CURRENT POPULATION SURVEY, January 2019
Tobacco Use Supplement FILE,
Version 2, Revised September 2020

TECHNICAL DOCUMENTATION
CPS—19

This file documentation consists of the following materials:

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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 design, data collection, and CPS-specific subject matter** should be directed to Tim Marshall, Demographic Surveys Division, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-3806.

Questions about the **TUS subject matter** should be directed to the National Cancer Institute's Division of Cancer Control and Population Sciences, Behavior Research Program at ncidccpsbrpadvances@mail.nih.gov

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], January 2019.

Type of File:

Microdata; unit of observation is person.

Universe Description:

For January 2019, the universe is person level for all persons aged 18 and above (prior to 2007 TUS also included those 15–17 years old) 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 50,090 households.

The supplement universe has the following conditions:

- HRINTSTA = 1
- PRPERTYP = 2
- PRTAGE greater than or equal to 18
- HRMIS in 1, 2, 3, 4, 5, 6, 7, 8
- PEELGFLG = 1

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, former smoker (*now* "*not at all*" smoking), and never smoker ("*never*" being defined as "*not having smoked 100 cigarettes in one's lifetime*").

- Section B **detailed smoking history and current use patterns** questions were asked if the person had smoked 100 cigarettes and is a self- respondent currently smoking everyday.

- Section C **detailed smoking history and current use patterns** questions were asked if the person had smoked 100 cigarettes and is a self- respondent 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, asked if ever quit.

- Section E asked self respondent current every day and some-day smokers about a set of methods used (quit lines, internet or web-based tools or Apps, switching to other tobacco products, nicotine replacement therapy, prescription antidepressants used for cessation treatment, counseling, classes and support groups) during the most recent quit attempt within the past 12 months.

- Section F asked self respondent current every day and some-day smokers about medical (often in past also dental, but not in 2018-19 series) 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 ever and current use of other tobacco products (cigars, regular pipes, hookah pipes, e-cigarettes, smokeless tobacco, and dissolvables) and asked ONLY self-respondents more detailed items about other tobacco product use (all other tobacco products EXCEPT dissolvables). .

- Section K asked self-respondents about indoor smoke-free and vape-free policies at work and at home, attitudes towards smoking in different places including in multi-unit housing. Also included is an item on awareness of tobacco industry corrective statements mandated by a federal judge.

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 for randomly selected household members age 18 years and older in January 2019. A new feature began in 2014-15 and continuing in the 2018-2019 cycle included random selection of respondents in larger households to reduce respondent burden. If the household had only 1 or 2 supplement eligible members then those persons were selected for interview. If the household had 3 or 4 supplement eligible members, then 2 of them were randomly selected for interview. If the household had more than 4 supplement eligible members, then 3 of them were randomly selected for interview.

For those supplement eligible persons NOT randomly selected, no supplement questions were asked, not even a proxy-response interview. This is a change from the previous collections for this supplement in 2014 and 2015.

Self-response was attempted for all eligible persons **selected**. A proxy interview was allowed after four callbacks to attempt a self-response. Those selected for self interview who were interviewed were eligible for the entire supplement, whereas proxy respondents standing in for those self-selected ones were only given an abbreviated interview.

Geographic Coverage:

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

Technical Description:

File Structure: Rectangular.
File Size: 141,875[1] logical person records; 1563 character logical record length. There are 93,886 total supplement eligible records for January 2019.
File Sort Sequence: The file is sorted by State (GESTFIPS) by household identification number by line number.

Reference Materials:

Current Population Survey, January 2019: Tobacco Use Supplement Technical Documentation. Documentation contains this abstract, questionnaire facsimiles, and record layouts of the file. Documentation is located at https://www.census.gov/programs-surveys/cps/technical-documentation/complete.html . Census Bureau Documentation for January 2019 and other TUS survey waves are also located at https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires.html .

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

Census Bureau. *The Current Population Survey Design and Methodology* (Technical Paper 77) describes in detail the sample design and survey procedures used as well as accuracy of estimates and sampling errors. A copy can be found at https://www.census.gov/programs-surveys/cps/technical-documentation/complete.html

File Availability:

The data contained herein are for the second month's data for the 2018-2019 TUS wave; in particular, from the January 2019 fielding. Data from the July 2018 and May 2019 fielding are also currently available. The main data files, technical documentation, and replicate weight files are all available for download at https://www.census.gov/data/datasets/time-series/demo/cps/cps-supp_cps-repwgt.html and will also be available directly from the NCI sponsor's site at https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires.html.

An updated NCI TUS-CPS harmonized dataset to include data from 1992 through 2019 will be available soon. Please check the TUS website for updates and to sign-up for the TUS notifications listserv at https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/index.html.

The NCI TUS-CPS Management Team has developed the *2018-2019 Tobacco Use Supplement to the Current Population Survey (TUS-CPS) User Guide for Conducting Weighted Analyses*, which includes specific information and guidance on obtaining properly weighted statistics and appropriate variance estimates using the 2018-2019 data, and features illustrative examples of different types of analyses, including statistical code in both SAS and SAS-Callable SUDAAN. This user guide is available at https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires-data#2018

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 54,000 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 Population Survey (CPS) is a monthly survey designed primarily to produce national and state estimates of labor force characteristics of the civilian noninstitutional population (CNP) 16 years of age and older. It is conducted in approximately 60,000 eligible housing units throughout the United States. (Note: 'Eligible'can be simplistically defined as an occupied housing unit having at least one person in the CNP.) This sample includes 10,000 eligible housing units from the monthly supplementary sample to improve state-level estimates of health insurance coverage for low-income children, also known as the CHIP expansion. This supplementary sample has been part of the official CPS since July 2001. Thirty-two states plus the District of Columbia contain this supplementary sample each month.

The CPS sample is based on information from the 2010 Decennial Census, in accordance with usual practice. Historically, the CPS sample has been redesigned after each Decennial Census.

The CPS sample is a probability sample based on a stratified two-stage sampling scheme: selection of sample primary sampling units (PSUs) and selection of sample housing units within those PSUs. In general, the CPS sample is selected from lists of addresses obtained from the Master Address File (MAF) with updates from the United States Postal Service (USPS) twice a year. The MAF is the Census Bureau's permanent list of addresses, including their geographic locations, for individual living quarters. It is continuously maintained through partnerships with the USPS; with Federal, State, regional, and local agencies; and with the private sector, and it is used as a sample frame by many Census Bureau demographic surveys.

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 10 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://census.gov/library/publications.html.

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 total population will equal published estimates, labor force estimates produced from a microdata file may not be directly comparable or identical with the published nonseasonally adjusted labor force data. The official labor force statistics published by the Bureau of Labor Statistics (BLS) are calculated using the CPS composite weight (PWCMPWGT). Anyone wanting to replicate not seasonally adjusted BLS estimates should use this weight. However, not all estimates made from a public use file will match such weighted published estimates. This is because of various steps taken in the creation of CPS public use files to protect the confidentiality of CPS respondents. Top side estimates for most major demographic and economic categories such as age, race, gender and major labor force status will agree with the published totals; however, estimates for small groups/combinations of these characteristics will differ. The same is true for any estimates for any demographic or labor force characteristic not listed above. Such estimates will be similar but not identical.

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 and is not reflected in any of the weights or variables included on the public use files.

Shown below are data from January and July 2015 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 the most recent of the CPS Technical Paper (66 or 77).

