

[GO TO **D6c**]

D6   During the PAST 12 MONTHS, what is the LENGTH of time of this single quit attempt where you stopped smoking because you were TRYING to quit smoking?

[FR NOTE: IF QUIT ATTEMPT BEGAN MORE THAN 12 MONTHS AGO BUT ENDED WITHIN THE PAST 12 MONTHS, COUNT ALL OF IT.]

D6num   ENTER NUMBER (1 - **99**)

|__|__|

D6unt   ENTER UNIT REPORTED

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

          |__|

```
                              BOX 20
IF D6num AND/OR D6unt = DK/REF, THEN GO TO D6b
IF D6num >18 AND D6unt = 2, THEN GO TO D6v
IF D6num > 12 AND D6unt=3, THEN GO TO D6v
IF D6num >2 AND D6unt = 4, THEN GO TO D6v
ELSE, THEN GO TO SECTION E
```

D6v **I have recorded that the length of time of this single quit attempt where you stopped smoking in the past 12 months because you were TRYING to quit smoking was [fill entry D6num and D6unt]? Is that correct?**

          (1) Yes   **GO TO SECTION E BOX 21.**
          (2) No   **[GO TO D6num]**

          |__|

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

D6b   **Was it more or less than one week?**

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

          |__|

          GO TO SECTION E, BOX 21

D6c **Thinking of those attempts during the past 12 months, what was the length of time of the ONE attempt that lasted the longest?**

          [FR NOTE: IF QUIT ATTEMPT BEGAN MORE THAN 12 MONTHS AGO BUT
                    ENDED WITHIN THE PAST 12 MONTHS, COUNT ALL OF IT.]

D6cnum   ENTER NUMBER (1 - 99)

          |__|__|

D6cunt   ENTER UNIT REPORTED

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

       |__|

> BOX 20B
> IF D6cnum AND/OR D6cunt = DK/REF, GO TO D6c2
> IF D6cnum >18 AND D6cunt = 2, GO TO D6cv
> IF D6cnum > 12 AND D6cunt = 3, GO TO D6cv
> IF D6cnum >2 AND D6cunt = 4, GO TO D6cv
> ELSE, GO TO SECTION E, BOX 21

D6cv I have recorded that the length of time of your LONGEST single quit attempt where you
     stopped smoking in the past 12 months because you were TRYING to quit smoking was
     [fill entry D6cnum and
     D6cunt]? Is that correct?

    (1) Yes   GO TO SECTION E BOX 21.

    (2) No   [GO TO D6cnum]

    |__|

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

D6c2 Was it more or less than one week?

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

    |__|

    GO TO SECTION E, BOX 21

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

D7R **DURING THE PAST 12 MONTHS, have you made a serious attempt to stop smoking because you were TRYING to quit – even if you stopped for less than a day?**

(1) Yes **[GO TO SECTION E, Box 21]**
(2) No   **[GO TO D8R]**

|__|

[Don't Know OR Refused: GO TO D8R]

D8R **Have you EVER made a serious attempt to stop smoking because you were TRYING to quit – even if you stopped for less than a day?**

(1) Yes   **[GO TO F1a]**
(2) No   **[GO TO F1a]**

/__/

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

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

> BOX 21
> **IF D3 = 1, THEN FILL ALL OF E1b, E1c SERIES WITH "The TIME," ELSE FILL ALL OF E1b, E1c SERIES WITH "The LAST TIME."**

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

Did you use ANY of the following:
(1) Yes
(2) No

E1b1 |__| A telephone help line or quit line

E1b5 |__| Internet or web-based program or tool

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

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

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

(1) Yes
(2) No

[FR NOTE: PRONOUNCE "SNUS" TO RHYME WITH "GOOSE."]

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

E1c2b |__| Try to quit by SWITCHING to regular cigars, cigarillos, little filtered cigars or ANY pipes filled with tobacco?

[FR NOTE: IF ASKED "ANY PIPES FILLED WITH TOBACCO" INCLUDES EITHER OR BOTH "REGULAR/TRADITIONAL" PIPES AND "WATER OR HOOKAH" PIPES - -AS LONG AS THEY ARE FILLED WITH TOBACCO.]

IF E1c2b = 2 (No), D, R, GO TO E1c2c; ELSE GO TO E1c2d.

E1c2c |__| **Try to quit by SWITCHING to electronic or E-cigarettes? You may also know them as vape-pens, hookah-pens, e-hookahs, e-vaporizers, e-cigars, or e-pipes.**

GO TO F1a

E1c2d   Did you switch to……..?

> **(1) Yes**
> **(2) No**

> **E1c2d1 |__| Cigars, cigarillos, little filtered cigars**
>
> **E1c2d2 |__| Regular pipes filled with tobacco**
>
> **E1c2d3 |__| Water or hookah {pronounced who-kah} pipes filled with tobacco**

E1cZ2c   The (LAST TIME/ time) you tried to quit smoking in the past 12 months, did you try to quit by SWITCHING to electronic or E-cigarettes? You may also know them as vape-pens, hookah-pens, E-hookahs, E-vaporizers, E-cigars, or E-pipes.

> **(1) Yes**
> **(2) No**

> **|__|**

(All responses GO TO F1a)

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

F1a   **In the PAST 12 MONTHS have you SEEN a medical doctor? [FR NOTE: RESPONDENTS SHOULD ANSWER "YES" IF THEY VISITED THEIR DOCTOR FOR ANY MEDICAL REASON (NOT ONLY FOR SMOKING RELATED REASONS).]**

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

       |__|

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

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

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

  |__|

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

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

(1) Yes [GO TO G2]
(2) No   [GO TO G3]

|__|

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

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

(1) Yes
(2) No

|__| All responses GO TO G3

G3   **Overall, on a scale from 1 to 10 where 1 is NOT AT ALL interested and 10 is EXTREMELY interested, how interested are you in quitting smoking?**

|__| IF G3 = 1, THEN GO TO SECTION J; ELSE GO TO G4

G4   **If you did try to quit smoking altogether in the next 6 months, how LIKELY do you think you would be to succeed --- not at all, a little likely, somewhat likely or very likely?**

(1) Not at all
(2) A little likely
(3) Somewhat likely
(4) Very likely

|__|

     ALL EVERY DAY/SOME DAY SMOKERS (A3=1, 2) GO TO SECTION J

H1NUM/UNT   **About how long has it been since you COMPLETELY quit smoking cigarettes?**

H1NUM ENTER NUMBER
   (1-99)

   |__|__|

H1UNT ENTER UNIT REPORTED

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

   |__|

```
                          BOX 24
IF H1NUM> 18 AND H1UNT= 2, GO TO H1v
IF H1NUM > 30 AND H1UNT = 3, GO TO H1v
IF H1NUM >(AGE - [ENTRY A2])  AND H1UNT= 4, THEN GO TO
H1ERR
ELSE IF H1NUM/UNT IS LESS THAN 5 MONTHS (OR
EQUIVALENT), GO TO  H1B; ELSE GO TO H2
```

H1ERR   *** DO NOT READ ***

It was reported (in item A2) that this person first started smoking greater than [fill AGE - (entry to A2)] years ago. Response of [fill entry H1NUM/UNT] (in item H1NUM/UNT) is inconsistent.

(B) Back to correct

|__| GO TO H1NUM

H1v   **I have recorded that it has been about [fill entry H1NUM and H1UNT] since you completely quit smoking cigarettes? Is that correct?**

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

   |__|

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

H1B In the PAST 12 months, was [enter duration from H1NUM/UNT] the longest time you stopped smoking cigarettes because you were trying to quit?

(1)   Yes
(2)   No

|__|

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

IF H1B = 2, GO TO H1C; ELSE GO TO H2.

H1C   During the PAST 12 MONTHS, what WAS the LONGEST length of time you stopped smoking because you were TRYING to quit smoking?

OR?

Thinking of your attempts to quit during the past 12 months, what was the length of time of the ONE attempt that lasted the longest?

[FR NOTE: IF QUIT ATTEMPT BEGAN MORE THAN 12 MONTHS AGO BUT ENDED WITHIN THE PAST 12 MONTHS, COUNT ALL OF IT.]

H1Cnum   ENTER NUMBER (1 - 99)

|__|__|

H1Cunt   ENTER UNIT REPORTED

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

|__|

```
                        BOX 25
IF H1Cnum AND/OR H1Cunt = DK/REF, GO TO H2
IF H1Cnum >18 AND H1Cunt = 2, GO TO H1Cv
IF H1Cnum > 12 AND H1Cunt=3, GO TO H1Cv
IF H1Cnum >2 AND H1Cunt = 4, GO TO H1Cv
ELSE, GO TO H2
```

H1Cv I have recorded that the LONGEST length of time you stopped smoking in the past 12 months because you were TRYING to quit smoking was [fill entry H1C num and H1Cunt]? Is that correct?

(1) Yes

(2) No   [GO TO H1Cnum]

|__|

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

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

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

/__/

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

H5   For how long did you smoke EVERY DAY?

 READ FIRST 4 CHOICES

(1) All or nearly all the years you have smoked
(2) Most of the years you have smoked
(3) Half of the years you have smoked, OR -
(4) Less than half the years you have smoked

(5) IF VOLUNTEERED: LESS THAN ONE YEAR

|__|

H5a When you last smoked every day, on average how many cigarettes did you smoke each day?

ENTER NUMBER OF CIGARETTES EACH DAY
(1-99)

|__|__| IF < = 40: **GO TO BOX 26**

[If >40: **GO TO H5av**]
[Don't Know OR Refused: **BOX 26**]

H5av I have recorded that when you last smoked every day, on the average you smoked [fill entry H5a] cigarettes each day. Is that correct?

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

|__|__|

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

BOX 26

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

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

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

|__|

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

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

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

ENTER NUMBER OF CIGARETTES PER DAY
(1-99)

|__||__|

BOX26A
IF H6A = D, R , GO TO H6C2
IF H6A > 40, GO TO H6Av
ELSE, GO TO H6C2

H6Av I have recorded that on the average, you smoked [fill entry H6A] cigarettes a day 12 months ago. Is that correct?

> **(1) Yes   ➔ GO TO H6C2**
> **(2)   No   ➔ GO TO H6A to CORRECT**

|__|

IF H6Av = DK, R ➔ H6C2

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

ENTER (0) FOR NONE

|__|__| (0-30)

```
                          BOX 26B
IF H6B = 0 OR 30, THEN 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 H6C2; ELSE IF H6C = D, R ➔ GO TO H6C2;
                ELSE GO TO H6Cv

H6Cv I have recorded that on the average, when you smoked on those [fill entry H6B] days, you smoked [fill entry H6C] cigarettes a day. Is that correct?

(1) Yes
(2) No [GO TO H6C]

|__|

(Don't Know or Refused GO TOH6C2)

H6C2   Thinking back to the 12 MONTHS BEFORE YOU QUIT SMOKING CIGARETTES, During that time, did you usually smoke menthol or non-menthol cigarettes?

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

|__|

IF H6C2 =1, GO TO H6C5; ELSE IF H6C2 = 2, 3, R, DK, GO TO H6C4;

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

(1) Yes
(2) No

|__|

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

H6C5   For how long did you smoke MENTHOL cigarettes?

READ FIRST 4 CHOICES

(1) All or nearly all the years you have smoked
(2) Most of the years you have smoked
(3) Half of the years you have smoked, OR –
(4) Less than half the years you have smoked

(5) IF VOLUNTEERED: LESS THAN ONE YEAR
|__|

H6e1   Now I would like to ask about HOW you went about completely quitting smoking. When you quit smoking completely, did you use ANY of the following:

(1) Yes
(2) No

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

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

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

H6F   When you quit smoking completely, did you do ANY of the following, whether or not you think they were effective:

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

(1) Yes
(2) No

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

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

H6Fa2b |__| **Try to quit by SWITCHING to regular cigars, cigarillos, little filtered cigars or ANY pipes filled with tobacco?**

[FR NOTE: IF ASKED "ANY PIPES FILLED WITH TOBACCO" INCLUDES EITHER OR BOTH "REGULAR/TRADITIONAL" PIPES AND "WATER OR HOOKAH" PIPES --AS LONG AS THEY ARE FILLED WITH TOBACCO.]

IF H6Fa2b = 2 (No), D, R, GO TO H6Fa2c; ELSE GO TO H6Fa2d.

H6Fa2c |__| **Try to quit by SWITCHING to electronic or E-cigarettes? You may also know them as vape-pens, hookah-pens, E-hookahs, E-vaporizers, E-cigars, or E-pipes.**

GO TO H61a

H6Fa2d   Did you switch to………..?

(1) Yes
(2) No

H6Fa2d1 |__| Cigars, cigarillos, little filtered cigars

H6Fa2d2 |__| Regular pipes filled with tobacco

H6Fa2d3 |__| Water or hookah {pronounced who-kah} pipes filled with
tobacco

H6FaZ2c When you quit smoking completely, did you try to quit by SWITCHING to
electronic or E-cigarettes? You may also know them as
vape-pens, hookah-pens, E-hookahs, E-vaporizers, E-cigars, or E-pipes.

       (1)   Yes
       (2)   No

       |__| **GO TO H61a**

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

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

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

    DON'T KNOW OR REFUSED --- GO TO H8a

    |__|

H61b During the 12 MONTHS BEFORE you completely quit smoking, did any medical
doctor ADVISE you to stop smoking?

   (1) YES
   (2) NO

    |__|
       GO TO H8a

H8a During the 12 MONTHS before you quit smoking, how soon after you woke up did
you typically smoke your first cigarette of the day?

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

H8aNUM   ENTER NUMBER (1 – 90)
          |__|__|

H8aUNT   ENTER UNIT REPORTED
          |__| (1) Minutes   (2) Hours

```
                        BOX 29
IF H8aNUM = 0, D, R, GO TO H8b
ELSE GO TO Section J
```

H8b **During the 12 months before you quit smoking, would you say you smoked your first cigarette of the day within the first 30 minutes of awakening?**

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

|__|
                    [**GO TO Section J**]

[The menthol questions are repeated again below for those who stopped smoking greater than 3 years ago from Box 26.]

H11a **Thinking back to the 12 MONTHS BEFORE YOU COMPLETELY QUIT SMOKING CIGARETTES, during that time, DID YOU USUALLY SMOKE menthol or non-menthol cigarettes?**

(1) MENTHOL
(2) NON-MENTHOL
(3) NO USUAL TYPE

|__|

IF H11a = 1, GO TO H11d; ELSE IF H11a =2, 3, R, or DK, GO TO H11c

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

(1) Yes
(2) No

☐

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

H11d   For how long did you smoke MENTHOL cigarettes?

READ FIRST 4 CHOICES

(1) All or nearly all the years you have smoked
(2) Most of the years you have smoked
(3) Half of the years you have smoked, OR –
(4) Less than half the years you have smoked

(1) IF VOLUNTEERED: LESS THAN ONE YEAR

|__|
[SKIP TO SECTION J]

J **The next questions are about the use of tobacco other than in cigarettes.**
PRESS 1 TO CONTINUE

J1a **(Have/Has) (you/name) EVER used any of the following EVEN ONE TIME?**

(1) Yes
(2) No

J1a1 A regular cigar or cigarillo (in Spanish use "medium size cigar" instead of the word "cigarillo") OR a little filtered cigar?

|__|

FR: Regular cigars ARE DIFFERENT FROM **little filtered cigars**. THEY CAN BE **large cigars**, OR SMALLER IN SIZE SUCH AS **cigarillos** (IN SPANISH USE "medium size cigars" INSTEAD OF THE WORD "cigarillos" HERE.) THEY ARE USUALLY SOLD INDIVIDUALLY OR IN PACKS OF 5 OR 8. SOME COMMON BRANDS ARE BLACK AND MILD'S, SWISHER SWEETS CIGARILLOS, AND PHILLIES BLUNTS, BUT THERE ARE OTHERS.

FR: **Little filtered cigars** ARE DIFFERENT FROM **regular cigars and cigarillos** (in Spanish use "medium size cigars" instead of word "cigarillos" here). THEY RESEMBLE CIGARETTES IN SIZE, AND ARE OFTEN SOLD IN PACKS OF 20. THEY ARE USUALLY BROWN IN COLOR AND HAVE A SPONGY FILTER LIKE A CIGARETTE. SOME COMMON BRANDS ARE PRIME TIME LITTLE FILTER CIGARS AND WINCHESTER LITTLE FILTER CIGARS, BUT THERE ARE OTHERS.

J1a2 **A regular pipe filled with tobacco**

|__|

FR: IF ASKED, "**pipe smoking**" ONLY INCLUDES PIPE TOBACCO. IT DOES NOT INCLUDE SMOKING HASHISH, MARIJUANA, CRACK, OR OTHER SUBSTANCES IN A PIPE. DO NOT INCLUDE WATER PIPES/HOOKAHS {who - kahs OR OTHER NAMES: SHISHA/NARGHILE/ARGILEH,OR HUBBLE-BUBBLE

J1a3 **A water pipe or hookah {pronounced: who-kah} pipe filled with tobacco?**

|__|

FR: IF ASKED, "<u>**water pipe or hookah {who -kah} pipe smoking**</u>" 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.

J1A3.5 INTRO: The next question is about electronic or e-cigarettes. You may also know them as vape-pens, hookah-pens, e-hookahs, or e-vaporizers. Some look like cigarettes, and others look like pens or small pipes. These are battery-powered, usually contain liquid nicotine, and produce vapor instead of smoke.

J1a3.5 (Have/Has)(you/name) EVER used E-cigarettes EVEN ONE TIME?

    (1) Yes
    (2) No

    |__|

FR: **E-CIGARETTES AND SIMILAR PRODUCTS CAN BE BOUGHT AS ONE-TIME, DISPOSABLE PRODUCTS, AS RE-USABLE KITS WITH A CARTRIDGE, OR WITH REFILLABLE CHAMBERS. THESE ITEMS CONTAIN A NICOTINE AND/OR FLAVORED LIQUID, OFTEN CALLED "E-LIQUIDS" OR "E-JUICE." SOME OF THESE PRODUCTS LOOK LIKE REGULAR CIGARETTES OR PENS, AND SOME MORE CLOSELY RESEMBLE A SMALL PIPE OR CIGAR. POPULAR BRANDS INCLUDE "NJOY," "BLU," "LOGIC," AND "VUSE."**

[FR NOTE: PRONOUNCE "SNUS" TO RHYME WITH "GOOSE."]

J1a4 INTRO The next question is about smokeless tobacco products which are used in the mouth --

J1a4 (Have/Has) (you/name) EVER used any of the following EVEN ONE TIME?
    (1) Yes
    (2) No

    J1a4 SMOKELESS tobacco, such as moist snuff, dip, spit, chew tobacco or snus?

    |__|

FR: <u>**Snuff or dip**</u> IS COMMONLY PLACED BETWEEN THE GUM AND LIP AND SOLD IN ROUND CANS IN --A LOOSE FORM OR A POUCH THAT LOOKS LIKE A SMALL TEA-BAG; COMMON BRANDS ARE SKOAL, COPENHAGEN AND GRIZZLEY BUT THERE ARE OTHERS.

Chewing or spit tobacco (ALSO TWIST, PLUG OR SCRAP) IS USUALLY PLACED IN THE SIDE OF THE MOUTH AND CHEWED AND OFTEN SOLD IN WALLET-SIZED POUCHES; COMMON BRANDS ARE REDMAN, LEVI- GARRET, AND BEECH-NUT, BUT THERE ARE OTHERS.

Snus IS A SPITLESS TOBACCO PRODUCT THAT MAY BE SOLD IN A TIN OR SLIDEPAK IN A LOOSE FORM OR IN SMALL TEABAG-LIKE POUCHES; COMMON BRANDS ARE CAMEL SNUS, MARLBORO SNUS, AND SKOAL SNUS.

J1a5 INTRO: The next question is about another type of tobacco called dissolvable tobacco. You don't smoke dissolvable tobacco products--they are made of finely ground tobacco often flavored that dissolves in your mouth.

J1a5 (Have/Has)(you/name) EVER used dissolvable tobacco EVER ONE TIME?

(1) Yes
(2) No

|__|