Comparison of CPS Estimates from Microdata Files with Published Sources

	Civilian Noninstitutional Population	Civilian Labor Force	Employed	Unemployed	Not in Labor Force
January 2015 Data (000's)					
Final Weights	249,723	156,311	146,658	9,653	93,412
Composited (Not Seasonally Adjusted)	249,723	156,050	146,552	9,498	93,674
Composited (Seasonally Adjusted)	249,723	157,180	148,201	8,979	92,544
July 1993 Data (000's)					
Final Weights	250,876	159,112	150,176	8,936	91,764
Composited (Not Seasonally Adjusted)	250,876	158,527	149,722	8,805	92,349
Composited (Seasonally Adjusted)	250,876	157,106	148,840	8,266	93,770

ATTACHMENT 3

OVERVIEW

January 2019 Tobacco Use
Supplement

General

Census Bureau staff conducted a Tobacco Use Supplement (TUS) to the Current Population Survey (CPS) in conjunction with the January 2019 CPS. The National Cancer Institute (NCI) and the U.S. Food and Drug Administration (FDA) currently co-sponsor the supplement. NCI has sponsored the TUS-CPS regularly since 1992 (more information on individual past waves can be found on the NCI website http://cancercontrol.cancer.gov/brp/tcrb/tus- cps/). The CPS is a monthly labor force survey conducted in approximately 50,000 interviewed households across the country. Attachment 8 contains a facsimile of the January 2019 TUS questions.

Major changes in content of the 2018-2019 series included:

- Capturing additional information on current cigarette use among adult respondents between the ages of 18 and 34 (who responded that they had not smoked at least 100 cigarettes).
- Adding back past items on use of cessation tools including nicotine replacement therapy, anti-depressants, and in-person counseling and support groups.
- Removing detailed items on use of dissolvable tobacco products.

New items include:

- Purchasing loose tobacco for roll-your-own cigarettes.
- Categorizing e-cigarette device type.
- Purchasing behaviors and costs for buying e-cigarettes, e-cigarette cartridges, or e-liquid.
- Policies toward e-cigarette use in the workplace and rules inside the home.
- Exposure to federal court mandated tobacco company corrective statements about the dangers of smoking cigarettes.
- Awareness and use of commonly called "heat not burn" tobacco products-**ONLY ADDED to May 2019 fielding.**

TUS data can be used by researchers to monitor tobacco control progress; conduct tobacco-related research, including tobacco health disparities; and evaluate tobacco control programs and policies. Although the TUS has changed slightly between 1992 and 2019, it has generally contained the same information covering:

- current cigarette smoking status and amount smoked;
- use of menthol cigarettes (since 2003);
- smoking history, quit attempts, and intention to quit;
- level of nicotine dependence (since 2003);

- cost of cigarettes and purchase location (since 2003);
- medical/dental advice to quit;
- cigar, pipe, and smokeless tobacco use;
- harm reduction and other emerging products (since 2003);
- workplace and home smoking restrictions; and
- attitudes toward smoke-free policies in public places.

More recent series have included more detailed information on:

- emerging tobacco products; e-cigarette items were added in the 2014-2015 series for the general population (while "ever use" of e-cigarettes among ONLY current and recently quit former users of any tobacco product was first introduced in May 2011).
- use of flavored non-cigarette tobacco products; and
- attitudes toward smoking in multi-unit housing.

Following the July 2018 and January 2019 collection was collection in May 2019 making up the 2018-19 TUS-CPS wave. Each file contains only TUS supplement data collected for the specific month (e.g., July 2018, January 2019 or May 2019) and its corresponding CPS data. State data will be most reliable when using data from all three months of data collection, within a survey wave. For this reason, we recommend using all three files when analyzing most state or sub- state level data.

For the January 2019 Tobacco Use Supplement, THE CITATION IS:

US Department of Commerce, Census Bureau 2020, National Cancer Institute and Food and Drug Administration co-sponsored Tobacco Use Supplement to the Current Population Survey January 2019. http://cancercontrol.cancer.gov/brp/tcrb/tus -cps/

To cite the Technical Documentation and Data Files, use the following in the above citation: https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires.html.

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

The NCI TUS-CPS Management Team has developed the *2018-2019 Tobacco Use Supplement to the Current Population Survey (TUS-CPS) User Guide for Conducting Weighted Analyses*, which includes specific information and guidance on obtaining properly weighted statistics and appropriate variance estimates using the 2018-2019 data, and features illustrative examples of different types of analyses, including statistical code in both SAS and SAS-Callable SUDAAN. This user guide is available at https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires-data#2018

Data Collection

Respondents are included in the 2018-19 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 2018-19 main data files.

The 2018-2019 Tobacco Use Supplement Items. The Supplement consisted of Items PEA1 through SINTTP. All CPS household members age 18 years and older who had completed CPS Core items were eligible for these items in January 2019.

A new feature that was first implemented in the 2014-15 wave and continued in this 2018-2019 wave consisted of ***random selection*** of respondents in ***larger households*** to reduce respondent burden. If the household had only 1 or 2 supplement eligible members then those persons 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. If the household had more than 4 supplement eligible members, then 3 of them were randomly selected for self-interview.

For those supplement eligible persons NOT randomly selected for self-interview, no supplement questions were asked, not even a proxy-response interview. This is a change from the previous collections for this supplement in 2014 and 2015 and earlier waves. A proxy interview was implemented for a selected self-interview respondent ONLY after four failed callback attempts.

Items for Both Proxy and Self-Respondents

Self-respondents were eligible for the entire supplement, whereas proxy respondents were only eligible for certain items. We only collected information from proxies on topics such as smoking status (Items PEA1 – PEA3) and the use of 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. SEE details for Questionnaire Sections B-K in ATTACHMENT 1- ABSTRACT.

Special Administrative Items

We also collected some special questions, such as type of interview [self (full) interview, proxy 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 January 2019 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:*

- making check items consistent with entries;
- making the various records of proxy/self consistent with each other; and
- 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 a TUS interview (self or proxy). Code 2 refers to non-interviews among those *originally* eligible for the supplement who are adults 18 years and older who are members of CPS interviewed households and not active duty members of the armed forces. Thus, Code 2 also includes those excluded from *final* eligibility and not interviewed due to having incompleted CPS interviews or those not randomly selected for supplement interview, as well as those nonresponses to TUS interview.. Code -1 refers to those records ineligible from the start for TUS interview because they are CPS non-response household records, are children (0-14 years of age), adults 15-17 years of age, or on active duty in the armed forces.

- The smoking status recode is identified by the variable "SMOKSTAT" where Code 1 is a "never smoker," Code 2 is an "every day smoker," Code 3 is a "some days smoker," Code 4 is a "former smoker," and Code -9 is "indeterminate (unknown) smoking status. This recode refers to the smoking status based on the “100 cigarettes” definition of smoking, Thus, those 18-34 year olds who responded No, Don’t Know (DK), or Refused (R) to the PEA1 item (“Have you EVER smoked 100….) who were also asked item PEA3 (“Do you NOW smoke every day, some days, or Not at all?”) to explore experimental current smoking, are categorized according to whether or not they answered YES, or NO/DK/R to PEA1 (EVER smoked at least 100 cigarettes) and ONLY a Yes response to A1 had their A3 responses considered.

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 position locations for each variable are defined and identified in the supplement record layout (Attachment 7). Skip patterns instead of universes are provided in the questionnaire facsimile in Attachment 8.