```
                           BOX 31
IF ((J1a1 THROUGH J1a5  =  NO, DK or R) AND:
          IF PROXY RESPONDENT, GO TO S78
          IF SELF RESPONDENT, GO TO BOX 34)
          ELSE IF ANY J1a1, 2, 3, 3.5, 4, 5 = YES (1) GO TO J2a1-5
FOR THOSE PRODUCTS
```

```
                           BOX 32
ASK J2a FOR EACH YES ENTRY IN J1a1 THROUGH J1a5
```

J2a/J2a1-5   (Do you/Does [name]) NOW (smoke/use) [fill entry in J1a = 1] every day, some days or not at all? [J1a1-5 entries: smoke regular cigars, or cigarillos or little filtered cigars…./ smoke a regular pipe filled with tobacco…/ smoke a water pipe or hookah pipe filled with tobacco…./ use an E- cigarette / use smokeless tobacco such as moist snuff, dip, spit, chew tobacco or snus / use dissolvable tobacco….]

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

|__|

IF (J2a2 = 1 OR 2) AND (J2a3 = 1 OR 2), THEN ASK J2a3v. ELSE GO TO BOX 33.

J2a3v Do you currently smoke BOTH regular pipes AND water pipes or hookah {who-kah} pipes?

(1)   YES
(2)   NO-   GO TO J2a2 and J2a3 to correct and then proceed to BOX 33

|__|

GO TO BOX 33

BOX 33

IF J2a = 1 <u>OR</u> 3:
    IF PROXY: IF LAST ENTRY FROM **J1a** –> GO TO **S78**
                 ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a1 – **5**

IF J2a=1:
    IF SELF: IF J2a4 (SMOKELESS) IS 1 (EVERY DAY) AND LAST ENTRY
                      FROM J1a → GO TO **Ja**
                 ELSE IF J2a1 (CIGARS) IS 1 (EVERY DAY) AND LAST ENTRY
                      FROM J1a → GO TO **Jb**

                 ELSE LAST YES ENTRY FROM J1a1-**5**, THEN GO TO **JNflavr**

                 ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a1-**5**

IF J2a=3;
    IF SELF: IF LAST ENTRY FROM **J1a,** THEN GO TO **Jd**
                 ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a1 – **5**

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

IF J2a = 2: (Someday Smokers)
    IF PROXY: IF LAST YES ENTRY FROM J1a 1- **5**, THEN GO TO **S78**
                 ELSE REPEAT J2a FOR NEXT YES ENTRY IN J1a1 – **5**

    IF SELF: GO TO **J2b**

IF J2a= DK/REF (-2 or -3),: GO BACK TO J2a for next item (ie. pipes, etc.)
IF J2a= DK/REF (-2 or -3) AND IF LAST ENTRY FROM J1a1-**5,** THEN GO TO **BOX 34**

J2b/J2b1-4   On how many of the past 30 days did you (smoke/use) [fill entry J1a1-5]?
[ASK SEPARATELY FOR EACH **"YES"** ENTRY IN J1a **AND** WITH J2a = 2]

ENTER NUMBER OF DAYS
ENTER (0) FOR NONE
(0-30)

|__||__| IF [entry in J2b = 0 OR 30], GO TO J2b1-**5v**; ELSE AFTER OBTAINING ALL RELEVANT RESPONSES TO THIS QUESTION, IF SMOKELESS CURRENT USE, GO TO Ja; ELSE IF CIGAR CURRENT USE, GO TO Jb; **ELSE IF REGULAR OR HOOKAH PIPE FILLED WITH TOBACCO CURRENT USE OR E-CIGARETTE CURRENT USE OR DISSOLVABLE TOBACCO CURRENT USE, GO TO JNflavr.**

J2b1-5v You said that you (smoked/used) [fill entry J1a] some days. Is that correct?
[ASK SEPARATELY FOR EACH **"YES"** ENTRY IN **J1a** WITH J2b = X (0) OR 30]

(1) Yes
(2) No   [GO TO RELEVANT J2a1-**5** AND CORRECT]

|__|

NOTE: THE J2a, J2b, and J2bv (as needed) SERIES IS REPEATED FOR EACH YES ENTRY
        IN J1a1-**5** AS APPROPRIATE

AFTER OBTAINING ALL RELEVANT RESPONSES TO **THESE QUESTIONS (J2a, 2b, 2bv AS APPROPRIATE),** IF SMOKELESS CURRENT USE, THEN GO TO **Ja**; ELSE IF CIGAR CURRENT USE, THEN GO TO **Jb; ELSE IF REGULAR OR HOOKAH PIPE FILLED WITH TOBACCO CURRENT USE OR E-CIGARETTE CURRENT USE OR DISSOLVABLE TOBACCO CURRENT USE, GO TO JNflavr.**

Ja   During the PAST 30 days, what BRAND of smokeless tobacco [IF necessary: moist snuff, dip, spit, chew or snus] did you use MOST OFTEN?

Allow for filling in coded brand name or code number OR ENTER Brand NAME by clicking on it—

Ja |__|__| (1-21)

IF BRAND IS NOT ON THE LIST, ENTER "21" for OTHER in Ja.

THE UNREAD CODES FOR INTERVIEWER ENTRY ARE:
1   BEECH-NUT
2   CAMEL SNUS
3   COPE
4   COPENHAGEN
5   GENERAL SNUS
6   GRIZZLY

7	HUSKY
8	KAYAK
9	KODIAK
10	LEVI GARRETT
11	LONGHORN
12	MARLBORO SNUS
13	RED MAN
14	RED MAN GOLDEN BLEND
15	RED SEAL
16	SKOAL
17	SKOAL SNUS
18	SKOAL X-TRA
19	STOKER'S
20	TIMBER WOLF
21	OTHER

IF Ja = 21, GO TO Jaspc; ELSE IF J2a1 = 1 or 2, THEN GO TO Jb--- [If "cigars" are NOW smoked every day or some days, ask Jb and Jc,….]—ELSE GO TO JNflavr.

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 JNflavr

Jb During the PAST 30 days, what type of CIGAR did you use MOST OFTEN?

> READ the 3 CHOICES

> **(1)   Regular/large cigars**
> **(2)   "Cigarillos"(in Spanish use "medium size cigars" instead of the word "cigarillos here")**
> **(3)   Little filtered cigars**
>
> |__|

Jc During the PAST 30 days, what BRAND of CIGAR did you smoke MOST OFTEN?

> |__| ENTER CODE FOR BRAND (1-20).
>   ENTER 20 for OTHER BRAND NOT ON THE LIST

NOTE: List of major brands for coding SEE BELOW.

THE UNREAD CODES FOR INTERVIEWER ENTRY ARE:

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

IF Jc = 20, GO TO Jcspc;

Jcspc   **Please specify the other brand:** _____   **FR:** ENTER A TEXT OF AT MOST 20 CHARACTERS.

FOR EACH NON-CIGARETTE TOBACCO PRODUCT OR E-CIGARETTE PRODUCT CURRENTLY USED, J2a1-5 = 1 OR 2, ASK Jnflvr (1-3, 4-5) or Jnflv35 (for E-CIGARETTES) SEPARATELY AFTER READING THE JnflvIN ONLY ONCE IF THERE ARE ANY J2a1-5 = 1 or 2.

JnflvIN-- Some tobacco products come in flavors such as menthol or mint, clove, spice, candy, fruit, chocolate, alcohol, or other flavors.

Jnflvr (1-3, 4-5) or Jnflv35

When you ….[fill as appropriate entry J2a1- 3 – **smoke a cigar /smoke a regular pipe filled with tobacco / smoke a water/hookah pipe filled with tobacco** (for Jnflvr (1-3) / **use an E-cigarette** (for Jnflv35) / **use smokeless tobacco** / **use dissolvable tobacco** (for Jnflvr (4-5)] ..

….. **is it usually flavored?**

(1)   Yes
(2)   No

|__|

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

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

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

(1) Yes
(2) No

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

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

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

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

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

[**FR NOTE:** IF RESPONDENT HAS INDICATED THAT THE PRODUCT WAS ONLY
USED ONE OR TWICE, ENTER "CTRL-R$_2$," AND DO NOT
ASK JD1/2 FOR THAT PRODUCT.]

Jd1/2_1-5   About how long has it been since you COMPLETELY quit smoking//using --
cigars, cigarillos, or little filtered cigars /a regular pipe
filled with tobacco / a water pipe or hookah {who-kah} pipe
filled with tobacco // E-cigarettes /smokeless tobacco /
dissolvable tobacco?

      Jd11/2/3/3.5 /4/5 |__|__| NUMBER (1-99)
      Jd2 1/2/3/3.5/4/5 |__| UNITS
             (1) Days
             (2) Weeks
             (3) Months
             (4) Years

[**FR NOTE:** IF RESPONDENT HAS INDICATED THAT THE PRODUCT WAS ONLY
USED ONCE OR TWICE, DO NOT ASK JD3 AND ENTER
"0$_2$" FOR LESS THAN ONE YEAR.]

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

Jd3   In total, how many years [fill "have you smoked/used" when J2a1-5 = 1 or 2 / "did
you smoke/use" when J2a1-5 = 3] cigars or cigarillos or
little filtered cigars / a regular pipe filled with tobacco / a
water pipe or hookah pipe filled with tobacco // E-cigarettes
/smokeless tobacco / dissolvable tobacco (fill as appropriate
from J1a1-5)?

        ENTER 0 FOR LESS THAN ONE YEAR

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

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

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

> **(1) Yes**
> **(2) No**

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

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

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

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

<div style="border:1px solid black; padding:10px">

BOX 34
FOR PROXY RESPONDENT, GO TO **S78**

FOR SELF RESPONDENT:

IF J1a1-**5**= NO <u>OR</u> J2a = DK/Refused <u>OR</u> ANY COMBINATION OF THESE THREE STIPULATIONS FOR ALL **SIX** "OTHER" TOBACCO PRODUCTS FOR ALL ENTRIES –> GO TO **SECTION K**

</div>

Other tobacco time to first use:

BOX 39

IF ONLY ONE PRODUCT MENTIONED IN J2a IS NOW USED "EVERY DAY" OR "SOME DAYS" [J2a@1-5 =1 OR 2], THAT PRODUCT IS USED FOR J3a.

    If J2a1=1 or 2, fill with 'smoke your first cigar'
    If J2a2-3=1 or 2, fill with 'smoke your first regular or hookah
                  pipe filled with tobacco'
    If J2a3.5 =1 or 2, fill with 'use your first e-cigarette'
    If J2a4=1 or 2, fill with 'first use smokeless tobacco'
    If J2a5=1 or 2, fill with 'first use dissolvables'

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

ELSE IF [(J2a=3 OR J1a = 2) FOR ALL J1a1- 5 AND [Jd1/2 LESS THAN OR EQUAL TO 1 YEAR, 12 MONTHS, 52 WEEKS, 99 DAYS (i.e., 1 YEAR EQUIVALENCE) FOR ONLY ONE "OTHER TOBACCO PRODUCT" J1a1- 5] AND [(IF A3 =3 AND H1NUM/UNT > (GREATER THAN) 1 YEAR, 12 MOS., 52 WEEKS, OR EQUIVALENCE) OR (IF A1=2, DK, R)] THEN GO TO J3f;

ELSE IF [(J2a=3 OR J1a = 2) FOR ALL J1a1- 5 AND [Jd1/2 LESS THAN OR EQUAL TO 1 YEAR, 12 MONTHS, 52 WEEKS, 99 DAYS (i.e., 1 YEAR EQUIVALENCE) FOR ANY "OTHER TOBACCO PRODUCT" J1a1, 2, 3, 3.5, 4, OR 5] AND [(IF A3 =3 AND H1NUM/UNT LESS THAN OR EQUAL TO 1 YEAR, 12 MOS., 52 WEEKS, 99 DAYS (i.e., 1 YEAR EQUIVALENCE)], THEN GO TO J3f.

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

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

        [FR NOTE: IF RESPONDENTS USE BOTH KINDS OF PIPES, THEY SHOULD BE THINKING OF BOTH KINDS AND ANSWER THE EARLIEST TIME AFTER AWAKENING THEY SMOKE THE FIRST OF THE TWO TYPES OF PIPES. SIMILARLY, WE ARE ASKING ABOUT THE FIRST USE OF ANY OF THE GROUP OF PRODUCTS NOTED]

ENTER (0) in J3a1 IF RESPONDENT INSISTS IT VARIES

J3a1   ENTER NUMBER (0 - 90)
|__|__|

J3a2   ENTER UNIT REPORTED
|__| (1) Minutes   (2) Hours

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

J3d   Would you say you first .. [FILL WITH APPROPRIATE STEM AND ENDING
BASED ON RESPONSES IN J2a1-5 SIMILAR TO J3a….smoke a cigar/ pipe// use
… an e-cigarette/ smokeless tobacco / dissolvable tobacco// ….other appropriate
combinations… within the first 30 minutes of awakening?

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

|__|

GO TO BOX 39A

J3f1/2   In the 12 months BEFORE YOU COMPLETELY QUIT smoking…
(…cigars/pipes).// using… (E- cigarettes/smokeless tobacco/dissolvable tobacco),
how soon after you woke up did you typically [fill with appropriate stem and ending
based on responses to J2a1-5] smoke your first ….cigar ./ pipe-// - use your first e-
cigarette // first use ….. smokeless tobacco / dissolvable tobacco?

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

[FR NOTE: IF RESPONDENTS USE BOTH KINDS OF PIPES, THEY SHOULD
BE THINKING OF BOTH KINDS AND ANSWER THE EARLIEST TIME
AFTER AWAKENING THEY SMOKE THE FIRST OF THE TWO TYPES OF
PIPES. SIMILARLY, WE ARE ASKING ABOUT THE FIRST USE OF ANY OF
THE GROUP OF PRODUCTS NOTED]

ENTER (0) in J3f1 IF RESPONDENT INSISTS IT VARIES

J3f1   ENTER NUMBER (0 - 90)
|__|__|

J3f2   ENTER UNIT REPORTED
|__| (1) Minutes   (2) Hours

IF J3f1 = 0, D or R, THEN GO TO J3g; ELSE GO TO BOX 39A

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

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

|__|

_____ **BOX   39A** _____
IF A3 = 1 OR 2 (CURRENT CIGARETTE SMOKER) GO TO SECTION K DO NOT ASK J4-J7

ELSE <u>**IF ONLY ONE PRODUCT**</u> **MENTIONED IN J2a (J2a 1-5) IS NOW USED "EVERY DAY" OR "SOME DAYS" GREATER THAN OR EQUAL TO 12 DAYS" [J2a =1** <u>**OR**</u> **(J2a =2 AND J2b ≥ 12 days)], THAT PRODUCT IS USED FOR J4-J7—GO TO J4**

ELSE IF > 1 PRODUCT MENTIONED IN J2a [J2a =1 <u>**OR**</u> **J2a =2], GO TO SECTION K**

ELSE IF [(J2a=3 OR J1a = 2) FOR ALL J1a1-5] AND [Jd1/2 LESS THAN OR EQUAL TO 1 YEAR, 12 MONTHS, 52 WEEKS, 99 DAYS (i.e., 1 YEAR EQUIVALENCE) <u>**FOR ONLY ONE "OTHER TOBACCO PRODUCT"**</u> **J1a1-5] AND [(IF A3 =3 AND H1NUM/UNT > 1 YEAR, 12 MOS., 52 WEEKS, OR OTHER EQUIVALENCE) OR (IF A1=2, D, R)] , THEN GO TO** <u>**BOX J7b**</u>**.**

ELSE, THEN **GO TO SECTION K**

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

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

J 6b **Thinking of ANY attempts to stop smoking …// using … [fill entry same as J4 fill – cigars/pipes // E-cigarettes/ smokeless tobacco / dissolvable tobacco] because you were trying to quit, during the past 12 months, what was the length of time of the ONE attempt that lasted the longest?**

[FR NOTE: IF QUIT ATTEMPT BEGAN MORE THAN 12 MONTHS AGO BUT ENDED WITHIN THE PAST 12 MONTHS, COUNT ALL OF IT.]

J6bnum ENTER NUMBER (1 -96)

|__|__|

J6bunt ENTER UNIT REPORTED

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

|__| **IF (J6num >18 AND J6bunt = 2) OR (J6bnum >12 AND J6bunt = 3) ➔ GO TO J6bv; ELSE ➔ GO TO <u>J7b</u>**

J6bv   I have recorded that the LONGEST length of time you stopped smoking//using [fill entry same fill as J4—cigars/ pipes//e-cigarettes/ smokeless tobacco/ dissolvable tobacco] in the past 12 months because you were TRYING to quit was [fill entry J6bnum/J6bunt]? Is that correct?

> **(1) Yes   GO TO <u>J7b</u>**
> **(2) No➔ GO TO J6bnum/unt TO CORRECT**

|__|

> **BOX J7b--   For J7b -- Use alternative wording for those who met criteria in BOX 39A for recent former users of one "other tobacco product : ELSE IF [(J2a=3 OR J1a = 2) FOR ALL J1a1- 5 AND [Jd1/2 LESS THAN OR EQUAL TO 1 YEAR, 12 MONTHS, 52 WEEKS, 99DAYS (i.e., 1 YEAR EQUIVALENCE) FOR ONLY ONE "OTHER TOBACCO PRODUCT" J1a1-5] AND [(IF A3 =3 AND H1NUM/UNT > 1 YEAR, 12 MOS., 52 WEEKS, OR EQUIVALENCE) OR (IF A1=2, D, R)] THEN GO TO J7b.)**
>
> **Alternative wording: J7b "Now I would like to ask about HOW you went about completely quitting smoking…cigars / pipes // using … e-cigarettes / smokeless tobacco / dissolvable tobacco. When you COMPLETELY quit smoking … cigars/pipes   // using… e-cigarettes / smokeless tobacco / dissolvable tobacco, did ……**

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

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

(1) Yes
(2) No

J7b1 |__| A telephone help line or quit line?

J7b5 |__| The Internet or web-based program or tool?

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

GO TO SECTION K

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

– ALL SELF RESPONDENTS

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 K3d]**

DON'T KNOW OR REFUSED **[SKIP TO K3d]**

|___|

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

READ THE FIRST 3 ANSWER 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

|__|

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

(1)YES
(2)NO

|__|

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

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

[FR **READ IF NECESSARY**]: "HOME" IS WHERE YOU LIVE. "RULES" INCLUDE ANY UNWRITTEN "RULES" AND PERTAIN TO ALL PEOPLE WHETHER OR NOT THEY RESIDE IN THE HOME OR ARE VISITORS, WORKMEN, ETC. **"SMOKING" INCLUDES CIGARS, REGULAR AND HOOKAH PIPES, AS WELL AS CIGARETTES.**

(1) No one is allowed to smoke anywhere INSIDE YOUR HOME
(2) Smoking is allowed in some places or at some times INSIDE YOUR HOME
(3) Smoking is permitted anywhere INSIDE YOUR HOME

|__|

K5a. **In buildings with MULTIPLE apartments or living areas, do you THINK that smoking should be… ALLOWED INSIDE ALL apartments or living areas, ALLOWED inside SOME apartments …., or NOT ALLOWED at ALL inside apartments?**

1. **ALLOWED INSIDE ALL apartments or living areas**

2. **ALLOWED inside SOME apartments**

3. **NOT ALLOWED at ALL inside apartments**

|__|

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

       1.   **Allowed in ALL INDOOR COMMON areas**

       2.   **Allowed in SOME INDOOR COMMON areas**

       3.   **NOT allowed at ALL in ANY INDOOR COMMON areas**

     |__|

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

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

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

       K6b   **In Indoor work areas. . . . . ===>|__|**
       K6c   **Inside Bars, cocktail lounges, and clubs . . . ===>|__|**
       K6g   **Inside casinos ……………….. === > |__|**
       K6ga   **On Outdoor children's playgrounds and outdoor children's sports fields, ……=== >|__|**
       GO TO K6h;

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

       (1) Always be allowed,   GO TO K6h2

       (2) Be allowed under some conditions, or GO TO K6h2

       (3) Never be allowed? GO TO SINTTP

         |__|

       DON'T KNOW OR REFUSED GO TO K6h2

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

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

☐

      (GO TO SINTTP)

S78 *** DO NOT READ ***

Enter line number of the person who
answered the supplement questions for
(NAME)

|__|__|

HOUSEHOLD ROSTER	
LN	NAME
01	(Person 1)
02	(Person 2)
03	(Person 3)
………….	
…………….	

GO TO SINTTP

SINTTP   *** DO NOT READ ***
          In what language was the interview conducted for this person?

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

|__|

ATTACHMENT 9

INDUSTRY CLASSIFICATION

Industry Classification Codes for Detailed Industry (4 digit)
(Starting January 2014)

These categories are aggregated into 52 detailed groups and 14 major groups (see pages 10-12 of this attachment). The codes in the right hand column are the NAICS equivalent.

These codes correspond to Items PEIO1ICD and PEIO2ICD, in positions 856-859 and 864-867 of the Basic CPS record layout in all months, **except March**. In the **March**, these codes correspond to PEIOIND and INDUSTRY, in positions 168-171 and 292-295 of the Person record.

CENSUS CODE	DESCRIPTION	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 and 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	23
	(Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction)	

Manufacturing
Nondurable Goods manufacturing

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

CODE	DESCRIPTION	INDUSTRY CODE

Durable Goods Manufacturing

CODE	DESCRIPTION	INDUSTRY 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
3095	Commercial and service industry machinery manufacturing	3333
3170	Metalworking machinery manufacturing	3335
3180	Engines, turbines, and power transmission equipment manufacturing	3336
3190	Machinery manufacturing, n.e.c.	Part of 333
3365	Computer and peripheral equipment manufacturing	3341
3370	Communications, audio, and video equipment manufacturing	3342, 3343
3380	Navigational, measuring, electromedical, and control instruments manufacturing	3345
3390	Electronic component and product manufacturing, n.e.c.	3344, 3346
3470	Household appliance manufacturing	3352
3490	Electrical lighting, equipment, and supplies manufacturing, n.e.c.	3351, 3353, 3359