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 ONLY 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.

Special Replicate Weights File. A set of special replicate weights for making variance estimates such as standard errors and creating confidence intervals to account for the complex sample design of CPS and TUS have been created and exist on separate files. Replicate weight files are available from the Census Bureau at (https://www.census.gov/data/datasets/time-series/demo/cps/cps-supp_cps-repwgt.html) and are also directly available from the NCI TUS-CPS website http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires.html .

Use of Weights When Using All Three Files. The best analysis of the TUS-CPS data, especially for states and smaller localities, will come from combining the data in all three collection periods -July 2018 with January 2019 and May 2019 (when it becomes available). To use the main weights as well as the replicate weights when combining the three data files, divide each weight by three. The use of a replicate weighting method is suggested for calculating standard errors of estimates. Replicate weight files are available from the Census Bureau at http://thedataweb.rm.census.gov/ftp/cps_ftp.html#cpsrepwgt.

January 2019 NCI and FDA co-sponsored TUS-CPS Files

CPS Labor Force Data. The January 2019 CPS file contains 141,875 records. The first 1000 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 CPSinterviews.)

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
	January 2019
1 = Child	21,698
2 = Adult Civilian, 15+	98,725
3 = Adult, Armed Forces	388
Total	**120,811**

The values of HRINTSTA are:

1 = Interview	120,811[1]
2 = Type A Non-interview	10,156
3 = Type B Non-interview	10,361
4 = Type C Non-interview	547
	141,875

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

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

Non-response . The effect of non-response cannot be measured directly, but one indication of its potential effect is the supplement response rate (or non-response rate). For the January 2019 basic CPS, the household- level response rate was 83.1 percent. The person-level response rates for the Tobacco Use Supplement were 77.6 percent for the total (allowing all self and proxy responses) and 58.9 percent for self-response only (counting proxy responses as non-responses).

Since the basic CPS non-response rate is a household-level rate and the Tobacco Use supplement non-response rate is a person-level rate, we cannot combine these rates to derive an overall non-response rate. Nonresponding households may have fewer persons than interviewed ones, so combining these rates may lead to an overestimate of the true overall non-response 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. Final eligibility is further limited to those who were randomly selected based on household size for FULL self -response interview.

The TUS response rate is calculated as the percentage of those who completed the TUS (interviewed) to those who were eligible to complete it after all previous exclusions .

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

January 2019	Count	Percent
Total Eligible for TUS Interview	79,919[2]	100.0
Self Respondents	47,047	58.9
Proxy Respondents	14,953	18.7
Non-Respondents	17,919	22.4

The Total Number of TUS-CPS Interviewed Adults 18+ (INTRVIEW=1) for January 2019 is: **62,000**[3]

Those INELIGIBLE for the TUS (N=61,956) include:

- adults 18 and up that were NOT randomly selected for interview (N=13,546[4])
- children 0-14 years of age (N=21,698),
- adults 15-17 years of age (N = 4,593),
- those adults in the Armed Forces (N=388),
- those with incomplete CPS interviews (N = 667)[5] and
- CPS non-interviewed persons (N = 21,064).

[2] Total eligible for TUS interview. These counts for "eligible" and "interviewed" includes one respondent who was interviewed (by proxy) although this had not been randomly selected for interview. Likewise, the "ineligible" count for adults 18+ that were not randomly chosen for interview excludes this respondent to keep the total number of persons/records consistent.

[3] Interviewed

[4] NOT randomly selected for interview

[5] Those with incomplete CPS interviews (N = 667) include 421 who had missing age at time of survey and thus had no opportunity to be randomly selected among those eligible CPS respondents 18+ (later found to actually be 18+) and 246 had CPS incomplete interviews for some other reason.

ATTACHMENT 3b

Tobacco Use Supplements (TUS-CPS)

TUS-CPS Data Harmonization and Its Linkages to Other CPS Supplements and Health Outcomes Data

Data Harmonization

Data from 1992 through the 2015 waves of the TUS-CPS have been harmonized into a single file by NCI to provide a more robust data source by increasing the sample size for measures and to allow for more seamless tracking of trends over time. Data from the 2018-2019 series will be added to the harmonized dataset after all three data collection months are available. Please visit https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires.html for more information on the harmonized data and see 2019 Workshop presentation, https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/workshops/2019/TUS-SRNT2019WorkshopPresent.pdf

Harmonized Topics

Core variables from CPS (demographic, geographic, occupational, economic variables) were included in the harmonization. Harmonized topics include:

- Cigarette use, both current and prior usage among daily and nondaily smokers. Also includes menthol use since 2003
- Workplace and home smoking restrictions
- Attitudes toward smoke-free policies in indoor work areas/public places (no harmonization for smoke-free attitudes for multi-unit housing which started in 2014-15 and will later be harmonized with 2018-19 and future data)
- Advice by physician/dentist to quit smoking
- Health perceptions/beliefs (harm reduction)
- Smoking history including cessation attempts and aids used for both current and former smokers
- Other tobacco products: cigar, pipe, and smokeless tobacco use; other emerging products, including e-cigarettes.

Data Collection

Respondents are included in a TUS-CPS sample (wave) typically only once. The rotation of households in and out of sample for the TUS-CPS was generally sufficiently spaced, with months between interviewing so the sample did not contain many overlapping panels. This spacing eliminated most individuals being in the sample twice within the various TUS waves main data files. Intentional exceptions to this are for those longitudinal cohorts in which follow-up was a goal such as for May 2010-2011 and February 2002-2003. A limited cohort was also created to examine changes in wording of other tobacco products for January and May 1999 with January and May 2000, respectively.

Additional information on data collection waves can be found on the NCI website http://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires.html and in the technical documentation for each individual month's data collection.

Information on TUS-CPS Linkages to Other CPS Supplements and Health Outcomes Data

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. 2019. Current Population Survey: Design and Methodology Technical Paper 77. Washington, D.C. U.S. Census Bureau http://www.census.gov/prod/2019pubs/tp-77.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 2018, January 2019, or May 2019) 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), Computer and Internet and Use, American Time Use (ATUS), Voting and Registration, Food Security, Veterans, and other CPS Supplements.

For a listing of CPS Supplements, see https://www.census.gov/programs-surveys/cps/about/supplemental-surveys.html , for specific CPS Supplements see the Census CPS ftp website for individual Supplement's Technical Documentation and data download at https://www.census.gov/programs-surveys/cps/technical-documentation/complete.html and for some examples of recent info see:

- March Annual Social and Economic (ASEC) Supplement:

  https://www.census.gov/programs-surveys/cps.html
- Computer and Internet Use Supplement: https://www.census.gov/topics/population/computer-internet.html
- American Time Use Supplement (ATUS): https://www.bls.gov/tus/
- Voting and Registration Supplement:

  https://www2.census.gov/programs-surveys/cps/techdocs/cpsnov18.pdf and https://www.census.gov/topics/public-sector/voting/data.html
- Food Security Supplement:

  https://www2.census.gov/programs-surveys/cps/techdocs/cpsdec17.pdf and https://www.ers.usda.gov/data-products/food-security-in-the-united-states/
- Veterans Supplement:

  https://www2.census.gov/programs-surveys/cps/techdocs/cpsaug17.pdf

For matching variables and procedures for merging other CPS Supplement data to the 2018-19 TUS –CPS files and earlier TUS-CPS series, see:

- Census Bureau website document on linking the CPS public use data files, https://www2.census.gov/programs-surveys/cps/methodology/How%20To%20Link%20CPS%20Public%20Use%20Files.pdf.
- http://www.cancermeetings.org/TUSCPSWebinar/presentations.cfm , especially http://www.cancermeetings.org/TUSCPSWebinar/documents/TUSCPS_Webinar_Gibson.pdf
- https://www2.census.gov/programs-surveys/cps/techdocs/cpsmay10-11.pdf
- https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/workshops/index.html

For how to generally reweight a subset of multiple panel data from the same individuals, see:

- the NCI report describing how we reweighted the TUS 2002-2003 Overlap (Longitudinal) Cohort data: Weighting the Overlap Sample report (PDF) , , https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/TUS-CPS_overlap.pdf and
- https://www2.census.gov/programs-surveys/cps/techdocs/cpsmay10-11.pdf

TUS-CPS data can also be linked to health outcomes data with the **National Longitudinal Mortality Study (NLMS)**. Currently TUS-CPS data is linked to the March ASEC data which is the basis of the cohorts in the NLMS. Health outcomes data include primarily disease-specific cause mortality through its match to the National Death Index. Other existing or future opportunities will include linkages with NCI SEER Cancer Registry and Medicare claims data. See the following websites for more information:

- https://census.gov/nlms and https://www.census.gov/topics/research/nlms.Reference_Manual.html
- https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/linkages.html

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

****
* STARTING JANUARY 2017 *
****

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.	
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
		VALID ENTRIES	
		0 MIN VALUE 99 MAX VALUE	

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

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
		259 UNIT DOES NOT EXIST/OUT OF SCOPE 256 REMOVED DURING SUB-SAMPLING 257 UNIT ALREADY HAD A CHANCE OF SELECTION	
FILLER	2		27 - 28
HETENURE	2	ARE YOUR LIVING QUARTERS... (READ ANSWER CATEGORIES) EDITED UNIVERSE: HRINTSTA = 1 OR HUTYPB = 1-3 <u>VALID ENTRIES</u> 1 OWNED OR BEING BOUGHT BY A HH MEMBER 2 RENTED FOR CASH 3 OCCUPIED WITHOUT PAYMENT OF CASH RENT NOTE: May be missing on the Basic CPS microdata files. This will be updated on later releases of the same month's data.	29 - 30
HEHOUSUT	2	TYPE OF HOUSING UNIT EDITED UNIVERSE: ALL HHLDs IN SAMPLE <u>VALID ENTRIES</u> 0 OTHER UNIT 1 HOUSE, APARTMENT, FLAT 2 HU IN NONTRANSIENT HOTEL, MOTEL, ETC. 3 HU PERMANENT IN TRANSIENT HOTEL, MOTEL 4 HU IN ROOMING HOUSE 5 MOBILE HOME OR TRAILER W/NO PERM. ROOM ADDED 6 MOBILE HOME OR TRAILER W/1 OR MORE PERM. ROOMS ADDED 7 HU NOT SPECIFIED ABOVE 8 QUARTERS NOT HU IN ROOMING OR BRDING HS 9 UNIT NOT PERM. IN TRANSIENT HOTL, MOTL 10 UNOCCUPIED TENT SITE OR TRLR SITE 11 STUDENT QUARTERS IN COLLEGE DORM 12 OTHER UNIT NOT SPECIFIED ABOVE	31 - 32
HETELHHD	2	IS THERE A TELEPHONE IN THIS HOUSE/APARTMENT? EDITED UNIVERSE: HRINTSTA = 1 <u>VALID ENTRIES</u>	33 - 34

NAME	SIZE	DESCRIPTION	LOCATION
		1 YES 2 NO	
HETELAVL	2	IS THERE A TELEPHONE ELSEWHERE ON WHICH PEOPLE IN THIS HOUSEHOLD CAN BE CONTACTED? EDITED UNIVERSE: HETELHHD = 2 <u>VALID ENTRIES</u> 1 YES 2 NO	35 - 36
HEPHONEO	2	IS A TELEPHONE INTERVIEW ACCEPTABLE? EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1 <u>VALID ENTRIES</u> 0 NO 1 YES	37 - 38
HEFAMINC	2	FAMILY INCOME (COMBINED INCOME OF ALL FAMILY MEMBERS DURING THE LAST 12 MONTHS. INCLUDES MONEY FROM JOBS, NET INCOME FROM BUSINESS, FARM OR RENT, PENSIONS, DIVIDENDS, INTEREST, SOCIAL SECURITY PAYMENTS AND ANY OTHER MONEY INCOME RECEIVED BY FAMILY MEMBERS WHO ARE 15 YEARS OF AGE OR OLDER.) Edited beginning January 2010 **Note: Caution should be used when using this variable since it has an allocation rate of approximately 20 percent.** <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	39 - 40

NAME	SIZE	DESCRIPTION	LOCATION
		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	
HUTYPEA	2	TYPE A NONINTERVIEW REASON <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	41 - 42
HUTYPB	2	TYPE B NON-INTERVIEW REASON <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	43 - 44
HUTYPC	2	TYPE C NON-INTERVIEW REASON <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 7 UNUSED LINE OF LISTING SHEET 8 UNLOCATABLE SAMPLE ADDRESS	45 - 46

NAME	SIZE	DESCRIPTION	LOCATION
		9 UNIT DOES NOT EXIST/OUT OF SCOPE 10 OTHER - SPECIFY	
HWHHWGT	10	HOUSEHOLD WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR TALLYING HOUSEHOLD CHARACTERISTICS EDITED UNIVERSE: HRINTSTA = 1	47 - 56
HRINTSTA	2	INTERVIEW STATUS EDITED UNIVERSE: ALL HHLDs IN SAMPLE <u>VALID ENTRIES</u> 1 INTERVIEW 2 TYPE A NON-INTERVIEW 3 TYPE B NON-INTERVIEW 4 TYPE C NON-INTERVIEW	57 - 58
HRNUMHOU	2	TOTAL NUMBER OF PERSONS LIVING IN THE HOUSEHOLD (HOUSEHOLD MEMBERS). EDITED UNIVERSE: ALL HHLDs IN SAMPLE <u>VALID ENTRIES</u> 0 MIN VALUE 16 MAX VALUE	59 - 60
HRHTYPE	2	HOUSEHOLD TYPE EDITED UNIVERSE: ALL HHLDs IN SAMPLE <u>VALID ENTRIES</u> 0 NON-INTERVIEW HOUSEHOLD 1 HUSBAND/WIFE PRIMARY FAMILY (NEITHER AF) 2 HUSB/WIFE PRIM. FAMILY (EITHER/BOTH AF) 3 UNMARRIED CIVILIAN MALE-PRIM. FAM HHLDER 4 UNMARRIED CIV. FEMALE-PRIM FAM HHLDER 5 PRIMARY FAMILY HHLDER-RP IN AF, UNMAR. 6 CIVILIAN MALE PRIMARY INDIVIDUAL 7 CIVILIAN FEMALE PRIMARY INDIVIDUAL 8 PRIMARY INDIVIDUAL HHLD-RP IN AF 9 GROUP QUARTERS WITH FAMILY 10 GROUP QUARTERS WITHOUT FAMILY	61 - 62

NAME	SIZE	DESCRIPTION	LOCATION
HRMIS	2	MONTH-IN-SAMPLE EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 1 MIN VALUE 8 MAX VALUE	63 - 64
HUINTTYP	2	TYPE OF INTERVIEW VALID ENTRIES 0 NONINTERVIEW/INDETERMINATE 1 PERSONAL 2 TELEPHONE	65 - 66
HUPRSCNT	2	NUMBER OF ACTUAL AND ATTEMPTED PERSONAL CONTACTS VALID ENTRIES 1 MIN VALUE 9 MAX VALUE	67 - 68
HRLONGLK	2	LONGITUDINAL LINK INDICATOR EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 0 MIS 1 OR REPLACEMENT HH (NO LINK) 2 MIS 2-4 OR MIS 6-8 3 MIS 5	69 - 70
HRHHID2	5	HOUSEHOLD IDENTIFIER (part 2) 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. The component parts of this number are as follows: 71-72 Numeric component of the sample number (HRSAMPLE) 73-74 Serial suffix-converted to numerics (HRSERSUF) 75 Household Number (HUHHNUM)	71 - 75
HWHHWTLN	2	Line Number (PULINENO) of the person whose PWSSWGT was donated as HWHHWGT for the household	76-77

NAME	SIZE	DESCRIPTION	LOCATION
		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 HAVE A BUSINESS OR A FARM? <u>VALID ENTRIES</u> 1 YES 2 NO	79 - 80
HUBUSL1	2	ENTER LINE NUMBER FOR HUBUS = 1 <u>VALID ENTRIES</u> 01 MIN VALUE 99 MAX VALUE	81 - 82
HUBUSL2	2	See BUSL1 <u>VALID ENTRIES</u> 1 MIN VALUE 99 MAX VALUE	83 - 84
HUBUSL3	2	See BUSL1 <u>VALID ENTRIES</u> 1 MIN VALUE 99 MAX VALUE	85 - 86
HUBUSL4	2	See BUSL1 <u>VALID ENTRIES</u> 1 MIN VALUE 99 MAX VALUE	87 - 88

NAME	SIZE	DESCRIPTION	LOCATION

A2. GEOGRAPHIC INFORMATION

GEREG	2	REGION	89 - 90

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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

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

FILLER	1		92 – 92
GESTFIPS	2	FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) STATE CODE	93 - 94

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

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

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.

NAME	SIZE	DESCRIPTION	LOCATION

ALSO, MOST COUNTIES ARE <u>NOT</u> IDENTIFIED.

GTCBSAST	1	PRINCIPAL CITY/BALANCE STATUS	104 - 104

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

1 PRINCIPAL CITY
2 BALANCE
3 NONMETROPOLITAN
4 NOT IDENTIFIED

GTMETSTA	1	METROPOLITAN STATUS	105 - 105

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

1 METROPOLITAN
2 NONMETROPOLITAN
3 NOT IDENTIFIED

GTINDVPC	1	INDIVIDUAL PRINCIPAL CITY	106 - 106

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

0 NOT IDENTIFIED, NONMETROPOLITAN, or NOT A CENTRAL CITY
1-7 SPECIFIC PRINCIPAL CITY CODE (SEE GEOGRAPHIC ATTACHMENT) NOTE: WHENEVER POSSIBLE THIS CODE IDENTIFIES SPECIFIC PRINCIPAL CITIES IN A METROPOLITAN AREA THAT HAS MULTIPLE PRINCIPAL CITIES. THIS CODE MUST BE USED IN COMBINATION WITH THE CBSA FIPS CODE (GTCBSA) IN ORDER TO UNIQUELY IDENTIFY A SPECIFIC CITY.

GTCBSASZ	1	Metropolitan Area (CBSA) SIZE	107 - 107

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

NAME	SIZE	DESCRIPTION	LOCATION
		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) EDITED UNIVERSE: ALL HHLD's IN SAMPLE <u>VALID ENTRIES</u> 000 NOT IDENTIFIED OR NONMETROPOLITAN 104 MIN VALUE 548 MAX VALUE	108-110
FILLER	3		111 - 113
		<u>A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS</u>	
FILLER	2	Starting January 2014	114 - 117
PERRP	2	RELATIONSHIP TO REFERENCE PERSON EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3 <u>VALID ENTRIES</u> EXPANDED RELATIONSHIP CATEGORIES 01 REFERENCE PERSON W/RELS. 02 REFERENCE PERSON W/O RELS. 03 SPOUSE 04 CHILD 05 GRANDCHILD 06 PARENT 07 BROTHER/SISTER 08 OTHER REL. OR REF. PERSON 09 FOSTER CHILD	118 - 119

NAME	SIZE	DESCRIPTION	LOCATION

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

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

NAME	SIZE	DESCRIPTION	LOCATION
PEMARITL	2	MARITAL STATUS EDITED UNIVERSE: PRTAGE >= 15 VALID ENTRIES 1 MARRIED - SPOUSE PRESENT 2 MARRIED - SPOUSE ABSENT 3 WIDOWED 4 DIVORCED 5 SEPARATED 6 NEVER MARRIED	125 - 126
PESPOUSE	2	LINE NUMBER OF SPOUSE EDITED UNIVERSE: PEMARITL = 1 VALID ENTRIES -1 NO SPOUSE 01 MIN VALUE 99 MAX VALUE	127 - 128
PESEX	2	SEX EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 1 MALE 2 FEMALE	129 - 130
PEAFEVER	2	DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES? EDITED UNIVERSE: PRTAGE >=17 VALID ENTRIES 1 YES 2 NO	131 - 132
FILLER	2	Starting August 2005	133 - 134

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

EDITED UNIVERSE: PRPERTYP = 2 or 3

VALID ENTRIES

1 YES
2 NO

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

EDITED UNIVERSE: PRPERTYP = 2 0R 3

VALID ENTRIES

31 LESS THAN 1ST GRADE
32 1ST, 2ND, 3RD OR 4TH GRADE
33 5TH OR 6TH GRADE
34 7TH OR 8TH GRADE
35 9TH GRADE
36 10TH GRADE
37 11TH GRADE
38 12TH GRADE NO DIPLOMA
39 HIGH SCHOOL GRAD-DIPLOMA OR EQUIV (GED)
40 SOME COLLEGE BUT NO DEGREE
41 ASSOCIATE DEGREE-OCCUPATIONAL/VOCATIONAL
42 ASSOCIATE DEGREE-ACADEMIC PROGRAM
43 BACHELOR'S DEGREE (EX: BA, AB, BS)
44 MASTER'S DEGREE (EX: MA, MS, MEng, MEd, MSW)
45 PROFESSIONAL SCHOOL DEG (EX: MD, DDS, DVM)
46 DOCTORATE DEGREE (EX: PhD, EdD)

PTDTRACE	2	RACE	139 – 140

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

VALID ENTRIES

01 White Only
02 Black Only
03 American Indian, Alaskan Native Only
04 Asian Only
05 Hawaiian/Pacific Islander Only

NAME	SIZE	DESCRIPTION	LOCATION
		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