3570	Motor vehicles and motor vehicle equipment manufacturing	3361, 3362, 3363
3580	Aircraft and parts manufacturing	336411 to 336413
3590	Aerospace products and parts manufacturing	336414, 336415, 336419
3670	Railroad rolling stock manufacturing	3365
3680	Ship and boat building	3366
3690	Other transportation equipment manufacturing	3369

CODE	DESCRIPTION	INDUSTRY CODE
3770	Sawmills and wood preservation	3211
3780	Veneer, plywood, and engineered wood products	3212
3790	Prefabricated wood buildings and mobile homes	321991, 321992
3875	Miscellaneous wood products	3219 exc. 321991, 321992
3895	Furniture and related product manufacturing	337
3960	Medical equipment and supplies manufacturing	3391
3970	Toys, amusement, and sporting goods manufacturing	33992, 33993
3980	Miscellaneous manufacturing, n.e.c.	3399 exc. 33992, 33993
3990	Not specified manufacturing industries	Part of 31, 32, 33

Wholesale Trade
Durable Goods Wholesale

CODE	DESCRIPTION	INDUSTRY CODE
4070	Motor vehicles, parts and supplies, merchant wholesalers	4231
4080	Furniture and home furnishing, merchant wholesalers	4232
4090	Lumber and other construction materials, merchant wholesalers	4233
4170	Professional and commercial equipment and supplies, merchant wholesalers	4234
4180	Metals and minerals, except petroleum, merchant wholesalers	4235
4195	Electrical goods, merchant wholesalers	4236
4265	Hardware, plumbing and heating equipment, and supplies, merchant wholesalers	4237
4270	Machinery, equipment, and supplies, merchant wholesalers	4238
4280	Recyclable material, merchant wholesalers	42393
4290	Miscellaneous durable goods, merchant wholesalers	4239 exc. 42393

Nondurable Goods Wholesale

CODE	DESCRIPTION	INDUSTRY CODE
4370	Paper and paper products, merchant wholesalers	4241
4380	Drugs, sundries, and chemical and allied products, merchant wholesalers	4242, 4246
4390	Apparel, fabrics, and notions, merchant wholesalers	4243
4470	Groceries and related products, merchant wholesalers	4244
4480	Farm product raw materials, merchant wholesalers	4245
4490	Petroleum and petroleum products, merchant wholesalers	4247
4560	Alcoholic beverages, merchant wholesalers	4248
4570	Farm supplies, merchant wholesalers	42491
4580	Miscellaneous nondurable goods, merchant wholesalers	4249 exc. 42491
4585	Wholesale electronic markets, agents and brokers	4251
4590	Not specified wholesale trade	Part of 42

Retail Trade

Code	Description	Industry 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
4795	Radio, TV, and computer stores	443112, 44312
4870	Building material and supplies dealers	4441 exc. 44413
4880	Hardware stores	44413
4890	Lawn and garden equipment and supplies stores	4442
4970	Grocery stores	4451
4980	Specialty food stores	4452
4990	Beer, wine, and liquor stores	4453
5070	Pharmacies and drug stores	4461
5080	Health and personal care, except drug, stores	446 exc. 44611
5090	Gasoline stations	447
5170	Clothing and accessories, except shoe, stores	448 exc. 44821, 4483
5180	Shoe stores	44821
5190	Jewelry, luggage, and leather goods stores	4483
5275	Sporting goods, camera, and hobby and toy stores	44313, 45111, 45112
5280	Sewing, needlework, and piece goods stores	45113
5295	Music stores	45114, 45122
5370	Book stores and news dealers	45121
5380	Department stores and discount stores	45211
5390	Miscellaneous general merchandise stores	4529
5470	Retail florists	4531
5480	Office supplies and stationery stores	45321
5490	Used merchandise stores	4533
5570	Gift, novelty, and souvenir shops	45322
5580	Miscellaneous retail stores	4539
5590	Electronic shopping	454111
5591	Electronic auctions	454112
5592	Mail order houses	454113
5670	Vending machine operators	4542
5680	Fuel dealers	45431
5690	Other direct selling establishments	45439
5790	Not specified retail trade	Part of 44, 45

Transportation and Warehousing

Code	Description	Industry 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

Code	Description	Industry 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	515
6672	Internet Publishing and Broadcasting	51913
6680	Wired telecommunications carriers	5171
6690	Other telecommunications services	517 exc. 5171
6695	Data processing, hosting, and related services	518
6770	Libraries and archives	51912
6780	Other information services	5191 exc. 51912, 51913

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

Code	Description	Industry 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

Code	Description	Industry Code
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

Code	Description	Industry Code
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

Code	Description	Industry Code
7570	Management of companies and enterprises	551

Administrative and support and waste management services

Code	Description	Industry Code
7580	Employment services	5613
7590	Business support services	5614
7670	Travel arrangements and reservation services	5615
7680	Investigation and security services	5616
7690	Services to buildings and dwellings	5617 exc. 56173
	(except cleaning during construction and immediately after construction)	7770
7770	Landscaping services	56173
7780	Other administrative and other support services	5611, 5612, 5619
7790	Waste management and remediation services	562

CODE	DESCRIPTION	INDUSTRY CODE

Educational, Health and Social Services

Educational Services

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

Health Care and Social Assistance

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

Arts, Entertainment, Recreation, Accommodation, and Food Services

Arts, Entertainment, and Recreation

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

Accommodation and Food 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

CODE	DESCRIPTION	INDUSTRY CODE

Other Services (Except Public Administration)

CODE	DESCRIPTION	INDUSTRY CODE
8770	Automotive repair and maintenance	8111 exc. 811192
8780	Car washes	811192
8790	Electronic and precision equipment repair and maintenance	8112
8870	Commercial and industrial machinery and equipment repair and maintenance	8113
8880	Personal and household goods repair and maintenance and footwear and leather goods repair	8114
8970	Barber shops	812111
8980	Beauty salons	812112
8990	Nail salons and other personal care services	812113, 81219
9070	Dry cleaning and laundry services	8123
9080	Funeral homes, cemeteries, and crematories	8122
9090	Other personal services	8129
9160	Religious organizations	8131
9170	Civic, social, advocacy organizations, and grant making and giving services	8132, 8133, 8134
9180	Labor unions	81393
9190	Business, professional, political, and similar organizations	8139 exc. 81393
9290	Private households	814

Public Administration

CODE	DESCRIPTION	INDUSTRY CODE
9370	Executive offices and legislative bodies	92111, 92112, 92114, pt. 92115
9380	Public finance activities	92113
9390	Other general government and support	92119
9470	Justice, public order, and safety activities	922, pt. 92115
9480	Administration of human resource programs	923
9490	Administration of environmental quality and housing programs	924, 925
9570	Administration of economic programs and space research	926, 927
9590	National security and international affairs	925

Armed Forces

CODE	DESCRIPTION	INDUSTRY CODE
9890	Armed Forces	9281

These codes correspond to Items PRDTIND1 and PRDTIND2 in positions 472-475 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTIND and are located in positions 209-210.

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture	0170 - 0180, 0290
2	Forestry, logging, fishing, hunting, and trapping	0190 - 0280
3	Mining	0370 - 0490
4	Construction	0770
5	Nonmetallic mineral products	2470 - 2590
6	Primary metals and fabricated metal products	2670 - 2990
7	Machinery manufacturing	3070 - 3290
8	Computer and electronic products	3365 - 3390
9	Electrical equipment, appliance manufacturing	3470, 3490
10	Transportation equipment manufacturing	3570 - 3690
11	Wood products	3770 - 3875
12	Furniture and fixtures manufacturing	3895
13	Miscellaneous and not specified manufacturing	3960 - 3990
14	Food manufacturing	1070 - 1290
15	Beverage and tobacco products	1370, 1390
16	Textile, apparel, and leather manufacturing	1470 - 1790
17	Paper and printing	1870 - 1990
18	Petroleum and coal products	2070, 2090
19	Chemical manufacturing	2170 - 2290
20	Plastics and rubber products	2370 - 2390
21	Wholesale trade	4070 - 4590
22	Retail trade	4670 - 5790
23	Transportation and warehousing	6070 - 6390
24	Utilities	0570 - 0690
25	Publishing industries (except internet)	6470 - 6490
26	Motion picture and sound recording industries	6570, 6590
27	Broadcasting (except internet)	6670
28	Internet publishing and broadcasting	6675
29	Telecommunications	6680, 6690
30	Internet service providers and data processing services	6692, 6695
31	Other information services	6770, 6780
32	Finance	6870 - 6970
33	Insurance	6990
34	Real estate	7070
35	Rental and leasing services	7080 - 7190
36	Professional and technical services	7270 – 7490
37	Management of companies and enterprises	7570
38	Administrative and support services	7580 - 7780
39	Waste management and remediation services	7790
40	Educational services	7860 - 7890
41	Hospitals	8190
42	Health care services, except hospitals	7970 - 8180

CODE	DESCRIPTION	INDUSTRY CODE
43	Social assistance	8370 - 8470
44	Arts, entertainment, and recreation	8560 - 8590
45	Accommodation	8660, 8670
46	Food services and drinking places	8680, 8690
47	Repair and maintenance	8770 - 8890
48	Personal and laundry services	8970 - 9090
49	Membership associations and organizations	9160 - 9190
50	Private households	9290
51	Public administration	9370 - 9590
52	Armed forces	9890

These codes correspond to Items PRMJIND1 and PRMJIND2 located in positions 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJIND and are located in positions 207-208.

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-
7	Information	6470-6780
8	Financial activities	6870-7190
9	Professional and business services	7270-7790
10	Educational and health services	7860-8470
11	Leisure and hospitality	8560-8690
12	Other services	8770-9290
13	Public administration	9370-9590
14	Armed Forces	9890

APPENDIX 10

OCCUPATION CLASSIFICATION

(Beginning May 2012)

These categories are aggregated into 23 detailed groups and 11 major groups (see pages 10-13 and 10-14).The codes in the right hand column are the 2010 SOC equivalent.

These codes correspond to items PEIO1OCD and PEIO2OCD in positions 860-863 and 868-871 of the Basic CPS record layout in all months. In **ASEC**, these codes correspond to items PEIOOCC and OCCUP located in positions 172-172 and 296-299 of the Persons Record. These codes are also applicable for any other CPS supplements that collect occupation data.

2010 CENSUS CODE	DESCRIPTION	2010 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
0330	Gaming managers	11-9071
0340	Lodging managers	11-9081
0350	Medical and health services managers	11-9111
0360	Natural sciences managers	11-9121
0410	Property, real estate, and community association managers	11-9141
0420	Social and community service managers	11-9151
0425	Emergency management directors	11-9161

2010
CENSUS
CODE   DESCRIPTION

2010
SOC
CODE

0430	Managers, all other	11-XXXX

Business and Financial Operations Occupations

Business Operations Specialists

0500	Agents and business managers of artists, performers, and athletes	13-1011
0510	Purchasing agents and buyers, farm products	13-1021
0520	Wholesale and retail buyers, except farm products	13-1022
0530	Purchasing agents, except wholesale, retail, and farm products	13-1023
0540	Claims adjusters, appraisers, examiners, and investigators	13-1030
0565	Compliance officers	13-1041
0600	Cost estimators	13-1051
0630	Human resource workers	13-1070
0640	Compensation, benefits, and job analysis specialists	13-1141
0650	Training and development specialists	13-1151
0700	Logisticians	13-1081
0710	Management analysts	13-1111
0725	Meeting, convention, and event planners	13-1121
0726	Fundraisers	13-1131
0735	Market research analysts and marketing specialists	13-1161
0740	Business operations specialists, all other	13-1199

Financial Specialists

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

Computer and Mathematical Occupations

1005	Computer and information research scientists	15-1111
1006	Computer systems analysts	15-1121
1007	Information security analysts	15-1122
1010	Computer programmers	15-1131
1020	Software developers, applications and systems software	15-113X
1030	Web developers	15-1134
1050	Computer support specialists	15-1150
1060	Database administrators	15-1141
1105	Network and computer systems administrators	15-1142
1106	Computer network architects	15-1143

1107	Computer occupations, all other	15-1199
1200	Actuaries	15-2011
1220	Operations research analysts	15-20XX
1240	Mathematicians, statisticians and miscellaneous mathematical science occupations	

Architecture and Engineering Occupations

1300	Architects, except naval	17-1010
1310	Surveyors, cartographers, and photogrammetrists	17-1020
1320	Aerospace engineers	17-2011
1340	Agricultural and biomedical engineers	17-20XX
1350	Chemical engineers	17-2041
1360	Civil engineers	17-2051
1400	Computer hardware engineers	17-2061
1410	Electrical and electronic engineers	17-2070
1420	Environmental engineers	17-2081
1430	Industrial engineers, including health and safety	17-2110
1440	Marine engineers and naval architects	17-2121
1450	Materials engineers	17-2131
1460	Mechanical engineers	17-2141
1500	Mining and geological engineers, including mining safety engineers	17-2151
1510	Nuclear engineers	17-2161
1520	Petroleum engineers	17-2171
1530	Engineers, all other	17-2199
1540	Drafters	17-3010
1550	Engineering technicians, except drafters	17-3020
1560	Surveying and mapping technicians	17-3031

Life, Physical, and Social Science Occupations

1600	Agricultural and food scientists	19-1010
1610	Biological scientists	19-1020
1640	Conservation scientists and foresters	19-1030
1650	Medical scientists and life scientists, all other	19-10XX
1700	Astronomers and physicists	19-2010
1710	Atmospheric and space scientists	19-2021
1720	Chemists and materials scientists	19-2030
1740	Environmental scientists and geoscientists	19-2040
1760	Physical scientists, all other	19-2099
1800	Economists	19-3011
1820	Psychologists	19-3030
1840	Urban and regional planners	19-3051
1860	Miscellaneous social scientists, including survey researchers and sociologists	19-30XX
1900	Agricultural and food science technicians	19-4011
1910	Biological technicians	19-4021
1920	Chemical technicians	19-4031
1930	Geological and petroleum technicians	19-4041
1965	Miscellaneous life, physical, and social science technicians	

2010
CENSUS
CODE DESCRIPTION

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SOC
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Community and Social Services Occupations

Code	Description	SOC Code
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

Code	Description	SOC Code
2100	Lawyers, Judges, magistrates, and other judicial workers	23-1011
		23-1020
2105	Judicial law clerks	23-1012
2145	Paralegals and legal assistants	23-2011
2160	Miscellaneous legal support workers	23-2090

Education, Training, and Library Occupations

Code	Description	SOC Code
2200	Postsecondary teachers	25-1000
2300	Preschool and kindergarten teachers	25-2010
2310	Elementary and middle school teachers	25-2020
2320	Secondary school teachers	25-2050
2330	Special education teachers	25-2040
2340	Other teachers and instructors	25-3000
2400	Archivists, curators, and museum technicians	25-4010
2430	Librarians	25-4021
2440	Library technicians	25-4031
2540	Teacher assistants	25-9041
2550	Other education, training, and library workers	25-90XX

Arts, Design, Entertainment, Sports, and Media Occupations

Code	Description	SOC Code
2600	Artists and related workers	27-1010
2630	Designers	27-1020
2700	Actors	27-2011
2710	Producers and directors	27-2012
2720	Athletes, coaches, umpires, and related workers	27-2020
2740	Dancers and choreographers	27-2030
2750	Musicians, singers, and related workers	27-2040
2760	Entertainers and performers, sports and related workers, all other	27-2099
2800	Announcers	27-3010
2810	News analysts, reporters and correspondents	27-3020
2825	Public relations specialists	27-3031
2830	Editors	27-3041
2840	Technical writers	27-3042
2850	Writers and authors	27-3043

2860	Miscellaneous media and communication workers	27-3090
2900	Broadcast and sound engineering technicians and radio operators, and media and communication equipment workers, all other	27-40XX
2910	Photographers	27-4021
2920	Television, video, and motion picture camera operators and editors	27-4030

Healthcare Practitioners and Technical Occupations

3000	Chiropractors	29-1011
3010	Dentists	29-1020
3030	Dietitians and nutritionists	29-1031
3040	Optometrists	29-1041
3050	Pharmacists	29-1051
3060	Physicians and surgeons	29-1060
3110	Physician assistants	29-1071
3140	Audiologists	29-1181
3150	Occupational therapists	29-1122
3160	Physical therapists	29-1123
3200	Radiation therapists	29-1124
3210	Recreational therapists	29-1125
3220	Respiratory therapists	29-1126
3230	Speech-language pathologists	29-1127
3245	Exercise physiologists and therapists, all other	29-112X
3250	Veterinarians	29-1131
3255	Registered nurses	29-1141
3256	Nurse anesthetists	29-1151
3258	Nurse midwives and nurse practitioners	29-11XX
3260	Health diagnosing and treating practitioners, all other	29-1199
3300	Clinical laboratory technologists and technicians	29-2010
3310	Dental hygienists	29-2021
3320	Diagnostic related technologists and technicians	29-2030
3400	Emergency medical technicians and paramedics	29-2041
3420	Health diagnosing and treating practitioner support technicians	29-2050
3500	Licensed practical and licensed vocational nurses	29-2061
3510	Medical records and health information technicians	29-2071
3520	Opticians, dispensing	29-2081
3535	Miscellaneous health technologists and technicians	29-2090
3540	Other healthcare practitioners and technical occupations, including podiatrists	29-XXXX

Healthcare Support Occupations

3600	Nursing, psychiatric, and home health aides	31-1010
3610	Occupational therapist assistants and aides	31-2010
3620	Physical therapist assistants and aides	31-2020
3630	Massage therapists	31-9011
3640	Dental assistants	31-9091
3645	Medical assistants	31-9092
3646	Medical transcriptionists	31-9094
3647	Pharmacy aides	31-9095
3648	Veterinary assistants and laboratory animal caretakers	31-9096
3649	Phlebotomists	31-9097

3655	Miscellaneous healthcare support occupations, including medical equipment preparers	31-909X

Protective Service Occupations

3700	First-line supervisors/managers of correctional officers	33-1011
3710	First-line supervisors/managers of police and detectives	33-1012