Revised January 2014

EDITED UNIVERSE: PEHSPNON = 1

VALID ENTRIES

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

VALID ENTRIES

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

FILLER	2		145 - 146
PULINENO	2	PERSON'S LINE NUMBER	147 – 148

VALID ENTRIES

01 MIN VALUE
99 MAX VALUE

FILLER	2		149 - 150
PRFAMNUM	2	FAMILY NUMBER RECODE	151 - 152

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

VALID ENTRIES

00 NOT A FAMILY MEMBER
01 PRIMARY FAMILY MEMBER ONLY
02 SUBFAMILY NO. 2 MEMBER
03 SUBFAMILY NO. 3 MEMBER
04 SUBFAMILY NO. 4 MEMBER
05 SUBFAMILY NO. 5 MEMBER
06 SUBFAMILY NO. 6 MEMBER
07 SUBFAMILY NO. 7 MEMBER
08 SUBFAMILY NO. 8 MEMBER
09 SUBFAMILY NO. 9 MEMBER
10 SUBFAMILY NO. 10 MEMBER
11 SUBFAMILY NO. 11 MEMBER
12 SUBFAMILY NO. 12 MEMBER
13 SUBFAMILY NO. 13 MEMBER
14 SUBFAMILY NO. 14 MEMBER
15 SUBFAMILY NO. 15 MEMBER

NAME	SIZE	DESCRIPTION	LOCATION
		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 EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 <u>VALID ENTRIES</u> 0 NOT A FAMILY MEMBER 1 REFERENCE PERSON 2 SPOUSE 3 CHILD 4 OTHER RELATIVE (PRIMARY FAMILY & UNREL)	153 - 154
PRFAMTYP	2	FAMILY TYPE RECODE EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 <u>VALID ENTRIES</u> 1 PRIMARY FAMILY 2 PRIMARY INDIVIDUAL 3 RELATED SUBFAMILY 4 UNRELATED SUBFAMILY 5 SECONDARY INDIVIDUAL	155 - 156
PEHSPNON	2	HISPANIC OR NON-HISPANIC EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 <u>VALID ENTRIES</u> 1 HISPANIC 2 NON-HISPANIC	157 - 158
PRMARSTA	2	MARITAL STATUS BASED ON ARMED FORCES PARTICIPATION EDITED UNIVERSE: PRPERTYP = 2 0R 3	159 - 160

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 MARRIED, CIVILIAN SPOUSE PRESENT 2 MARRIED, ARMED FORCES SPOUSE PRESENT 3 MARRIED, SPOUSE ABSENT (EXC. SEPARATED) 4 WIDOWED 5 DIVORCED 6 SEPARATED 7 NEVER MARRIED	
PRPERTYP	2	TYPE OF PERSON RECORD RECODE	161 - 162
		EDITED UNIVERSE: ALL HOUSEHOLD MEMBERS	
		VALID ENTRIES 1 CHILD HOUSEHOLD MEMBER 2 ADULT CIVILIAN HOUSEHOLD MEMBER 3 ADULT ARMED FORCES HOUSEHOLD MEMBER	
PENATVTY	3	COUNTRY OF BIRTH	163 - 165
		EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3	
		VALID ENTRIES 057 UNITED STATES 060 AM SAMOA 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 060 AM SAMOA 066 GUAM 073 PUERTO RICO	

NAME	SIZE	DESCRIPTION	LOCATION
		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	
		<u>VALID ENTRIES</u>	
		057 UNITED STATES 060 AM SAMOA 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	
		<u>VALID ENTRIES</u>	
		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	

NAME	SIZE	DESCRIPTION	LOCATION

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
23 2012-2013
24 2014-2017

Starting January 2018

24 2014-2015
25 2016-2018

Starting January 2019

25 2016-2019

A4. PERSONS INFORMATION LABOR FORCE ITEMS

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

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 SELF 2 PROXY 3 BOTH SELF AND PROXY	
PEMLR	2	MONTHLY LABOR FORCE RECODE EDITED UNIVERSE: PRPERTYP = 2 VALID ENTRIES 1 EMPLOYED-AT WORK 2 EMPLOYED-ABSENT 3 UNEMPLOYED-ON LAYOFF 4 UNEMPLOYED-LOOKING 5 NOT IN LABOR FORCE-RETIRED 6 NOT IN LABOR FORCE-DISABLED 7 NOT IN LABOR FORCE-OTHER	180 - 181
PUWK	2	LAST WEEK, DID YOU DO ANY WORK FOR (EITHER) PAY (OR PROFIT)? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	182 - 183
PUBUS1	2	LAST WEEK, DID YOU DO ANY UNPAID WORK IN THE FAMILY BUSINESS OR FARM? VALID ENTRIES 1 YES 2 NO	184 - 185
PUBUS2OT	2	DO YOU RECEIVE ANY PAYMENTS OR PROFITS FROM THE BUSINESS?	186 - 187

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 YES 2 NO	
PUBUSCK1	2	CHECK ITEM 1 FILTER FOR QUESTIONS ON UNPAID WORK VALID ENTRIES 1 GOTO PUBUS1 2 GOTO PURETCK1	188 - 189
PUBUSCK2	2	CHECK ITEM 2 SKIPS OWNERS OF FAMILY BUSINES WHO DID NOT WORK LAST WEEK VALID ENTRIES 1 GOTO PUHRUSL1 2 GOTO PUBUS2	190 - 191
PUBUSCK3	2	CHECK ITEM 3 VALID ENTRIES 1 GOTO PUABSRSN 2 GOTO PULAY	192 - 193
PUBUSCK4	2	CHECK ITEM 4 VALID ENTRIES 1 GOTO PUHRUSL1 2 GOTO PUABSPD	194 - 195
PURETOT	2	RETIREMENT STATUS (LAST MONTH YOU WERE REPORTED TO BE RETIRED, ARE YOU STILL RETIRED THIS MONTH?) VALID ENTRIES 1 YES 2 NO 3 WAS NOT RETIRED LAST MONTH	196 - 197
PUDIS	2	DISABILITY STATUS (LAST MONTH YOU WERE REPORTED TO	198 - 199

NAME	SIZE	DESCRIPTION	LOCATION
		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 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	200 - 201
PUDIS1	2	DOES YOUR DISABILITY PREVENT YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS? VALID ENTRIES 1 YES 2 NO	202 - 203
PUDIS2	2	DO YOU HAVE A DISABILITY THAT PREVENTS YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS? VALID ENTRIES 1 YES 2 NO	204 - 205
PUABSOT	2	LAST WEEK DID YOU HAVE A JOB EITHER FULL OR PART-TIME?	206 - 207

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	
PULAY	2	LAST WEEK, WERE YOU ON LAYOFF FROM A JOB? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	208 - 209
PEABSRSN	2	WHAT IS THE MAIN REASON YOU WERE ABSENT FROM WORK LAST WEEK? EDITED UNIVERSE: PEMLR = 2 VALID ENTRIES 1 ON LAYOFF 2 SLACK WORK/BUSINESS CONDITIONS 3 WAITING FOR A NEW JOB TO BEGIN 4 VACATION/PERSONAL DAYS 5 OWN ILLNESS/INJURY/MEDICAL PROBLEMS 6 CHILD CARE PROBLEMS 7 OTHER FAMILY/PERSONAL OBLIGATION 8 MATERNITY/PATERNITY LEAVE 9 LABOR DISPUTE 10 WEATHER AFFECTED JOB 11 SCHOOL/TRAINING 12 CIVIC/MILITARY DUTY 13 DOES NOT WORK IN THE BUSINESS 14 OTHER (SPECIFY)	210 - 211
PEABSPDO	2	ARE YOU BEING PAID BY YOUR EMPLOYER FOR ANY OF THE TIME OFF LAST WEEK? EDITED UNIVERSE: PEABSRSN = 4-12, 14	212 - 213

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 YES 2 NO	
PEMJOT	2	DO YOU HAVE MORE THAN ONE JOB? EDITED UNIVERSE: PEMLR = 1, 2 VALID ENTRIES 1 YES 2 NO	214 - 215
PEMJNUM	2	ALTOGETHER, HOW MANY JOBS DID YOU HAVE? EDITED UNIVERSE: PEMJOT = 1 VALID ENTRIES 2 2 JOBS 3 3 JOBS 4 4 OR MORE JOBS	216 - 217
PEHRUSL1	2	HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR MAIN JOB? EDITED UNIVERSE: PEMJOT = 1 OR 2 AND PEMLR = 1 OR 2 VALID ENTRIES -4 HOURS VARY 0 MIN VALUE 99 MAX VALUE	218 - 219
PEHRUSL2	2	HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR OTHER (JOB/JOBS)? EDITED UNIVERSE: PEMJOT = 1 AND PEMLR = 1 OR 2 VALID ENTRIES -4 HOURS VARY 0 MIN VALUE 99 MAX VALUE	220 - 221

NAME	SIZE	DESCRIPTION	LOCATION
PEHRFTPT	2	DO YOU USUALLY WORK 35 HOURS OR MORE PER WEEK? EDITED UNIVERSE: PEHRUSL1 = -4 OR PEHRUSL2 = -4 <u>VALID ENTRIES</u> 1 YES 2 NO 3 HOURS VARY	222 - 223
PEHRUSLT	3	SUM OF HRUSL1 AND HRUSL2. EDITED UNIVERSE: PEMLR = 1 OR 2 <u>VALID ENTRIES</u> -4 VARIES 0 MIN VALUE 198 MAX VALUE	224 - 226
PEHRWANT	2	DO YOU WANT TO WORK A FULL-TIME 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	227 - 228
PEHRRSN1	2	WHAT IS YOUR MAIN REASON FOR WORKING PART-TIME? EDITED UNIVERSE: PEHRWANT = 1 (PEMLR = 1 AND PEHRUSLT < 35) <u>VALID ENTRIES</u> 1 SLACK WORK/BUSINESS CONDITIONS 2 COULD ONLY FIND PART-TIME WORK 3 SEASONAL WORK 4 CHILD CARE PROBLEMS	229 - 230

NAME	SIZE	DESCRIPTION	LOCATION
		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 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	231 - 232
PEHRRSN3	2	WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK? EDITED UNIVERSE: PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2 (PEMLR = 1 AND PEHRUSLT = 35+) <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 9 LABOR DISPUTE 10 WEATHER AFFECTED JOB 11 SCHOOL/TRAINING 12 CIVIC/MILITARY DUTY 13 OTHER REASON	233 - 234

NAME	SIZE	DESCRIPTION	LOCATION
PUHROFF1	2	LAST WEEK, DID YOU LOSE OR TAKE OFF ANY HOURS FROM YOUR JOB, FOR ANY REASON SUCH AS ILLNESS, SLACK WORK, VACATION, OR HOLIDAY? VALID ENTRIES 1 YES 2 NO	235 - 236
PUHROFF2	2	HOW MANY HOURS DID YOU TAKE OFF? VALID ENTRIES 0 MIN VALUE 99 MAX VALUE	237 - 238
PUHROT1	2	LAST WEEK, DID YOU WORK ANY OVERTIME OR EXTRA HOURS (AT YOUR MAIN JOB) THAT YOU DO NOT USUALLY WORK? VALID ENTRIES 1 YES 2 NO	239 - 240
PUHROT2	2	HOW MANY ADDITIONAL HOURS DID YOU WORK? VALID ENTRIES 0 MIN VALUE 99 MAX VALUE	241 - 242
PEHRACT1	2	LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR JOB? EDITED UNIVERSE: PEMLR = 1 VALID ENTRIES 0 MIN VALUE 99 MAX VALUE	243 - 244

NAME	SIZE	DESCRIPTION	LOCATION
PEHRACT2	2	LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR OTHER (JOB/JOBS) EDITED UNIVERSE: PEMLR = 1 AND PEMJOT = 1 <u>VALID ENTRIES</u> 0 MIN VALUE 99 MAX VALUE	245 - 246
PEHRACTT	3	SUM OF PEHRACT1 AND PEHRACT2. EDITED UNIVERSE: PEMLR = 1 <u>VALID ENTRIES</u> 0 MIN VALUE 198 MAX VALUE	247 - 249
PEHRAVL	2	LAST WEEK, COULD YOU HAVE WORKED FULL-TIME IF THE HOURS HAD BEEN AVAILABLE? EDITED UNIVERSE: PEHRACTT = 1-34 (PEMLR = 1 AND PEHRUSLT < 35 AND PEHRRSN1 = 1, 2, 3) <u>VALID ENTRIES</u> 1 YES 2 NO	250 - 251
FILLER	5		252 - 256
PUHRCK1	2	CHECK ITEM 1 <u>VALID ENTRIES</u> 1 GOTO PUHRUSL2 2 GOTO PUHRUSLT	257 - 258
PUHRCK2	2	CHECK ITEM 2 SKIPS PERSONS RESPONDING YES TO HRFTPT OUT OF PT SERIES	259 - 260

NAME	SIZE	DESCRIPTION	LOCATION
		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
		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

NAME	SIZE	DESCRIPTION	LOCATION
		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
		VALID ENTRIES 1 IF ENTRY OF 2, D OR R IN BUS2 AND HRACTT IS LESS THAN 15 OR D GOTO LK 2 ALL OTHERS GOTO IOCK1	
PULAYDT	2	HAS YOUR EMPLOYER GIVEN YOU A DATE TO RETURN TO WORK?	273 - 274
		VALID ENTRIES 1 YES 2 NO	

NAME	SIZE	DESCRIPTION	LOCATION
PULAY6M	2	HAVE YOU BEEN GIVEN ANY INDICATION THAT YOU WILL BE RECALLED TO WORK WITHIN THE NEXT 6 MONTHS? VALID ENTRIES 1 YES 2 NO	275 - 276
PELAYAVL	2	COULD YOU HAVE RETURNED TO WORK LAST WEEK IF YOU HAD BEEN RECALLED? EDITED UNIVERSE: PEMLR = 3 VALID ENTRIES 1 YES 2 NO	277 - 278
PULAYAVR	2	WHY IS THAT? VALID ENTRIES 1 OWN TEMPORARY ILLNESS 2 GOING TO SCHOOL 3 OTHER	279 - 280
PELAYLK	2	EVEN THOUGH YOU ARE TO BE CALLED BACK TO WORK, HAVE YOU BEEN LOOKING FOR WORK DURING THE LAST 4 WEEKS. EDITED UNIVERSE: PELAYAVL= 1, 2 VALID ENTRIES 1 YES 2 NO	281 - 282
PELAYDUR	3	DURATION OF LAYOFF EDITED UNIVERSE: PELAYLK = 1, 2 VALID ENTRIES 01-51 Weeks on layoff 52 52 weeks or more Topcoded at 52 weeks starting April 2011	283 - 285

NAME	SIZE	DESCRIPTION	LOCATION
PELAYFTO	2	FT/PT STATUS OF JOB FROM WHICH SAMPLE PERSON WAS ON LAYOFF FROM EDITED UNIVERSE: PELAYDUR = 0-120 VALID ENTRIES 1 YES 2 NO	286 - 287
PULAYCK1	2	CHECK ITEM 1 VALID ENTRIES 1 GOTO PULAYCK3 2 GOTO PULAYFT 3 GOTO PULAYDR	288 - 289
PULAYCK2	2	CHECK ITEM 2 SCREEN FOR DEPENDENT LAYOFF VALID ENTRIES 1 GOTO PULAYDR3 2 GOTO PULAYFT	290 - 291
PULAYCK3	2	CHECK ITEM 3 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	292 - 293
PULK	2	HAVE YOU BEEN DOING ANYTHING TO FIND WORK DURING THE LAST 4 WEEKS? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	294 - 295