3720	First-line supervisors/managers of fire fighting and prevention workers	33-1021
3730	Supervisors, protective service workers, all other	33-1099
3740	Fire fighters	33-2011
3750	Fire inspectors	33-2020
3800	Bailiffs, correctional officers, and jailers	33-3010
3820	Detectives and criminal investigators	33-3021
3840	Miscellaneous law enforcement workers	33-30XX
3850	Police officers	33-3050
3900	Animal control workers	33-9011
3910	Private detectives and investigators	33-9021
3930	Security guards and gaming surveillance officers	33-9030
3940	Crossing guards	33-9091
3945	Transportation security screeners	33-9093
3955	Lifeguards and other recreational and all other protective service workers	33-909X

Food Preparation and Serving Related Occupations

4000	Chefs and head cooks	35-1011
4010	First-line supervisors/managers of food preparation and serving workers	35-1012
4020	Cooks	35-2010
4030	Food preparation workers	35-2021
4040	Bartenders	35-3011
4050	Combined food preparation and serving workers, including fast food	35-3021
4060	Counter attendants, cafeteria, food concession, and coffee shop	35-3022
4110	Waiters and waitresses	35-3031
4120	Food servers, nonrestaurant	35-3041
4130	Food preparation and serving related workers, all other including dining room and cafeteria attendants and bartender helpers	35-9011
4140	Dishwashers	35-9021
4150	Hosts and hostesses, restaurant, lounge, and coffee shop	35-9031

Building and Grounds Cleaning and Maintenance Occupations

4200	First-line supervisors/managers of housekeeping and janitorial workers	37-1011
4210	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	37-1012
4220	Janitors and building cleaners	31-201X
4230	Maids and housekeeping cleaners	37-2012
4240	Pest control workers	37-2021
4250	Grounds maintenance workers	37-3010

Personal Care and Service Occupations

4300	First-line supervisors/managers of gaming workers	39-1010
4320	First-line supervisors/managers of personal service workers	39-1021
4340	Animal trainers	39-2011
4350	Nonfarm animal caretakers	39-2021
4400	Gaming services workers	39-3010
4410	Motion picture projectionists	39-3021
4420	Ushers, lobby attendants, and ticket takers	39-3031
4430	Miscellaneous entertainment attendants and related workers	39-3090
4460	Embalmers and funeral attendants	39-40XX
4465	Morticians, undertakers, and funeral directors	39-4031
4500	Barbers	39-5011
4510	Hairdressers, hairstylists, and cosmetologists	39-5012
4520	Miscellaneous personal appearance workers	39-5090
4530	Baggage porters, bellhops, and concierges	39-6010
4540	Tour and travel guides	39-7010
4600	Child care workers	39-9011
4610	Personal and home care aides	39-9021
4620	Recreation and fitness workers	39-9030
4640	Residential advisors	39-9041
4650	Personal care and service workers, all other	39-9099

Sales and Related Occupations

4700	First-line supervisors/managers of retail sales workers	41-1011
4710	First-line supervisors/managers of non-retail sales workers	41-1012
4720	Cashiers	41-2010
4740	Counter and rental clerks	41-2021
4750	Parts salespersons	41-2022
4760	Retail salespersons	41-2031
4800	Advertising sales agents	41-3011
4810	Insurance sales agents	41-3021
4820	Securities, commodities, and financial services sales agents	41-3031
4830	Travel agents	41-3041
4840	Sales representatives, services, all other	41-3099
4850	Sales representatives, wholesale and manufacturing	41-4010
4900	Models, demonstrators, and product promoters	41-9010
4920	Real estate brokers and sales agents	41-9020
4930	Sales engineers	41-9031
4940	Telemarketers	41-9041
4950	Door-to-door sales workers, news and street vendors, and related workers	41-9091
4965	Sales and related workers, all other	41-9099

Office and Administrative Support Occupations

5000	First-line supervisors/managers of office and administrative support workers	43-1011
5010	Switchboard operators, including answering service	43-2011
5020	Telephone operators	43-2021
5030	Communications equipment operators, all other	43-2099

5100	Bill and account collectors	43-3011
5110	Billing and posting clerks and machine operators	43-3021
5120	Bookkeeping, accounting, and auditing clerks	43-3031
5130	Gaming cage workers	43-3041
5140	Payroll and timekeeping clerks	43-3051
5150	Procurement clerks	43-3061
5160	Tellers	43-3071
5165	Financial clerks, all other	43-3099
5200	Brokerage clerks	43-4011
5220	Court, municipal, and license clerks	43-4031
5230	Credit authorizers, checkers, and clerks	43-4041
5240	Customer service representatives	43-4051
5250	Eligibility interviewers, government programs	43-4061
5260	File Clerks	43-4071
5300	Hotel, motel, and resort desk clerks	43-4081
5310	Interviewers, except eligibility and loan	43-4111
5320	Library assistants, clerical	43-4121
5330	Loan interviewers and clerks	43-4131
5340	New accounts clerks	43-4141
5350	Correspondence clerks and order clerks	43-4XXX
5360	Human resources assistants, except payroll and timekeeping	43-4161
5400	Receptionists and information clerks	43-4171
5410	Reservation and transportation ticket agents and travel clerks	43-4181
5420	Information and record clerks, all other	43-4199
5500	Cargo and freight agents	43-5011
5510	Couriers and messengers	43-5021
5520	Dispatchers	43-5030
5530	Meter readers, utilities	43-5041
5540	Postal service clerks	43-5051
5550	Postal service mail carriers	43-5052
5560	Postal service mail sorters, processors, and processing machine operators	43-5053
5600	Production, planning, and expediting clerks	43-5061
5610	Shipping, receiving, and traffic clerks	43-5071
5620	Stock clerks and order fillers	43-5081
5630	Weighers, measurers, checkers, and samplers, recordkeeping	43-5111
5700	Secretaries and administrative assistants	43-6010
5800	Computer operators	43-9011
5810	Data entry keyers	43-9021
5820	Word processors and typists	43-9022
5840	Insurance claims and policy processing clerks	43-9041
5850	Mail clerks and mail machine operators, except postal service	43-9051
5860	Office clerks, general	43-9061
5900	Office machine operators, except computer	43-9071
5910	Proofreaders and copy markers	43-9081
5920	Statistical assistants	43-9111
5940	Office and administrative support workers, including desktop publishers	

Farming, Fishing, and Forestry Occupations

6005	First-line supervisors of farming, fishing, and forestry workers	45-1011
6010	Agricultural inspectors	45-2011
6040	Graders and sorters, agricultural products	45-2041
6050	Miscellaneous agricultural workers, including animal breeders	45-20XX
6100	Fishing and hunting workers	45-3000
6120	Forest and conservation workers	45-4011
6130	Logging workers	45-4020

Construction Trades

6200	First-line supervisors/managers of construction trades and extraction workers	47-1011
6210	Boilermakers	47-2011
6220	Brickmasons, blockmasons, and stonemasons	47-2020
6230	Carpenters	47-2031
6240	Carpet, floor, and tile installers and finishers	47-2040
6250	Cement masons, concrete finishers, and terrazzo workers	47-2050
6260	Construction laborers	47-2061
6300	Paving, surfacing, and tamping equipment operators	47-2071
6320	Construction equipment operators, except Paving, surfacing, and tamping equipment operators	47-207X
6330	Drywall installers, ceiling tile installers, and tapers	47-2080
6355	Electricians	47-2111
6360	Glaziers	47-2121
6400	Insulation workers	47-2130
6420	Painters, construction and maintenance and paperhangers	47-214X
6440	Pipelayers, plumbers, pipefitters, and steamfitters	47-2150
6460	Plasterers and stucco masons	47-2161
6500	Reinforcing iron and rebar workers	47-2171
6515	Roofers	47-2181
6520	Sheet metal workers	47-2211
6530	Structural iron and steel workers	47-2221
6600	Helpers, construction trades	47-3010
6660	Construction and building inspectors	47-4011
6700	Elevator installers and repairers	47-4021
6710	Fence erectors	47-4031
6720	Hazardous materials removal workers	47-4041
6730	Highway maintenance workers	47-4051
6740	Rail-track laying and maintenance equipment operators	47-4061
6750	Septic tank servicers and sewer pipe cleaners	47-4071
6765	Miscellaneous construction and related workers, including photovoltaic installers	

Extraction Workers

6800	Derrick, rotary drill, and service unit operators, oil, gas, and mining	47-5010
6820	Earth drillers, except oil and gas	47-5021
6830	Explosives workers, ordnance handling experts, and blasters	47-5031
6840	Mining machine operators	47-5040
6920	Roustabouts, oil and gas	47-5071
6940	Other extraction workers, including roof bolters and helpers	47-50XX

Installation, Maintenance, and Repair Workers

Code	Description	SOC Code
7000	First-line supervisors/managers of mechanics, installers, and repairers	49-1011
7010	Computer, automated teller, and office machine repairers	49-2011
7020	Radio and telecommunications equipment installers and repairers	49-2020
7030	Avionics technicians	49-2091
7040	Electric motor, power tool, and related repairers	49-2092
7100	Electrical and electronics repairers, transportation equipment, industrial and utility	49-209X
7110	Electronic equipment installers and repairers, motor vehicles	49-2096
7120	Electronic home entertainment equipment installers and repairers	49-2097
7130	Security and fire alarm systems installers	49-2098
7140	Aircraft mechanics and service technicians	49-3011
7150	Automotive body and related repairers	49-3021
7160	Automotive glass installers and repairers	49-3022
7200	Automotive service technicians and mechanics	49-3023
7210	Bus and truck mechanics and diesel engine specialists	49-3031
7220	Heavy vehicle and mobile equipment service technicians and mechanics	49-3040
7240	Small engine mechanics	49-3050
7260	Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	49-3090
7300	Control and valve installers and repairers	49-9010
7315	Heating, air conditioning, and refrigeration mechanics and installers	49-9021
7320	Home appliance repairers	49-9031
7330	Industrial and refractory machinery mechanics	49-904X
7340	Maintenance and repair workers, general	49-9071
7350	Maintenance workers, machinery	49-9043
7360	Millwrights	49-9044
7410	Electrical power-line installers and repairers	49-9051
7420	Telecommunications line installers and repairers	49-9052
7430	Precision instrument and equipment repairers	49-9060
7510	Coin, vending, and amusement machine servicers and repairers	49-9091
7540	Locksmiths and safe repairers	49-9094
7550	Manufactured building and mobile home installers	49-9095
7560	Riggers	49-9096
7610	Helpers--installation, maintenance, and repair workers	49-9098
7630	Other installation, maintenance, and repair workers, including wind turbine service technicians, commercial divers, and signal and train switch repairers	49-909X

Production Occupations

Code	Description	SOC Code
7700	First-line supervisors/managers of production and operating workers	51-1011
7710	Aircraft structure, surfaces, rigging, and systems assemblers	51-2011
7720	Electrical, electronics, and electromechanical assemblers	51-2020
7730	Engine and other machine assemblers	51-2031
7740	Structural metal fabricators and fitters	51-2041
7750	Miscellaneous assemblers and fabricators	51-2090
7800	Bakers	51-3011
7810	Butchers and other meat, poultry, and fish processing workers	51-3020
7830	Food and tobacco roasting, baking, and drying machine operators and tenders	51-3091
7840	Food batchmakers	51-3092

7850	Food cooking machine operators and tenders	51-3093
7855	Food processing workers, all other	51-3099
7900	Computer control programmers and operators	51-4010
7920	Extruding and drawing machine setters, operators, and tenders, metal and plastic	51-4021
7940	Rolling machine setters, operators, and tenders and forging machine setters, operators, and tenders, metal and plastic	51-402X
7950	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	51-4031
8000	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	51-4033
8010	Lathe and turning machine tool setters, operators, and tenders, metal and plastic	51-4034
8030	Machinists	51-4041
8040	Metal furnace and kiln operators and tenders	51-4050
8100	Molders and molding machine setters, operators, and tenders, metal and plastic	51-4070
8130	Tool and die makers	51-4111
8140	Welding, soldering, and brazing workers	51-4120
8200	Plating and coating machine setters, operators, and tenders, metal and plastic	51-4193
8210	Tool grinders, filers, and sharpeners	51-4194
8220	Metalworkers and plastic workers, all other	51-4XXX
8250	Prepress technicians and workers	51-5111
8255	Printing press operators	51-5112
8256	Print binding and finishing workers	51-5113
8300	Laundry and dry-cleaning workers	51-6011
8310	Pressers, textile, garment, and related materials	51-6021
8320	Sewing machine operators	51-6031
8330	Shoe and leather workers and repairers	51-6041
8350	Tailors, dressmakers, and sewers	51-6050
8400	Textile cutting machine setters, operators, and tenders	51-6062
8410	Textile knitting and weaving machine setters, operators, and tenders	51-6063
8420	Textile winding, twisting, and drawing out machine setters, operators and tenders	51-6064
8450	Upholsterers	51-6093
8460	Miscellaneous textile, apparel, and furnishings workers, except upholsterers	51-60XX
8500	Cabinetmakers and bench carpenters	51-7011
8510	Furniture finishers	51-7021
8530	Sawing machine setters, operators, and tenders, wood	51-7041
8540	Woodworking machine setters, operators, and tenders, except sawing	51-7042
8550	Miscellaneous woodworkers, including model makers and pattern makers	51-70XX
8600	Power plant operators, distributors, and dispatchers	51-8010
8610	Stationary engineers and boiler operators	51-8021
8620	Water and liquid waste treatment plant and system operators	51-8031
8630	Miscellaneous plant and system operators	51-8090
8640	Chemical processing machine setters, operators, and tenders	51-9010
8650	Crushing, grinding, polishing, mixing, and blending workers	51-9020
8710	Cutting workers	51-9030
8720	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	51-9041
8730	Furnace, kiln, oven, drier, and kettle operators and tenders	51-9051
8740	Inspectors, testers, sorters, samplers, and weighers	51-9061
8750	Jewelers and precious stone and metal workers	51-9071
8760	Medical, dental, and ophthalmic laboratory technicians	51-9080
8800	Packaging and filling machine operators and tenders	51-9111
8810	Painting workers	51-9120
8830	Photographic process workers and processing machine operators	51-9130

8850	Cementing and gluing machine operators and tenders	51-9191
8860	Cleaning, washing, and metal pickling equipment operators and tenders	51-9192
8910	Etchers and engravers	51-9194
8920	Molders, shapers, and casters, except metal and plastic	51-9195
8930	Paper goods machine setters, operators, and tenders	51-9196
8940	Tire builders	51-9197
8950	Helpers--production workers	51-9198
8965	Production workers, including semiconductor processors and cooling and freezing equipment operators	51-91XX

Transportation and Material Moving Occupations

9000	Supervisors, transportation and material moving workers	53-1000
9030	Aircraft pilots and flight engineers	53-2010
9040	Air traffic controllers and airfield operations specialists	53-2020
9110	Ambulance drivers and attendants, except emergency medical technicians	53-3011
9120	Bus drivers	53-3020
9130	Driver/sales workers and truck drivers	53-3030
9140	Taxi drivers and chauffeurs	53-3041
9150	Motor vehicle operators, all other	53-3099
9200	Locomotive engineers and operators	53-4010
9240	Railroad brake, signal, switch operators, conductors and yardmasters	53-40XX
9260	Subway, streetcar, and other rail transportation workers	53-30XX
9300	Sailors and marine oilers, and ship engineers	53-50XX
9310	Ship and boat captains and operators	53-5020
9350	Parking lot attendants	53-6021
9360	Service station attendants	53-6031
9410	Transportation inspectors	53-6051
9415	Transportation attendants, except flight attendants	53-6061
9420	Other transportation workers, including bridge and lock tenders	53-60XX
9510	Crane and tower operators	53-7021
9520	Dredge, excavating, and loading machine operators	53-7030
9560	Hoist and winch operators, and conveyor operators and tenders	53-70XX
9600	Industrial truck and tractor operators	53-7051
9610	Cleaners of vehicles and equipment	53-7061
9620	Laborers and freight, stock, and material movers, hand	53-7062
9630	Machine feeders and offbearers	53-7063
9640	Packers and packagers, hand	53-7064
9650	Pumping station operators	53-7070
9720	Refuse and recyclable material collectors	53-7081
9750	Material moving workers, including mine shuttle operators and tank car, truck, and ship loaders	53-71XX

Armed Forces

| *9840 | Armed Forces | |

Detailed Occupation Recodes
(01-23)

These codes correspond to Items PRDTOCC1 and PRDTOCC2 in positions 476-479 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTOCC and are located in positions 161-162.

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management occupations	0010-0430
2	Business and financial operations occupations	0500-0950
3	Computer and mathematical science occupations	1000-1240
4	Architecture and engineering occupations	1300-1560
5	Life, physical, and social science occupations	1600-1965
6	Community and social service occupation	2000-2060
7	Legal occupations	2100-2160
8	Education, training, and library occupations	2200-2550
9	Arts, design, entertainment, sports, and media occupations	2600-2960
10	Healthcare practitioner and technical occupations	3000-3540
11	Healthcare support occupations	3600-3655
12	Protective service occupations	3700-3955
13	Food preparation and serving related occupations	4000-4160
14	Building and grounds cleaning and maintenance occupations	4200-4250
15	Personal care and service occupations	4300-4650
16	Sales and related occupations	4700-4965
17	Office and administrative support occupations	5000-5940
18	Farming, fishing, and forestry occupations	6000-6130
19	Construction and extraction occupations	6200-6940
20	Installation, maintenance, and repair occupations	7000-7630
21	Production occupations	7700-8965
22	Transportation and material moving occupations	9000-9750
23	Armed Forces	9840

Major Occupation Group Recodes
(01-11)

These codes correspond to Items 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	4700-4965
5	Office and administrative support occupations	5000-5940
6	Farming, fishing, and forestry occupations	6000-6130
7	Construction and extraction occupations	6200-6940
8	Installation, maintenance, and repair occupations	7000-7630
9	Production occupations	7700-8965
10	Transportation and material moving occupations	9000-9750
11	Armed Forces	9840

ATTACHMENT 11

Specific Metropolitan Identifiers

**(Geographic Attachment for
CPS Public Use File Documentation
Beginning May 2014)**

List 1. FIPS Metropolitan Area (CBSA) Codes

List 2. FIPS Consolidated Statistical Area (CSA) Codes

List 3. Individual Principal Cities

List 4: FIPS County Codes

Unless otherwise noted, all definitions for geographic areas on these lists reflect the February 28, 2013 OMB definitions.

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

LIST 1: FIPS Metropolitan Area (CBSA) Codes

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

FIPS Code	Metropolitan (CBSA) TITLE
10180	Abilene, TX
10420	Akron, OH
10500	Albany, GA
10580	Albany-Schenectady-Troy, NY
10740	Albuquerque, NM
10900	Allentown-Bethlehem-Easton, PA-NJ
11020	Altoona, PA
11100	Amarillo, TX
11300	Anderson, IN*
11340	Anderson, SC*
11460	Ann Arbor, MI
11500	Anniston-Oxford-Jacksonville, AL
11540	Appleton, WI
11700	Asheville, NC
12020	Athens-Clarke County, GA
12060	Atlanta-Sandy Springs-Roswell, GA
12100	Atlantic City-Hammonton, NJ
12220	Auburn-Opelika, AL
12260	Augusta-Richmond County, GA-SC
12420	Austin-Round Rock, TX
12540	Bakersfield, CA
12580	Baltimore-Columbia-Towson, MD
12620	Bangor, ME
12700	Barnstable, MA
12940	Baton Rouge, LA
12980	Battle Creek, MI
13140	Beaumont-Port Arthur, TX
13380	Bellingham, WA*
13460	Bend-Redmond, OR
13740	Billings, MT
13780	Binghamton, NY
13820	Birmingham-Hoover, AL
13980	Blacksburg—Christiansburg-Radford, VA
14010	Bloomington, IL
14020	Bloomington, IN

FIPS Code	Metropolitan (CBSA) TITLE
14060	Bloomington-Normal, IL*
14260	Boise City, ID
14460	Boston-Cambridge-Newton, MA-NH
14500	Boulder, CO
14540	Bowling Green, KY
14740	Bremerton-Silverdale, WA*
14860	Bridgeport-Stamford-Norwalk, CT
15180	Brownsville-Harlingen, TX
15380	Buffalo-Cheektowaga-Niagara Falls, NY
15500	Burlington, NC
15540	Burlington-South Burlington, VT
15680	California-Lexington Park, MD
15940	Canton-Massillon, OH
15980	Cape Coral-Fort Myers, FL
16060	Carbondale-Marion, IL
16300	Cedar Rapids, IA
16540	Chambersburg-Waynesboro, PA
16580	Champaign-Urbana, IL
16620	Charleston, WV
16700	Charleston-North Charleston, SC
16740	Charlotte-Concord-Gastonia, NC-SC
16820	Charlottesville, VA
16860	Chattanooga, TN-GA
16980	Chicago-Naperville-Elgin, IL-IN-WI
17020	Chico, CA
17140	Cincinnati, OH-KY-IN
17300	Clarksville, TN-KY
17420	Cleveland, TN
17460	Cleveland-Elyria, OH
17660	Coeur d'Alene, ID
17780	College Station-Bryan, TX
17820	Colorado Springs, CO
17860	Columbia, MO
17900	Columbia, SC
17980	Columbus, GA-AL
18140	Columbus, OH
18580	Corpus Christi, TX
19100	Dallas-Fort Worth-Arlington, TX
19300	Daphne-Fairhope-Foley, AL
19340	Davenport-Moline-Rock Island, IA-IL
19380	Dayton, OH
19460	Decatur, Al

FIPS Code	Metropolitan (CBSA) TITLE
19500	Decatur, IL
19660	Deltona-Daytona Beach-Ormond Beach, FL
19740	Denver-Aurora-Lakewood, CO
19780	Des Moines-West Des Moines, IA
19820	Detroit-Warren-Dearborn, MI
20100	Dover, DE
20260	Duluth, MN-WI
20500	Durham-Chapel Hill, NC
20700	East Stroudsburg, PA
20740	Eau Claire, WI
20940	El Centro, CA
21140	Elkhart-Goshen, IN
21340	El Paso, TX
21500	Erie, PA
21660	Eugene, OR
21780	Evansville, IN-KY
22020	Fargo, ND-MN
22140	Farmington, NM
22180	Fayetteville, NC
22220	Fayetteville-Springdale-Rogers, AR-MO
22420	Flint, MI
22500	Florence, SC
22520	Florence-Muscle Shoals, AL
22660	Fort Collins, CO
22900	Fort Smith, AR-OK
23020	Fort Walton Beach-Crestview-Destin, FL*
23060	Fort Wayne, IN
23420	Fresno, CA
23540	Gainesville, FL
23580	Gainesville, GA
24020	Glen Falls, NY
24140	Goldsboro, NC
24340	Grand Rapids-Wyoming, MI
24540	Greeley, CO
24580	Green Bay, WI
24660	Greensboro-High Point, NC
24780	Greenville, NC
24860	Greenville, SC
25060	Gulfport-Biloxi, MS*
25180	Hagerstown-Martinsburg, MD-WV
25260	Hanford-Corcoran, CA
25420	Harrisburg-Carlisle, PA

FIPS Code	Metropolitan (CBSA) TITLE
25500	Harrisonburg, VA*
25540	Hartford-West Hartford-East Hartford, CT
25860	Hickory-Morganton-Lenoir, NC
25940	Hilton Head Island-Bluffton-Beaufort, SC
26100	Holland-Grand Haven, MI*
26180	Honolulu, HI*
26420	Houston-Baytown-Sugar Land, TX
26580	Huntington-Ashland, WV-KY-OH
26620	Huntsville, AL
26820	Idaho Falls, ID
26900	Indianapolis, IN
26980	Iowa City, IA
27100	Jackson, MI
27140	Jackson, MS
27260	Jacksonville, FL
27340	Jacksonville, NC
27500	Janesville-Beloit, WI
27740	Johnson City, TN
27780	Johnstown, PA
27900	Joplin, MO*
27980	Kahului-Wailuku-Lahaina, HI
28020	Kalamazoo-Portage, MI
28100	Kankakee-Bradley, IL*
28140	Kansas City, MO-KS
28420	Kennewick-Richland, WA
28660	Killeen-Temple-Fort Hood, TX
28700	Kingsport-Bristol, TN-VA
28740	Kingston, NY*
28940	Knoxville, TN
29100	La Crosse, WI-MN*
29180	Lafayette, LA
29200	Lafayette-West Lafayette, IN
29340	Lake Charles, LA
29460	Lakeland-Winter Haven, FL
29540	Lancaster, PA
29620	Lansing-East Lansing, MI
29700	Laredo, TX
29740	Las Cruces, NM
29820	Las Vegas-Paradise, NV
29940	Lawrence, KS*
30020	Lawton, OK*
30340	Lewiston-Auburn, ME

FIPS Code	Metropolitan (CBSA) TITLE
30460	Lexington-Fayette, KY
30780	Little Rock-North Little Rock, AR
30980	Longview, TX
31080	Los Angeles-Long Beach-Anaheim, CA (Note the CBSA code change between 2003 and 2013)
31100	Los Angeles-Long Beach-Santa Ana, CA*
31140	Louisville, KY-IN
31180	Lubbock, TX
31340	Lynchburg, VA*
31420	Macon, GA
31460	Madera, CA*
31540	Madison, WI
31700	Manchester-Nashua, NH
32580	McAllen-Edinburg-Mission, TX
32780	Medford, OR
32820	Memphis, TN-MS-AR
32900	Merced, CA*
33100	Miami-Fort Lauderdale-West Palm Beach, FL
33140	Michigan City-La Porte, IN*
33260	Midland, TX*
33340	Milwaukee-Waukesha-West Allis, WI
33460	Minneapolis-St Paul-Bloomington, MN-WI
33660	Mobile, AL
33700	Modesto, CA
33740	Monroe, LA
33780	Monroe, MI
33860	Montgomery, AL
34060	Morgantown, WV
34580	Mount Vernon-Anacortes, WA
34740	Muskegon-Norton Shores, MI
34820	Myrtle Beach-Conway-North Myrtle Beach, SC-NC
34900	Napa, CA*
34940	Naples-Immokalee-Marco Island, FL
34980	Nashville-Davidson-Murfreesboro, TN
35300	New Haven-Milford, CT
35380	New Orleans-Metairie, LA
35620	New York-Newark- Jersey City, NY-NJ-PA (White Plains central city recoded to balance of metropolitan)
35660	Niles-Benton Harbor, MI
35840	North-Port-Sarasota-Bradenton, FL
35980	Norwich-New London, CT
36100	Ocala, FL

FIPS Code	Metropolitan (CBSA) TITLE
36140	Ocean City, NJ*
36220	Odessa, TX
36260	Ogden-Clearfield, UT
36420	Oklahoma City, OK
36500	Olympia, WA*
36540	Omaha-Council Bluffs, NE-IA
36740	Orlando, FL
36780	Oshkosh-Neenah, WI
37100	Oxnard-Thousand Oaks-Ventura, CA
37340	Palm Bay-Melbourne-Titusville, FL
37460	Panama City, FL
37860	Pensacola-Ferry Pass-Brent, FL
37900	Peoria, IL
37980	Philadelphia-Camden-Wilmington, PA-NJ-DE
38060	Phoenix-Mesa-Scottsdale, AZ
38220	Pine Bluff, AR
38300	Pittsburgh, PA
38860	Portland-South Portland, ME
38900	Portland-Vancouver-Hillsboro, OR-WA
38940	Port St. Lucie-Fort Pierce, FL
39100	Poughkeepsie-Newburgh-Middletown, NY*
39140	Prescott, AZ
39300	Providence-Warwick, RI-MA
39340	Provo-Orem, UT
39380	Pueblo, CO*
39460	Punta Gorda, FL*
39540	Racine, WI
39580	Raleigh, NC
39740	Reading, PA
39820	Redding, CA
39900	Reno-Sparks, NV*
40060	Richmond, VA
40140	Riverside-San Bernardino-Ontario, CA
40220	Roanoke, VA
40380	Rochester, NY
40420	Rockford, IL
40900	Sacramento--Arden-Arcade–Roseville, CA
40980	Saginaw, MI
41060	St. Cloud, MN*
41100	St. George, UT
41180	St. Louis, MO-IL
41420	Salem, OR

FIPS Code	Metropolitan (CBSA) TITLE
41500	Salinas, CA
41540	Salisbury, MD
41620	Salt Lake City, UT
41700	San Antonio, TX
41740	San Diego-Carlsbad-San Marcos, CA
41860	San Francisco-Oakland-Fremont, CA
41940	San Jose-Sunnyvale-Santa Clara, CA
42020	San Luis Obispo-Paso Robles, CA
42060	Santa Barbara-Santa Maria-Goleta, CA*
42100	Santa Cruz-Watsonville, CA
42140	Santa Fe, NM
42220	Santa Rosa-Petaluma, CA
42260	Sarasota-Bradenton-Venice, FL*
42340	Savannah, GA
42540	Scranton--Wilkes-Barre, PA
42660	Seattle-Tacoma-Bellevue, WA
43300	Sherman-Dennison, TX
43340	Shreveport-Bossier City, LA
43620	Sioux Falls, SD
43780	South Bend-Mishawaka, IN-MI
43900	Spartanburg, SC
44060	Spokane-Spokane Valley, WA
44100	Springfield, IL
44140	Springfield, MA
44180	Springfield, MO
44220	Springfield, OH*
44700	Stockton, CA
45060	Syracuse, NY
45220	Tallahassee, FL
45300	Tampa-St. Petersburg-Clearwater, FL
45460	Terre Haute, IN
45780	Toledo, OH
45820	Topeka, KS
45940	Trenton, NJ
46060	Tucson, AZ
46140	Tulsa, OK
46220	Tuscaloosa, AL*
46340	Tyler, TX
46520	Urban Honolulu, HI
46540	Utica-Rome, NY
46660	Valdosta, GA*
46700	Vallejo-Fairfield, CA

FIPS Code	Metropolitan (CBSA) TITLE
46940	Vero Beach, FL
47020	Victoria, TX*
47220	Vineland-Bridgeton, NJ
47260	Virginia Beach-Norfolk-Newport News, VA-NC
47300	Visalia-Porterville, CA
47380	Waco, TX
47580	Warner Robins, GA
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
47940	Waterloo-Cedar Falls, IA
48060	Watertown-Fort Drum, NY
48140	Wausau, WI
48620	Wichita, KS
48660	Wichita Falls, TX
48700	Williamsport, PA
49020	Winchester, VA-WV
49180	Winston-Salem, NC
49340	Worcester, MA-CT
49420	Yakima, WA*
49620	York-Hanover, PA
49660	Youngstown-Warren-Boardman, OH-PA
49740	Yuma, AZ

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

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

LIST 2: FIPS Consolidated Statistical Area (CSA) Codes

The following CSA's (Combined Statistical Areas) contain 2 or more Metropolitan Statistical
Areas that are in the CPS sample and are individually identified on the public use files.
Micropolitan Statistical Areas are not specifically identified in the CPS and are not used to
identify CSA's nor are parts of such areas coded as belonging to CSA's. The component
CBSA's identified on the CPS Public Use Files are listed for each CSA.

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

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

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

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

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

CSA Code	CBSA Code	CSA Title / Component Parts (CBSA's)
488		San Jose-San Francisco-Oakland, CA
	34900	Napa, CA
	41860	San Francisco-Oakland-Hayward, CA
	41940	San Jose-Sunnyvale-Santa Clara, CA
	42100	Santa Cruz-Watsonville, CA
	42220	Santa Rosa, CA
	44700	Stockton-Lodi, CA
	46700	Vallejo-Fairfield, CA
500		Seattle-Tacoma-Olympia, WA
	14740	Bremerton-Silverdale, WA*
	34580	Mount Vernon-Anacortes, WA
	36500	Olympia, WA*
	42660	Seattle-Tacoma-Bellevue, WA
515		South Bend-Elkhart-Mishawaka, IN-MI
	21140	Elkhart-Goshen, IN
	35660	Niles-Benton Harbor, MI
	43780	South Bend-Mishawaka, IN-MI
518		Spokane-Spokane Valley-Coeur d'Alene, WA-ID
	17660	Coeur d'Alene, ID
	44060	Spokane-Spokane Valley, WA
546		Visalia-Porterville-Hanford, CA
	25260	Hanford-Corcoran, CA
	47300	Visalia-Porterville, CA
548		Washington-Baltimore-Arlington, DC-MD-VA-WV-PA
	12580	Baltimore-Columbia-Towson, MD
	15680	California-Lexington Park, MD
	16540	Chambersburg-Waynesboro, PA
	25180	Hagerstown-Martinsburg, MD-WV
	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
	49020	Winchester, VA-WV

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

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)

NOTE: As with the NECTA codes, these CNECTA codes are being phased-out.

715		Boston-Worcester-Manchester, MA-NH-CT-ME
	71650	Boston-Cambridge-Quincy, MA-NH NECTA
	74500	Leominster-Fitchburg-Gardner, MA NECTA
	79600	Worcester, MA-CT NECTA
720		Bridgeport-New Haven-Stamford, CT
	71950	Bridgeport-Stamford-Norwalk, CT NECTA
	72850	Danbury, CT NECTA
	75700	New Haven, CT NECTA
	78700	Waterbury, CT NECTA

List 3: Individual Principal Cities

Please Note: You must use the CBSA code in combination with the city code to uniquely identify principal cities. If a county name is provided, you must incorporate the county code into any algorithm used to tabulate a specific city's characteristics. The same applies to state codes for multi-state CBSA's.

CBSA Code	Title City	GTINDVPC
38060	Phoenix-Mesa-Scottsdale, AZ	
	Phoenix	1
	Mesa	2
	Scottsdale	3
	Tempe	4
	Glendale	5
30780	Little Rock-North Little Rock-Conway. AR	
	Little Rock	1
31080	Los Angeles-Long Beach-Anaheim, CA	
	Los Angeles County	
	Los Angeles	1
	Long Beach	2
	Glendale	3
	Pomona	4
	Torrance	5
	Pasadena	6
	Burbank	7
	Orange County	
	Santa Ana	1
	Anaheim	2
	Irvine	3
	Orange	4
	Fullerton	5
	Costa Mesa	6
37100	Oxnard-Thousand Oaks-Ventura, CA	
	Oxnard	1
	Thousand Oaks	2

CBSA Code	Title City	GTINDVPC
40140	Riverside-San Bernardino-Ontario, CA	
	Riverside	1
	San Bernardino	2
	Ontario	3
	Temecula	4
	Victorville	5
40900	Sacramento–Roseville-Arden-Arcade, CA	
	Sacramento	1
	Roseville	2
41740	San Diego-Carlsbad, CA	
	San Diego	1
	Carlsbad	2
41860	San Francisco-Oakland-Hayward, CA	
	San Francisco	1
	Oakland	2
	Fremont	3
	Hayward	4
	Berkeley	5
41940	San Jose-Sunnyvale-Santa Clara, CA	
	San Jose	1
	Sunnyvale	2
	Santa Clara	3
46700	Vallejo-Fairfield, CA	
	Vallejo	1
	Fairfield	2
19740	Denver-Aurora-Lakewood, CO	
	Denver	1
	Lakewood	2
14860	Bridgeport-Stamford-Norwalk, CT	
	Bridgeport	1
	Stamford	2

CBSA Code	Title City	GTINDVPC
5540	Hartford-West Hartford-East Hartford, CT	
	Hartford	1
33100	Miami-Fort Lauderdale-West Palm Beach, FL	
	Broward County	
	Fort Lauderdale	1
	Miami-Dade County	
	Miami	1
36740	Orlando-Kissimmee-Sanford, FL	
	Orlando	1
37340	Palm Bay-Melbourne-Titusville, FL	
	Palm Bay	1
45300	Tampa-St. Petersburg-Clearwater, FL	
	St. Petersburg	1
	Tampa	2
12060	Atlanta-Sandy Springs-Roswell, GA	
	Atlanta	1
16980	Chicago-Naperville-Elgin, IL-IN-WI	
	Chicago	1
	Naperville	2
	Joliet	3
	Elgin	4
26900	Indianapolis-Carmel-Anderson. IN	
	Indianapolis	1
28140	Kansas City, MO-KS	
	Kansas portion	
	Kansas City	1
	Overland Park	2
	Missouri portion	
	Kansas City	1
35380	New Orleans-Metairie, LA	
	New Orleans	1
	Metairie	2

CBSA Code	Title City	GTINDVPC
12580	Baltimore-Columbia-Towson. MD	
	Baltimore	1
14460	Boston-Cambridge-Newton, MA-NH	
	Massachusetts portion	
	Boston	1
	Cambridge	2
19820	Detroit-Warren-Dearborn, MI	
	Wayne County	
	Detroit	1
	Livonia	2
	Macomb County	
	Warren	1
33460	Minneapolis-St. Paul-Bloomington, MN-WI	
	Minneapolis	1
	St. Paul	2
29820	Las Vegas-Henderson--Paradise, NV	
	Las Vegas	1
	Paradise	2
	Henderson	3
35620	New York-Newark- Jersey City, NY-NJ-PA	
	New Jersey portion	
	Newark	1
	Jersey City	2
	New York portion	
	New York	1
15380	Buffalo-Cheektowaga-Niagara Falls, NY	
	Buffalo	1
16740	Charlotte -Concord-Gastonia, NC-SC	
	Charlotte	1
38900	Portland-Vancouver-Hillsboro, OR-WA	
	Portland	1

CBSA Code	Title City	GTINDVPC
39300	Providence-Warwick, RI-MA	
	Rhode Island portion	
	Providence	1
34980	Nashville-Davidson—Murfreesboro—Franklin, TN	
	Nashville-Davidson	1
19100	Dallas-Fort Worth-Arlington, TX	
	Dallas	1
	Fort Worth	2
	Carrollton	3
	Plano	4
	Irving	5
	Arlington	6
26420	Houston-The Woodlands-Sugar Land, TX	
	Houston	1
32580	McAllen-Edinburg-Mission, TX	
	McAllen	1
47260	Virginia Beach-Norfolk-Newport News, VA-NC	
	Virginia portion	
	Virginia Beach	1
	Norfolk	2
	Newport News	3
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
	Everett	4
33340	Milwaukee-Waukesha-West Allis, WI	
	Milwaukee	1

List 4: FIPS County Codes

Please note that these county codes must be used in conjunction with state codes to create unique county identifiers as county codes start with 001 in each state.

FIPS
County   County
Code   Name   State

Alabama

FIPS County Code	County Name	State
003	Baldwin*	
015	Calhoun	
073	Jefferson	
081	Lee	
097	Mobile	
117	Shelby	

Arizona

003	Cochise*	
013	Maricopa	
015	Mohave*	
019	Pima	
021	Pinal	
025	Yavapai	
027	Yuma	

Arkansas

119	Pulaski	

California

001	Alameda	
007	Butte	
017	El Dorado	
019	Fresno	
025	Imperial	
029	Kern	
031	Kings	
037	Los Angeles	

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

Colorado

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

Connecticut

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

FIPS
County   County
Code   Name   State

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
033   Escambia
053   Hernando
057   Hillsborough
061   Indian River
069   Lake
071   Lee
083   Marion
085   Martin
086   Miami-Dade
091   Okaloosa
095   Orange
099   Palm Beach
101   Pasco
103   Pinellas
105   Polk
109   St. Johns
111   St. Lucie
113   Santa Rosa
117   Seminole
127   Volusia

FIPS
County   County
Code   Name   State

Georgia

015   Bartow
045   Carroll
057   Cherokee
063   Clayton
077   Coweta
097   Douglas
113   Fayette
117   Forsythe
135   Gwinnett
139   Hall
151   Henry
153   Houston
223   Paulding

Hawaii

001   Hawaii*
003   Honolulu

Idaho

055   Kootenai

Illinois

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

FIPS County Code	County Name	State

Indiana

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

Iowa

103	Johnson	
113	Linn	
153	Polk	
163	Scott	

Kansas

045	Douglas	
091	Johnson	
173	Sedgwick	

Kentucky

015	Boone	
067	Fayette	
111	Jefferson	
117	Kenton	

Louisiana

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

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

Maine

001	Androscoggin	
005	Cumberland	
011	Kennebec*	
019	Penobscot	

Maryland

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

Massachusetts

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

FIPS
County   County
Code   Name   State

Michigan

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

Minnesota

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

Missouri

019	Boone	
071	Franklin	
099	Jefferson	
189	St. Louis	

FIPS County Code	County Name	State

Montana

111	Yellowstone	

Nebraska

055	Douglas	
153	Sarpy	

Nevada

003	Clark	

New Hampshire

011	Hillsborough	
013	Merrimack*	
015	Rockingham	
017	Strafford	

New Jersey

003	Bergen	
005	Burlington	
007	Camden	
009	Cape May	
011	Cumberland	
013	Essex	
017	Hudson	
019	Hunterdon	
021	Mercer	
023	Middlesex	
025	Monmouth	
027	Morris	
029	Ocean	
031	Passaic	
035	Somerset	
037	Sussex	
039	Union	
041	Warren	

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	
087	Rockland	
091	Saratoga	
103	Suffolk	
111	Ulster	
119	Westchester	

North Carolina

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

FIPS
County
Code

County
Name

State

183	Wake	
191	Wayne	

Ohio

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

Oklahoma

031	Comanche	

Oregon

017	Deschutes	
029	Jackson	
039	Lane	
041	Linn*	

FIPS County Code	County Name	State

Pennsylvania

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

South Carolina

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

FIPS County Code	County Name	State

Tennessee

009	Blount	
093	Knox	
125	Montgomery	
165	Sumner	
189	Wilson	

Texas

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

Utah

049	Utah	
053	Washington	

FIPS
County   County
Code   Name   State

Virginia

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

Washington

FIPS County Code	County Name	State
033	King	
035	Kitsap	
053	Pierce	
057	Skagit	
061	Snohomish	
063	Spokane	
067	Thurston	
073	Whatcom	
077	Yakima	

West Virginia

FIPS County Code	County Name	State
039	Kanawha	

Wisconsin

FIPS County Code	County Name	State
059	Kenosha	
063	Lacrosse	
073	Marathon	

```
FIPS
County          County
Code            Name            State


101             Racine
105             Rock
139             Winnebago
```

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

2010 Design

CBSA Code	Title	County Name	County Code
12300	Augusta-Waterville, ME	Kennebec	005
18180	Concord, NH	Merrimack	011
26090	Holland, MI	Allegan	005
31300	Lumberton, NC	Robeson	155
39060	Pottsville, PA	Schuylkill	107
45860	Torrington, CT	Litchfield	005

2000 Design

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 May 2015
Tobacco Use Supplements

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

The tallies that follow represent all persons in sample who were eligible for the supplement.
Persons in sample: 151,503[1]
Not eligible for the supplement: 51,452[2]
Eligible for the supplement: 100,051[3]
Supplement noninterviews: 24,997[4]
Supplement interviews: 75,054[5]

Item	Value	Tallies
PEA1	-9	0
	-3	93
	-2	252
	-1	24997
	1	23582
	2	51127
PEA3	-9	75
	-3	104
	-2	39
	-1	76469
	1	7877
	2	1994
	3	13493
PEB2	-9	17
	-3	44
	-2	18
	-1	94275
	1	1680
	2	3878
	3	139

---

[1] INTRVIEW = -1 or 1 or 2
[2] INTRVIEW = -1
[3] INTRVIEW = 1 or 2
[4] INTRVIEW = 1
[5] INTRVIEW = 2

Item	Value	Tallies
PEB7C	-9	47
	-3	85
	-2	28
	-1	94275
	1	3656
	2	1367
	3	410
	4	175
	5	8
PEC2	-9	5
	-3	6
	-2	6
	-1	98555
	1	462
	2	935
	3	82
PEC7A	-9	12
	-3	20
	-2	7
	-1	98555
	1	749
	2	708
PEDA	-9	7
	-3	11
	-2	0
	-1	99408
	1	312
	2	311
PED1R	-9	63
	-3	104
	-2	32
	-1	93422
	1	2596
	2	3834
PED8R	-9	69
	-3	102
	-2	29
	-1	96352
	1	1179
	2	2320

Item	Value	Tallies
PEE1B1	-9	2
	-3	10
	-2	6
	-1	96809
	1	143
	2	3081
PEF1A	-9	83
	-3	127
	-2	30
	-1	92779
	1	4910
	2	2122
PEG1	-9	84
	-3	125
	-2	158
	-1	92779
	1	3106
	2	3799
PEH2	-9	8
	-3	31
	-2	32
	-1	89144
	1	8673
	2	2163
PEH6	-9	5
	-3	5
	-2	3
	-1	99047
	1	582
	2	207
	3	202
PEH6C2	-9	11
	-3	13
	-2	6
	-1	98077
	1	516
	2	1323
	3	105

Item	Value	Tallies
PEJ1A1	-9	290
	-3	452
	-2	416
	-1	24997
	1	10354
	2	63542
PEJ2A1	-9	9
	-3	35
	-2	9
	-1	89697
	1	229
	2	1218
	3	8854
PEJ1A2	-9	303
	-3	464
	-2	372
	-1	24997
	1	3690
	2	70225
PEJ2A2	-9	4
	-3	14
	-2	4
	-1	96361
	1	50
	2	201
	3	3417
PEJ1A3	-9	311
	-3	474
	-2	356
	-1	24997
	1	2398
	2	71515
PEJ2A3	-9	4
	-3	7
	-2	1
	-1	97653
	1	17
	2	249
	3	2120

Item	Value	Tallies
PEJ1A3_5	-9	325
	-3	482
	-2	310
	-1	24997
	1	5010
	2	68927
PEJ2A3_5	-9	4
	-3	11
	-2	2
	-1	95041
	1	592
	2	921
	3	3480
PEJ1A4	-9	331
	-3	482
	-2	322
	-1	24997
	1	4739
	2	69180
PEJ2A4	-9	4
	-3	6
	-2	4
	-1	95312
	1	845
	2	470
	3	3410
PEJ1A5	-9	341
	-3	483
	-2	304
	-1	24997
	1	224
	2	73702
PEJ2A5	-9	1
	-3	0
	-2	1
	-1	99827
	1	12
	2	15
	3	195

Item	Value	Tallies
PEJ4	-9	4
	-3	4
	-2	0
	-1	98981
	1	265
	2	797
PEK2A	-9	22
	-3	24
	-2	73
	-1	77361
	1	21143
	2	1428
PEK4	-9	431
	-3	515
	-2	114
	-1	46908
	1	45350
	2	3136
	3	3597
INTRVIEW	1	75054
	2	24997

ATTACHMENT 14

COUNTRIES AND AREAS OF THE WORLD

Current Population Survey

Starting May 2012

Code	Name	Code	Name
057	United States	158	Armenia
060	American Samoa	159	Azerbaijan
066	Guam	160	Belarus
069	Northern Marianas	161	Georgia
073	Puerto Rico	162	Moldova
078	U. S. Virgin Islands	163	Russia
100	Albania	164	Ukraine
102	Austria	165	USSR
103	Belgium	166	Europe, not specified
104	Bulgaria	168	Montenegro
105	Czechoslovakia	200	Afghanistan
106	Denmark	202	Bangladesh
108	Finland	203	Bhutan
109	France	205	Myanmar (Burma)
110	Germany	206	Cambodia
116	Greece	207	China
117	Hungary	209	Hong Kong
118	Iceland	210	India
119	Ireland	211	Indonesia
120	Italy	212	Iran
126	Netherlands	213	Iraq
127	Norway	214	Israel
128	Poland	215	Japan
129	Portugal	216	Jordan
130	Azores	217	Korea
132	Romania	218	Kazakhstan
134	Spain	220	South Korea
136	Sweden	222	Kuwait
137	Switzerland	223	Laos
138	United Kingdom	224	Lebanon
139	England	226	Malaysia
140	Scotland	228	Mongolia
142	Northern Ireland	229	Nepal
147	Yugoslavia	231	Pakistan
148	Czech Republic	233	Philippines
149	Slovakia	235	Saudi Arabia
150	Bosnia & Herzegovina	236	Singapore
151	Croatia	238	Sri Lanka
152	Macedonia	239	Syria
154	Serbia	240	Taiwan
155	Estonia	242	Thailand
156	Latvia	243	Turkey
157	Lithuania	245	United Arab Emirates

Code	Name	Code	Name
246	Uzbekistan	373	Venezuela
247	Vietnam	374	South America, not specified
248	Yemen	399	Americas, not specified
249	Asia, not specified	400	Algeria
300	Bermuda	407	Cameroon
301	Canada	408	Cape Verde
303	Mexico	412	Congo
310	Belize	414	Egypt
311	Costa Rica	416	Ethiopia
312	El Salvador	417	Eritrea
313	Guatemala	421	Ghana
314	Honduras	423	Guinea
315	Nicaragua	425	Ivory Coast
316	Panama	427	Kenya
321	Antigua and Barbuda	429	Liberia
323	Bahamas	430	Libya
324	Barbados	436	Morocco
327	Cuba	440	Nigeria
328	Dominica	444	Senegal
329	Dominican Republic	447	Sierra Leone
330	Grenada	448	Somalia
332	Haiti	449	South Africa
333	Jamaica	451	Sudan
338	St. Kitts--Nevis	453	Tanzania
339	St. Lucia	454	Togo
340	St. Vincent and the Grenadines	457	Uganda
341	Trinidad and Tobago	459	Zaire
343	West Indies, not specified	460	Zambia
360	Argentina	461	Zimbabwe
361	Bolivia	462	Africa, not specified
362	Brazil	501	Australia
363	Chile	508	Fiji
364	Columbia	511	Marshall Islands
365	Ecuador	512	Micronesia
368	Guyana	515	New Zealand
369	Paraguay	523	Tonga
370	Peru	527	Samoa
372	Uruguay	555	Elsewhere

ATTACHMENT 15

ALLOCATION FLAGS

Current Population Survey

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

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

ATTACHMENT 16
Source of the Data and Accuracy of the Estimates for the May 2015 CPS Microdata File on Tobacco Use

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

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

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

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

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

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[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.

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

Approximately 74,000 housing units were selected for sample from the sampling frame in May. 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 61,000 were determined to be eligible for interview. Interviewers obtained interviews at about 54,000 of these units. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason.

May 2015 Supplement. In May 2015, in addition to the basic CPS questions, interviewers asked supplementary questions on tobacco use of the civilian noninstitutionalized population 18 years and older. The TUS is a large, nationally representative survey, which enables it to produce national, state, and some substate estimates, especially when 3 months of a TUS series are combined. The TUS collected information from about 75,000 respondents in May 2015. For some measures of use, approximately 28 percent of responses in May 2015 are proxy responses, and 72 percent are self-response (self response for the full set of questions plus self-response for the shorter, proxy set of questions). If the responses to the shorter set of questions are deemed to be proxy responses, then the proxy respondents represent 29 percent of all responses and the self-respondents 71 percent. On average, over the 1992-2015 survey period, approximately 69 percent (68 percent for self-only) of supplement respondents have been interviewed by telephone and 31 percent (32 percent for self-only) by personal interview. In May 2015, approximately 61 percent (60 percent for self-only) of all supplement respondents were interviewed by telephone and 39 percent (40 percent for self-only) by personal interview. See reference [3] for more information.

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

The population controls for the nation are distributed by demographic characteristics in two ways:

- Age, sex, and race (White alone, Black alone, and all other groups combined).
- Age, sex, and Hispanic origin.

The population controls for the states are distributed by race (Black alone and all other race groups combined), age (0-15, 16-44, and 45 and over), and sex.

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

The independent estimates by age, sex, race, and Hispanic origin, and for states by selected age groups and broad race categories, are developed using the basic demographic accounting formula whereby the population from the 2010 Census data is updated using data on the components of population change (births, deaths, and net international migration) with net internal migration as an additional component in the state population estimates.

The net international migration component of the population estimates includes:

- Net international migration of the foreign born;
- Net migration between the United States and Puerto Rico;
- Net migration of natives to and from the United States; and
- Net movement of the Armed Forces population to and from the United States.

Because the latest available information on these components lags the survey date, it is necessary to make short-term projections of these components to develop the estimate for the survey date.

Tobacco Use Supplement Estimation Procedure. In addition to the CPS estimation procedure, the TUS uses a supplement noninterview adjustment and a supplement self-response adjustment. The supplement noninterview adjustment accounts for occupied sample households that responded to and completed the CPS but not the supplement questionnaire. The self-response adjustment accounts for the elimination of interviews that were completed by proxy.

NOTE: The CPS household weight (HWHHWGT) adjusts for household nonresponse. Additional calculations are needed to create a supplement household weight. There are two sets of supplement weights on this microdata file. The nonresponse weight (PWNRWGT) includes only the noninterview adjustment. The self-response weight (PWSRWGT) includes both the noninterview adjustment and the self-response adjustment.

ACCURACY OF THE ESTIMATES
A sample survey estimate has two types of error: sampling and nonsampling. The accuracy of an estimate depends on both types of error. The nature of the sampling error is known given the survey design; the full extent of the nonsampling error is unknown.

Sampling Error. Since the CPS estimates come from a sample, they may differ from figures from an enumeration of the entire population using the same questionnaires, instructions, and enumerators. For a given estimator, the difference between an estimate based on a sample and the estimate that would result if the sample were to include the entire population is known as sampling error. Standard errors, as calculated by methods described in "Standard Errors and Their Use," are primarily measures of the magnitude of sampling error. However, they may include some nonsampling error.

Nonsampling Error. For a given estimator, the difference between the estimate that would result if the sample were to include the entire population and the true population value being estimated is known as nonsampling error. There are several sources of nonsampling error that may occur during the development or execution of the survey. It can occur because of

circumstances created by the interviewer, the respondent, the survey instrument, or the way the data are collected and processed. For example, errors could occur because:

- The interviewer records the wrong answer, the respondent provides incorrect information, the respondent estimates the requested information, or an unclear survey question is misunderstood by the respondent (measurement error).
- Some individuals who should have been included in the survey frame were missed (coverage error).
- Responses are not collected from all those in the sample or the respondent is unwilling to provide information (nonresponse error).
- Values are estimated imprecisely for missing data (imputation error).
- Forms may be lost, data may be incorrectly keyed, coded, or recoded, etc. (processing error).

To minimize these errors, the Census Bureau applies quality control procedures during all stages of the production process including the design of the survey, the wording of questions, the review of the work of interviewers and coders, and the statistical review of reports.

Two types of nonsampling error that can be examined to a limited extent are nonresponse and undercoverage.

Nonresponse. The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the nonresponse rate. For the May 2015 basic CPS, the household-level nonresponse rate was 12.1 percent. The person-level nonresponse rate for those eligible to be interviewed for the Tobacco Use supplement was 25.0 percent for the total (self and proxy responses) and 46.9 percent for self-response only.

Since the basic CPS nonresponse rate is a household-level rate and the Tobacco Use supplement nonresponse rate is a person-level rate, we cannot combine these rates to derive an overall nonresponse rate. Nonresponding households may have fewer persons than interviewed ones, so combining these rates may lead to an overestimate of the true overall nonresponse rate for persons for the Tobacco Use supplement. Those deemed "eligible" for the Tobacco Use supplement are those adults 18 years of age and older who have a completed CPS interview.

In accordance with Census Bureau and Office of Management and Budget Quality Standards, the Census Bureau will conduct a nonresponse bias analysis to assess nonresponse bias in the Tobacco Use.

Sufficient Partial Interview. A sufficient partial interview is an incomplete interview in which the household or person answered enough of the questionnaire for the supplement sponsor to consider the interview complete. The remaining supplement questions may have been edited or imputed to fill in missing values. Insufficient partial interviews are considered to be nonrespondents. Refer to the supplement overview attachment in the technical documentation for the specific questions deemed critical by the sponsor as necessary to be answered in order to be considered a sufficient partial interview.

As part of the nonsampling error analysis, the item response rates, item refusal rates, and edits are reviewed. For the May 2015 Tobacco Use supplement, the item nonresponse rates range from 0.1 percent to 38.7 percent. The item refusal rates range from 0.0 percent to 36.1 percent. *These rates on the high end of the range, however, do not reflect the true quality of the supplement data.* The rates include a small number of "intentional flag" variables, which are derived from questions that direct the questionnaire flow for a small portion of the supplement universe (those who ONLY used a non-cigarette tobacco product one or two times). Without these "intentional flags", the refusal/don't know/nonresponse rates range from 0.0 percent to 24.1 percent. A conservative analysis among all items, including these few intentional flag items or follow-up of refusal/don't know/no answer items, indicates the median refusal/don't know/nonresponse rate is 1.9 percent, the 75th percentile rate was 4.5 percent, the 25th percentile rate was 0.5 percent, and the 10th percentile rate was 0.0 percent.

Coverage. The concept of coverage in the survey sampling process is the extent to which the total population that could be selected for sample "covers" the survey's target population. Missed housing units and missed people within sample households create undercoverage in the CPS. Overall CPS undercoverage for May 2015 is estimated to be about 12 percent. CPS coverage varies with age, sex, and race. Generally, coverage is larger for females than for males and larger for non-Blacks than for Blacks. This differential coverage is a general problem for most household-based surveys.

The CPS weighting procedure partially corrects for bias from undercoverage, but biases may still be present when people who are missed by the survey differ from those interviewed in ways other than age, race, sex, Hispanic origin, and state of residence. How this weighting procedure affects other variables in the survey is not precisely known. All of these considerations affect comparisons across different surveys or data sources.

A common measure of survey coverage is the coverage ratio, calculated as the estimated population before poststratification divided by the independent population control. Table 1 shows May 2015 CPS coverage ratios by age and sex for certain race and Hispanic groups. The CPS coverage ratios can exhibit some variability from month to month.

Table 1. CPS Coverage Ratios: May 2015										
	Total			**White only**		**Black only**		**Residual race**		**Hispanic**	
Age group	**All people**	**Male**	**Female**	**Male**	**Female**	**Male**	**Female**	**Male**	**Female**	**Male**	**Female**
0-15	0.89	0.89	0.89	0.93	0.93	0.76	0.74	0.79	0.83	0.84	0.88
16-19	0.86	0.88	0.83	0.88	0.86	0.87	0.71	0.89	0.80	0.88	0.84
20-24	0.75	0.73	0.77	0.76	0.81	0.64	0.68	0.68	0.69	0.75	0.74
25-34	0.84	0.81	0.87	0.85	0.91	0.68	0.78	0.73	0.73	0.75	0.84
35-44	0.89	0.87	0.91	0.89	0.95	0.78	0.80	0.79	0.80	0.79	0.87
45-54	0.89	0.87	0.91	0.89	0.94	0.77	0.83	0.79	0.86	0.79	0.83
55-64	0.91	0.91	0.91	0.93	0.92	0.86	0.88	0.84	0.81	0.79	0.82
65+	0.94	0.93	0.95	0.94	0.96	0.88	0.91	0.89	0.83	0.85	0.79
15+	0.88	0.87	0.90	0.89	0.92	0.78	0.81	0.79	0.79	0.80	0.83
0+	0.88	0.87	0.89	0.90	0.92	0.77	0.80	0.79	0.80	0.81	0.84

Notes: (1) The Residual race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.

(2) Hispanics may be any race. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

Comparability of Data. Data obtained from the CPS and other sources are not entirely comparable. This results from differences in interviewer training and experience and in differing survey processes. This is an example of nonsampling variability not reflected in the standard errors. Therefore, caution should be used when comparing results from different sources.

Data users should be careful when comparing the data from this microdata file, which reflects Census 2010-based controls, with microdata files from January 2003 through December 2011, which reflect 2000 census-based controls. Ideally, the same population controls should be used when comparing any estimates. In reality, the use of the same population controls is not practical when comparing trend data over a period of 10 to 20 years. Thus, when it is necessary to combine or compare data based on different controls or different designs, data users should be aware that changes in weighting controls or weighting procedures can create small differences between estimates. See the discussion following for information on comparing estimates derived from different controls or different sample designs.

Microdata files from previous years reflect the latest available census-based controls. Although the most recent change in population controls had relatively little impact on summary measures such as averages, medians, and percentage distributions, it did have a significant impact on levels. For example, use of Census 2010-based controls results in about a 0.2 percent increase from the 2000 census-based controls in the civilian noninstitutionalized population and in the number of families and households. Thus, estimates of levels for data collected in 2012 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain population subgroups than for the total population.

Users should also exercise caution because of changes caused by the phase-in of the Census 2010 files (see "Basic CPS").[4] During this time period, CPS data were collected from sample designs based on different censuses. Two features of the new CPS design have the potential of affecting published estimates: (1) the temporary disruption of the rotation pattern from August 2014 through June 2015 for a comparatively small portion of the sample, and (2) the change in sample areas. Most of the known effect on estimates during and after the sample redesign will be the result of changing from 2000 to 2010 geographic definitions. Research has shown that the national-level estimates of the metropolitan and nonmetropolitan populations should not change appreciably because of the new sample design. However, users should still exercise caution when comparing metropolitan and nonmetropolitan estimates across years with a design change, especially at the state level.

Caution should also be used when comparing Hispanic estimates over time. No independent population control totals for people of Hispanic origin were used before 1985.

A Nonsampling Error Warning. Since the full extent of the nonsampling error is unknown, one should be particularly careful when interpreting results based on small differences between estimates. The Census Bureau recommends that data users incorporate information about nonsampling errors into their analyses, as nonsampling error could impact the conclusions drawn from the results. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures (such as medians and percentage distributions) probably do not reveal useful information when computed on a subpopulation smaller than 75,000.

For additional information on nonsampling error including the possible impact on CPS data when known, refer to references [2] and [4].

Standard Errors and Their Use. The sample estimate and its standard error enable one to construct a confidence interval. A confidence interval is a range about a given estimate that has a specified probability of containing the average result of all possible samples. For example, if all possible samples were surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the average result of all possible samples.

A particular confidence interval may or may not contain the average estimate derived from all possible samples, but one can say with specified confidence that the interval includes the average estimate calculated from all possible samples.

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this would be comparing the percentage of men who were part-time workers to the percentage of women who were part-time workers.

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[4] The phase-in process using the 2010 Census files began April 2014.

Tests may be performed at various levels of significance. A significance level is the probability of concluding that the characteristics are different when, in fact, they are the same. For example, to conclude that two characteristics are different at the 0.10 level of significance, the absolute value of the estimated difference between characteristics must be greater than or equal to 1.645 times the standard error of the difference.

The Census Bureau uses 90-percent confidence intervals and 0.10 levels of significance to determine statistical validity. Consult standard statistical textbooks for alternative criteria.

Estimating Standard Errors. The Census Bureau uses replication methods to estimate the standard errors of CPS estimates. These methods primarily measure the magnitude of sampling error. However, they do measure some effects of nonsampling error as well. They do not measure systematic biases in the data associated with nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

There are two ways to calculate standard errors for the CPS microdata file on Tobacco Use. They are:

- Direct estimates created from replicate weighting methods;
- Generalized variance estimates created from generalized variance function parameters *a* and *b*.

While replicate weighting methods provide the most accurate variance estimates and are needed for complex analysis such as regression and analysis of variance (ANOVA), this approach requires more computing resources and more expertise on the part of the user. The Generalized Variance Function (GVF) parameters provide a method of balancing accuracy with resource usage as well as a smoothing effect on standard error estimates across time. For more information on calculating direct estimates, see reference [5], and for downloading the replicate weights, see http://thedataweb.rm.census.gov/ftp/cps_ftp.html#cpssupps. For more information on GVF estimates refer to the "Generalized Variance Parameters" section.

Generalized Variance Parameters. While it is possible to compute and present an estimate of the standard error based on the survey data for each estimate in a report, there are a number of reasons why this is not done. A presentation of the individual standard errors would be of limited use, since one could not possibly predict all of the combinations of results that may be of interest to data users. Additionally, data users have access to CPS microdata files, and it is impossible to compute in advance the standard error for every estimate one might obtain from those data sets. Moreover, variance estimates are based on sample data and have variances of their own. Therefore, some methods of stabilizing these estimates of variance, for example, by generalizing or averaging over time, may be used to improve their reliability.

Experience has shown that certain groups of estimates have similar relationships between their variances and expected values. Modeling or generalizing may provide more stable variance estimates by taking advantage of these similarities. The GVF is a simple model that expresses the variance as a function of the expected value of the survey estimate. The parameters of the

GVF are estimated using direct replicate variances. These GVF parameters provide a relatively easy method to obtain approximate standard errors for numerous characteristics. In this source and accuracy statement, Table 3 provides the GVF parameters for labor force estimates, Tables 4 and 5 provide GVF parameters for TUS nonresponse data and TUS self-response data. Tables 6 and 7 provide factors and population controls to derive U.S. state and regional parameters.

The basic CPS questionnaire records the race and ethnicity of each respondent. With respect to race, a respondent can be White, Black, Asian, American Indian and Alaskan Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI), or combinations of two or more of the preceding. A respondent's ethnicity can be Hispanic or non-Hispanic, regardless of race.

The GVF parameters to use in computing standard errors are dependent upon the race/ethnicity group of interest. The following table summarizes the relationship between the race/ethnicity group of interest and the GVF parameters to use in standard error calculations.

Table 2. Estimation Groups of Interest and Generalized Variance Parameters	
Race/ethnicity group of interest	**GVF 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	Asian, AIAN, NHOPI
NHOPI alone, NHOPI AOIC, or NHOPI non-Hispanic population	Asian, AIAN, NHOPI
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 4,310,000 unemployed men ages 18 and up in the civilian labor force in May 2015. Use the appropriate parameters from Table 3 and Formula (1) to get

Illustration 1	
Number of unemployed males in the civilian labor force (x)	4,310,000
a-parameter (a)	-0.000031
b-parameter (b)	2,947
Standard error	110,000
90-percent confidence interval	4,129,000 to 4,491,000

The standard error is calculated as

$$s_x = \sqrt{-0.000031 \times 4,310,000^2 + 2,947 \times 4,310,000} = 110,000$$

The 90-percent confidence interval is calculated as $4,310,000 \pm 1.645 \times 110,000$.

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the percentage and its base. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the parameter from Table 3, 4, or 5 as indicated by the numerator.

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

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

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

Illustration 2

Suppose there were 82,557,000[5] people aged 45 to 64 in May 2015, of which 12.2 percent were every-day smokers. Use the appropriate parameter from Table 4 and Formula (2) to get

Illustration 2	
Percentage of people aged 45-64 who were everyday smokers (p)	12.2
Base (y)	82,557,000
b-parameter (b)	4,545
Standard error	0.24
90-percent confidence interval	11.8 to 12.6

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{4,545}{82,557,000} \times 12.2 \times (100.0 - 12.2)} = 0.24$$

The 90-percent confidence interval for the estimated percentage of people aged 45 to 64 who are every-day smokers is calculated as $12.2 \pm 1.645 \times 0.24$.

Illustration 3

Of all adults (ages 18 and up) in May 2015, suppose the number of former smokers was 40,056,000 and the number of ever (current and former) smokers was 70,377,000[6]. The percentage of former smokers out of ever smokers (known as the "quit ratio") would be 56.9 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)	56.9
Base (y)	70,377,000
b-parameter (b)	4,545
Standard error	0.40

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[5] 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 (83,165,000) from PRTAGE=45-64 as a base would result in the estimated percentage of 45-64 year olds who were every-day smokers, some-day smokers, and former smokers summing to less than 100 percent of 45-64 year olds. Accordingly, we have used the weights of the PRTAGE=45-64 respondents who also responded to PEA3 as the base in this estimate, even though the sum of the weights of the PRTAGE=45-64 respondents is our actual estimate of the number of persons in the 45-64 age range.

[6] 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 (71,055,000) 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.

90-percent confidence interval	56.2 to 57.6

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{4,545}{70,377,000} \times 56.9 \times (100 - 56.9)} = 0.40$$

and the 90-percent confidence interval is calculated as $56.9 \pm 1.645 \times 0.40$.

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

$$s_{x_1 - x_2} = \sqrt{s_{x_1}^2 + s_{x_2}^2} \qquad (3)$$

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 May 2015, suppose that for self-respondents, of the 4,467,000 non-Hispanic Blacks 18 to 24 years of age, 4.8 percent were every-day smokers, and of the 16,238,000[7] non-Hispanic Whites 18 to 24 years of age, 12.5 percent were every-day smokers. Use the appropriate parameters from Table 5 and Formulas (2) and (3) to get

Illustration 4			
	Non-Hispanic Black (x_1)	Non-Hispanic White (x_2)	Difference
Percentage of people aged 18-24 who were every-day smokers (p)	4.8	12.5	7.7
Base (y)	4,467,000	16,238,000	-
b-parameter (b)	6,590	6,276	-
Standard error	0.82	0.65	1.05
90-percent confidence interval	3.5 to 6.1	11.4 to 13.6	6.0 to 9.4

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[7] Some respondents who indicated that they were non-Hispanic Whites 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 (16,307,000) from PEHSPNON=2 AND PTDTRACE=1 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 Whites 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=1 AND PRTAGE=18-24 AND PEA3=1,2,3 as the base in this estimate, even though the estimate from PEHSPNON=2 AND PTDTRACE=1 AND PRTAGE=18-24 is our actual estimate of the number of ever smokers.

The standard error of the difference is calculated as

$$s_{x_1-x_2} = \sqrt{0.82^2 + 0.65^2} = 1.05$$

The 90-percent confidence interval around the difference is calculated as $7.7 \pm 1.645 \times 1.05$. Since this interval does not include zero, we can conclude with 90 percent confidence that the percentage of non-Hispanic Black every-day smokers between 18 and 24 years of age is significantly different than the percentage of non-Hispanic White every-day smokers between 18 and 24 years of age.

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

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

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 May 2015, suppose the number of adults who were self-reported as every-day smokers was 24,185,000[8] and the number of adults who were self-reported as some-day smokers was

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[8] Computed in the same manner as in Illustration 8a to preserve consistency of estimates throughout this Source and Accuracy Statement. See footnote 10 to Illustration 8a.

6,310,000[9]. The ratio of every-day smokers to some-day smokers would be 3.8. Use Formulas (1) and (4) and the appropriate parameters from Table 5, since the data is from self-respondents, with $r = 0$ to get

Illustration 5			
	Every-day (x)	Some-day (y)	Ratio
Number of smokers	24,185,000	6,310,000	3.8
a-parameter (a)	-0.000028	-0.000028	-
b-parameter (b)	7,120	7,120	-
Standard error	395,000	209,000	0.14
90-percent confidence interval	23,535,000 to 24,835,000	5,966,000 to 6,654,000	3.6 to 4.0

The standard error of the ratio is calculated as

$$s_{x/y} = \frac{24,185,000}{6,310,000} \sqrt{\left(\frac{395,000}{24,185,000}\right)^2 + \left(\frac{209,000}{6,310,000}\right)^2} = 0.14$$

and the 90-percent confidence interval is calculated as $3.8 \pm 1.645 \times 0.14$.

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.

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[9] Computed in the same manner as in Illustration 8b to preserve consistency of estimates throughout this Source and Accuracy Statement. See footnote 11 to Illustration 8b.

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

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

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

Illustration 6

Suppose there were 1,468,000 adults living in Florida in May 2015 who were every-day smokers. Use the appropriate parameters, factor, and population from Tables 4 and 6 and Formulas (1) and (6) to get

Illustration 6	
Number of every-day smokers in Florida (x)	1,468,000
b-parameter (b)	4,545
Florida state factor	1.12
State population	19,802,420
State a-parameter (a_{state})	-0.000257
State b-parameter (b_{state})	5,090
Standard error	83,000
90-percent confidence interval	1,331,000 to 1,605,000

Obtain the state-level b-parameter by multiplying the b-parameter, 4,545, by the state factor, 1.12. This gives $b_{state} = 4,545 \times 1.12 = 5,090$. Obtain the needed state-level a-parameter by

$$a_{state} = \frac{-5,090}{19,802,420} = -0.000257$$

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, -0.000257 and 5,090, respectively. The standard error is given by

$$s_x = \sqrt{(-0.000257 \times 1,468,000^2) + (5,090 \times 1,468,000)} = 83,000$$

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

Standard Errors of Groups of States. The standard error calculation for a group of states is similar to the standard error calculation for a single state. First, calculate a new state group factor for the group of states. Then, determine new state group a- and b-parameters. Finally, use these adjusted parameters in the standard error formulas mentioned previously.

Use the following formula to determine a new state group factor:

$$state \ group \ factor = \frac{\sum\limits_{i=1}^{n} POP_i \times factor_i}{\sum\limits_{i=1}^{n} POP_i} \qquad (7)$$

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:

$$a_{state \ group} = \frac{-b_{state \ group}}{\sum\limits_{i=1}^{n} POP_i} \qquad (8)$$

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

$$state \ group \ factor = \frac{(12,695,287 \times 1.16) + (6,522,581 \times 1.14) + (9,812,986 \times 1.15)}{12,695,287 + 6,522,581 + 9,812,986} = 1.15$$

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

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

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

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

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

$$\bar{x} = \sum_{i=1}^{c} p_i \bar{x}_i \qquad (11)$$

and

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

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

$\bar{x}_i$ = $(L_i + U_i)/2$ where L_i and U_i are the lower and upper interval boundaries, respectively, for group i. $\bar{x}_i$ is assumed to be the most representative value for the characteristic for people, families, households, or unrelated individuals in group i. If group c is open-ended, i.e., no upper interval boundary exists, use a group approximate average value of

$$\bar{x}_c = \frac{3}{2} L_c \qquad (12)$$

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 24,185,000[10] adult every-day smokers among self-respondents in May 2015, and the distribution of the average number of cigarettes consumed per day was

Cigarettes per day	Percent of smokers	$\bar{x}_i$
1 – 10	47.9	(1+10)/2 = 5.5
11 – 20	44.5	(11+20)/2 = 15.5

[10] Some persons who responded as every-day smokers to question PEA3 ("Do you now smoke cigarettes every day, some days, or not at all?") did not respond to PTB1 ("On the average, about how many cigarettes do you now smoke each day?") with answers greater than zero. As a result, using the estimate (24,849,000) from PEA3 as a base would result in the estimated percentages of every-day smokers who smoke 1-10, 11-20, 21-30, and 31or 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.

| 21 – 30 | 4.8 | (21+30)/2 = 25.5 |
| 31+ | 2.9 | 3/2(31) = 46.5 |

Using Formula (11),

$$\bar{x} = (0.479 \times 5.5) + (0.445 \times 15.5) + (0.048 \times 25.5) + (0.029 \times 46.5) = 12.10$$

and Formula (10),

$$S^2 = (0.479 \times 5.5^2) + (0.445 \times 15.5^2) + (0.048 \times 25.5^2) + (0.029 \times 46.5^2) - 12.10^2 = 68.91$$

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 ($\bar{x}$)	12.10
Variance (S^2)	68.91
Base (y)	24,185,000
b-parameter (b)	7,120
Standard error	0.142
90-percent confidence interval	11.87 to 12.33

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{7,120}{24,185,000}(68.91)} = 0.142$$

and the 90-percent confidence interval is calculated as $12.10 \pm 1.645 \times 0.142$.

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Illustration 8b
Suppose there were 6,310,000[11] adult some-day smokers among self-respondents in May 2015, and the distribution of the average number of cigarettes consumed per some day and per every day was

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[11] 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 (7,018,000) 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.

Cigarettes per some day	Percent of smokers	$\overline{x}_i$	Avg # of days smoked in the last 30 days (d_i)	Cigarettes per day ($\overline{x}_i \times d_i / 30$)
1	17.9	(1+1)/2 = 1.0	8.9	1.0*8.9/30 = 0.30
2	20.0	(2+2)/2 = 2.0	11.2	2.0*11.2/30 = 0.75
3	16.0	(3+3)/2 = 3.0	14.2	3.0*14.2/30 = 1.42
4	11.0	(4+4)/2 = 4.0	14.1	4.0*14.1/30 = 1.88
5+	35.2	3/2(5) = 7.5	17.3	7.5*17.3/30 = 4.33

Using Formula (11),

$$\overline{x} = (0.179 \times 0.30) + (0.200 \times 0.75) + (0.160 \times 1.42) + (0.110 \times 1.88) + (0.352 \times 4.33) = 2.16$$

and Formula (10),

$$S^2 = (0.179 \times 0.30^2) + (0.200 \times 0.75^2) + (0.160 \times 1.42^2) + (0.110 \times 1.88^2) + (0.352 \times 4.33^2) - 2.16^2 = 2.77$$

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 ($\overline{x}$)	2.16
Variance (S^2)	2.77
Base (y)	6,310,000
b-parameter (b)	7,120
Standard error	0.056
90-percent confidence interval	2.07 to 2.25

The standard error is calculated as

$$s_{\overline{x}} = \sqrt{\frac{7,120}{6,310,000}(2.77)} = 0.056$$

and the 90-percent confidence interval is calculated as $2.16 \pm 1.645 \times 0.056$.

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Standard Errors of Estimated Aggregates. Aggregates, such as the total number of cigarettes consumed, are computed by multiplying the average number of cigarettes consumed per smoker, $\overline{x}$, by the total number of smokers, y, in the formula

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

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

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

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

Illustration 9
Continuing with Illustration 8a, suppose that the estimate for the total number of every-day smokers was 24,185,000[12] adults and that they smoked an average of 12.10 cigarettes per day. They then would consume approximately 292,639,000 cigarettes per day. Use 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 $(\bar{x})$	12.10
Standard error $(s_{\bar{x}})$	0.142
Number of every-day smokers (y)	24,185,000
Standard error (s_y)	395,000
Number of cigarettes consumed (T)	292,639,000
Standard error (s_T)	5,885,000
90-percent confidence interval	282,958,000 to 302,320,000

The aggregate T is calculated as

$$T = 12.10 \times 24,185,000 = 292,639,000$$

and the standard error for T is calculated as

$$s_T = \sqrt{(12.10^2 \times 395,000^2) + (24,185,000^2 \times 0.142^2)} = 5,885,000$$

The 90-percent confidence interval is calculated as $292,639,000 \pm 1.645 \times 5,885,000$.

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

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

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[12] See footnote 10 to Illustration 8a.

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

where

E	$=$	the estimated population of every-day smokers.
s_E	$=$	the standard error of the estimated population of every-day smokers.
P	$=$	the estimated population of some-day smokers.
s_P	$=$	the standard error of the estimated population of some-day smokers.
C_1	$=$	the average amount an every-day smoker smokes per day.
s_{C_1}	$=$	the standard error of the average amount an every-day smoker smokes per day.
C_2	$=$	the average amount a some-day smoker smokes per day.
s_{C_2}	$=$	the standard error of the average amount a some-day smoker smokes per day.

Illustration 10
Continuing with Illustrations 8 and 9, suppose there were 24,185,000[13] every-day smokers that smoked an average of 12.10 cigarettes per day. In addition, suppose that 6,310,000[14] 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
0.30	3.7
0.75	4.1
1.42	3.3
1.88	2.3
4.33	7.3
5.5	38.0
15.5	35.3
25.5	3.8
46.5	2.3

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

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[13] See footnote 10 to Illustration 8a.
[14] See footnote 11 to Illustration 8b.

$$\overline{x} = (0.037 \times 0.30) + (0.041 \times 0.75) + (0.033 \times 1.42) + (0.023 \times 1.88) + (0.073 \times 4.33)$$
$$+ (0.380 \times 5.5) + (0.353 \times 15.5) + (0.038 \times 25.5) + (0.023 \times 46.5) = 10.05$$

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 ($\overline{x}$)	10.05
Estimated population of every-day smokers (E)	24,185,000
Standard error (s_E)	395,000
Estimated population of some-day smokers (P)	6,310,000
Standard error (s_P)	209,000
Average amount of cigarettes smoked per day by every-day smokers (C_1)	12.10
Standard error (s_{C_1})	0.142
Average amount of cigarettes smoked per day by some-day smokers (C_2)	2.16
Standard error (s_{C_2})	0.056
Standard error	0.128
90-percent confidence interval	9.84 to 10.26

The standard error for $\overline{x}$ is calculated as

$$s_{\overline{x}} = \left[\left(\frac{6,310,000(12.10 - 2.16)}{(24,185,000 + 6,310,000)^2} \right)^2 \times 395,000^2 + \left(\frac{24,185,000(12.10 - 2.16)}{(24,185,000 + 6,310,000)^2} \right)^2 \times 209,000^2 \right.$$

$$\left. + \left(\frac{24,185,000}{24,185,000 + 6,310,000} \right)^2 \times 0.142^2 + \left(\frac{6,310,000}{24,185,000 + 6,310,000} \right)^2 \times 0.056^2 \right]^{\frac{1}{2}}$$

$$= 0.128$$

The 90-percent confidence interval is calculated as $10.05 \pm 1.645 \times 0.128$.

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Standard Errors of Quarterly or Yearly Averages. For information on calculating standard errors for labor force data from the CPS which involve quarterly or yearly averages, please see the "Explanatory Notes and Estimates of Error: Household Data" section in *Employment and Earnings*, a monthly report published by the U.S. Bureau of Labor Statistics.

Technical Assistance. If you require assistance or additional information, please contact the Demographic Statistical Methods Division via e-mail at dsmd.source.and.accuracy@census.gov.

Table 3. Parameters for Computation of Standard Errors for Labor Force Characteristics: May 2015

Characteristic	a	b
Total or White		
Civilian labor force, employed	-0.000013	2,481
Unemployed	-0.000017	3,244
Not in labor force	-0.000013	2,432
Civilian labor force, employed, not in labor force, and unemployed		
Men	-0.000031	2,947
Women	-0.000028	2,788
Both sexes, 16 to 19 years	-0.000261	3,244
Black		
Civilian labor force, employed, not in labor force, and unemployed		
Total	-0.000117	3,601
Men	-0.000249	3,465
Women	-0.000191	3,191
Both sexes, 16 to 19 years	-0.001425	3,601
Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander		
Civilian labor force, employed, not in labor force, and unemployed		
Total	-0.000245	3,311
Men	-0.000537	3,397
Women	-0.000399	2,874
Both sexes, 16 to 19 years	-0.004078	3,311
Hispanic, may be of any race		
Civilian labor force, employed, not in labor force, and unemployed		
Total	-0.000087	3,316
Men	-0.000172	3,276
Women	-0.000158	3,001
Both sexes, 16 to 19 years	-0.000909	3,316

Notes:
(1) These parameters are to be applied to basic CPS monthly labor force estimates.
(2) The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates.
(3) For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero.
(4) For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Hispanic, and Asian, AIAN, NHOPI parameters.

(5) For the groups self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all employment characteristics.

Table 4. Parameters for Computation of Standard Errors for Tobacco Use Characteristics Using Nonresponse Weights: May 2015										
	Total		White Alone		Black Alone		Asian, AIAN, NHOPI		Hispanic	
Characteristic	*a*	*b*	*a*	*b*	*a*	*b*	*a*	*b*	*a*	*b*
Tobacco Use May 2015										
Total	-0.000018	4,545	-0.000021	4,134	-0.000154	4,815	-0.000202	4,545	-0.000135	5,329
Male	-0.000036	4,366	-0.000041	3,956	-0.000338	4,815	-0.000452	4,815	-0.000271	5,329
Female	-0.000032	4,134	-0.000038	3,853	-0.000266	4,545	-0.000326	3,853	-0.000243	4,815
Combined Months: January 2015 and May 2015										
Total	-0.000009	2,267	-0.000011	2,068	-0.000077	2,421	-0.000099	2,213	-0.000068	2,686
Male	-0.000018	2,117	-0.000021	1,981	-0.000175	2,498	-0.000213	2,267	-0.000133	2,611
Female	-0.000015	1,981	-0.000019	1,901	-0.000130	2,213	-0.000168	1,981	-0.000122	2,421
Combined Months: July 2014, January 2015, and May 2015										
Total	-0.000006	1,487	-0.000007	1,323	-0.000051	1,594	-0.000066	1,487	-0.000044	1,732
Male	-0.000012	1,397	-0.000013	1,255	-0.000118	1,675	-0.000144	1,536	-0.000088	1,732
Female	-0.000010	1,323	-0.000012	1,213	-0.000087	1,487	-0.000112	1,323	-0.000078	1,536

Notes: (1) These parameters are to be applied to the May 2015 Tobacco Use Supplement data, and to combined consecutive supplement months of Tobacco Use Supplement data.

(2) AIAN is American Indian and Alaska Native and NHOPI is Native Hawaiian and Other Pacific Islander.

(3) Hispanics may be any race. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

(4) The Total and Asian, AIAN, NHOPI parameters may be used for both alone and in combination race group estimates.

(5) For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero.

(6) For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters.

(7) For the group self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all characteristics except employment, unemployment, and educational attainment, in which case use Black parameters.

Table 5. Parameters for Computation of Standard Errors for Tobacco Use Characteristics Using Self-response Weights: May 2015										
	Total		White Alone		Black Alone		Asian, AIAN, NHOPI		Hispanic	
Characteristic	*a*	*b*	*a*	*b*	*a*	*b*	*a*	*b*	*a*	*b*
Tobacco Use May 2015										
Total	-0.000028	7,120	-0.000032	6,276	-0.000210	6,590	-0.000339	7,612	-0.000231	9,125
Male	-0.000059	7,120	-0.000065	6,276	-0.000500	7,120	-0.000823	8,756	-0.000464	9,125
Female	-0.000048	6,276	-0.000055	5,561	-0.000367	6,276	-0.000531	6,276	-0.000384	7,612
Combined Months: January 2014 and May 2015										
Total	-0.000014	3,559	-0.000015	3,047	-0.000114	3,559	-0.000169	3,786	-0.000114	4,513
Male	-0.000028	3,387	-0.000032	3,047	-0.000281	4,004	-0.000376	4,004	-0.000229	4,513
Female	-0.000022	2,882	-0.000027	2,668	-0.000178	3,047	-0.000265	3,135	-0.000191	3,786
Combined Months: July 2014, January 2015, and May 2015										
Total	-0.000009	2,370	-0.000010	1,995	-0.000076	2,370	-0.000112	2,506	-0.000076	2,990
Male	-0.000018	2,237	-0.000021	1,995	-0.000189	2,688	-0.000253	2,688	-0.000152	2,990
Female	-0.000015	1,995	-0.000018	1,778	-0.000117	1,995	-0.000189	2,237	-0.000122	2,420

Notes: (1) These parameters are to be applied to the May 2015 Tobacco Use Supplement data, and to combined consecutive supplement months of Tobacco Use Supplement data.
(2) AIAN is American Indian and Alaska Native and NHOPI is Native Hawaiian and Other Pacific Islander.
(3) Hispanics may be any race. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.
(4) The Total and Asian, AIAN, NHOPI parameters may be used for both alone and in combination race group estimates.
(5) For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero.
(6) For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters.
(7) For the group self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all characteristics except employment, unemployment, and educational attainment, in which case use Black parameters.

Table 6. Factors and Populations for State Standard Errors and Parameters: May 2015					
State	Factor	May 2015 Population	State	Factor	May 2015 Population
Alabama	1.13	4,779,505	Montana	0.22	1,014,048
Alaska	0.18	705,466	Nebraska	0.51	1,862,218
Arizona	1.16	6,686,235	Nevada	0.72	2,833,458
Arkansas	0.73	2,921,151	New Hampshire	0.35	1,314,606
California	1.16	38,547,205	New Jersey	1.15	8,863,934
Colorado	1.17	5,318,468	New Mexico	0.44	2,045,033
Connecticut	0.88	3,547,497	New York	1.19	19,561,317
Delaware	0.23	927,346	North Carolina	1.18	9,797,581
District of Columbia	0.18	657,261	North Dakota	0.18	737,725
Florida	1.12	19,802,420	Ohio	1.15	11,447,625
Georgia	1.16	9,960,797	Oklahoma	1.07	3,820,600
Hawaii	0.33	1,367,843	Oregon	1.06	3,960,633
Idaho	0.40	1,628,313	Pennsylvania	1.16	12,607,623
Illinois	1.16	12,695,287	Rhode Island	0.28	1,041,428
Indiana	1.14	6,522,581	South Carolina	1.12	4,769,789
Iowa	0.78	3,079,583	South Dakota	0.23	841,143
Kansas	0.81	2,849,445	Tennessee	1.14	6,486,699
Kentucky	1.16	4,336,014	Texas	1.17	26,806,222
Louisiana	1.06	4,559,870	Utah	0.51	2,948,029
Maine	0.42	1,316,956	Vermont	0.20	620,008
Maryland	1.19	5,912,133	Virginia	1.19	8,155,261
Massachusetts	1.13	6,702,860	Washington	1.17	7,013,518
Michigan	1.15	9,812,986	West Virginia	0.50	1,820,156
Minnesota	1.16	5,426,852	Wisconsin	1.16	5,697,038
Mississippi	0.71	2,925,674	Wyoming	0.16	574,470
Missouri	1.18	5,972,332			

Notes: (1) The state population counts in this table are for the 0+ population for May 2015.

(2) For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters.

Table 7. Factors and Populations for Regional Standard Errors and Parameters: May 2015		
Region	Factor	May 2015 population
Northeast	1.08	55,576,229
Midwest	1.09	66,944,815
South	1.11	118,438,479
West	1.03	74,642,719

Notes: (1) The state population counts in this table are for the 0+ population for May 2015.

(2) For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters.

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[5]   U.S. Census Bureau, July 15, 2009, "Estimating ASEC Variances with Replicate Weights Part I: Instructions for Using the ASEC Public Use Replicate Weight File to Create ASEC Variance Estimates." https://usa.ipums.org/usa/resources/repwt/Use_of_the_Public_Use_Replicate_Weight_File_final_PR.doc

All online references accessed August 8, 2017.

ATTACHMENT 17

USER NOTES

This section will contain information relevant to the *Current Population Survey, May 2015: Tobacco Use Supplement File* that becomes available after the file is released.