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

EDITED UNIVERSE: PEMLR = 4

VALID ENTRIES

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

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

VALID ENTRIES

1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
2 CONTACTED 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

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

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

VALID ENTRIES

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION
		5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
PULKDK3	2	SAME AS PULKDK2 (THIRD METHOD) <u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	312 - 313
PULKDK4	2	SAME AS PULKDK2 (FOURTH METHOD) <u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	314 - 315
PULKDK5	2	SAME AS PULKDK2 (FIFTH METHOD)	316 – 317

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	
PULKDK6	2	SAME AS PULKDK2 (SIXTH METHOD)	318 – 319
		VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
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	

NAME	SIZE	DESCRIPTION	LOCATION
		8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 12 NOTHING 13 OTHER PASSIVE	
PULKPS2	2	ANYTHING ELSE? (SECOND METHOD) <u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	322 - 323
PULKPS3	2	SAME AS PULKPS2 (THIRD METHOD) <u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	324 - 325
PULKPS4	2	SAME AS PULKPS2 (FOURTH METHOD)	326 - 327

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

NAME	SIZE	DESCRIPTION	LOCATION
		10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
PELKAVL	2	LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED? EDITED UNIVERSE: PELKM1 = 1 - 13 VALID ENTRIES 1 YES 2 NO	332 - 333
PULKAVR	2	WHY IS THAT? VALID ENTRIES 1 WAITING FOR NEW JOB TO BEGIN 2 OWN TEMPORARY ILLNESS 3 GOING TO SCHOOL 4 OTHER - SPECIFY	334 - 335
PELKLL1O	2	BEFORE YOU STARTED LOOKING FOR WORK, WHAT WERE YOU DOING: WORKING, GOING TO SCHOOL, OR SOMETHING ELSE? EDITED UNIVERSE: PELKAVL = 1-2 VALID ENTRIES 1 WORKING 2 SCHOOL 3 LEFT MILITARY SERVICE 4 SOMETHING ELSE	336 - 337
PELKLL2O	2	DID YOU LOSE OR QUIT THAT JOB, OR WAS IT A TEMPORARY JOB THAT ENDED? EDITED UNIVERSE: PELKLL1O = 1 OR 3 VALID ENTRIES 1 LOST JOB 2 QUIT JOB 3 TEMPORARY JOB ENDED	338 - 339

NAME	SIZE	DESCRIPTION	LOCATION
PELKLWO	2	WHEN LAST WORKED EDITED UNIVERSE: PELKLL1O = 1 - 4 VALID ENTRIES 1 WITHIN THE LAST 12 MONTHS 2 MORE THAN 12 MONTHS AGO 3 NEVER WORKED	340 - 341
PELKDUR	3	DURATION OF JOB SEEKING EDITED UNIVERSE: PELKLWO = 1 - 3 VALID ENTRIES 0-118 Weeks looking for work 119 119 or more weeks looking Topcoded at 119 weeks starting April 2011	342 - 344
PELKFTO	2	FT/PT STATUS OF JOBSEEKER EDITED UNIVERSE: PELKDUR = 0-120 VALID ENTRIES 1 YES 2 NO 3 DOESN'T MATTER	345 - 346
PEDWWNTO	2	DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART TIME? EDITED UNIVERSE: PUDWCK1 = 3, 4, -1 VALID ENTRIES 1 YES, OR MAYBE, IT DEPENDS 2 NO 3 RETIRED 4 DISABLED 5 UNABLE	347 - 348

NAME	SIZE	DESCRIPTION	LOCATION
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

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 IN THE LAST 12 MONTHS	351 - 352

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

VALID ENTRIES

1 YES
2 NO

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

EDITED UNIVERSE: PEDWLKO = 1

VALID ENTRIES

1 YES
2 NO

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

EDITED UNIVERSE: PEDWWK = 1

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 YES 2 NO	
PEDWLKWK	2	SINCE YOU LEFT THAT JOB OR BUSINESS HAVE YOU LOOKED FOR WORK? EDITED UNIVERSE: PEDW4WK = 2 VALID ENTRIES 1 YES 2 NO	357 - 358
PEDWAVL	2	LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED? EDITED UNIVERSE: (PEDWWK = 2) or (PEDWLKWK = 1) VALID ENTRIES 1 YES 2 NO	359 - 360
PEDWAVR	2	WHY IS THAT? EDITED UNIVERSE: PEDWAVL = 2 VALID ENTRIES 1 OWN TEMPORARY ILLNESS 2 GOING TO SCHOOL 3 OTHER	361 - 362
PUDWCK1	2	SCREEN FOR DISCOURAGED WORKERS VALID ENTRIES 1 IF ENTRY OF 2 IN BUS2 GOTO PUSCHCK 2 IF ENTRY OF 3 ON ABSRSN GOTO PUNLFCK1 3 IF ENTRY OF 1 IN RET1, STORE 1 IN DWWNTO AND GOTO PUDWCK4 4 ALL OTHERS GOTO PUDWWNT	363 - 364

NAME	SIZE	DESCRIPTION	LOCATION
PUDWCK2	2	SCREEN FOR DISABLED	365 - 366

VALID ENTRIES

1 IF ENTRY IN DIS1 OR DIS2 GOTO PUJHCK1-C
2 IF ENTRY OF 4 IN DWWNT GOTO PUDIS1
3 IF ENTRY OF 5 IN DWWNT GOTO PUDIS2
4 ALL OTHERS GOTO PUDWCK4

PUDWCK3	2	FILTER FOR RETIRED	367 - 368

VALID ENTRIES

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

PUDWCK4	2	FILTER FOR PASSIVE JOB SEEKERS	369 - 370

VALID ENTRIES

1 IF ENTRY OF 10 AND/OR 11 AND/OR 13
ONLY IN LKM1-LKM3 GOTO PUDWCK5
2 IF ENTRY OF 10 AND/OR 11 AND/OR 13
ONLY IN LKDK1-LKDK3 GOTO PUDWCK5
3 IF ENTRY OF 10 AND/OR 11 AND/OR 13
ONLY IN LKPS1-LKPS3 GOTO PUDWCK5
4 ALL OTHERS GOTO PUDWRSN

PUDWCK5	2	FILTER FOR PASSIVE JOB SEEKERS	371 - 372

VALID ENTRIES

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

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

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

VALID ENTRIES

1 YES
2 NO

NAME	SIZE	DESCRIPTION	LOCATION
PUJHDP1O	2	DID YOU DO ANY OF THIS WORK IN THE LAST 4 WEEKS? VALID ENTRIES 1 YES 2 NO	375 - 376
PEJHRSN	2	WHAT IS THE MAIN REASON YOU LEFT YOUR LAST JOB? EDITED UNIVERSE: PEJHWKO = 1 VALID ENTRIES 1 PERSONAL/FAMILY (INCLUDING PREGNANCY) 2 RETURN TO SCHOOL 3 HEALTH 4 RETIREMENT OR OLD AGE 5 TEMP, SEASONAL OR INTERMITTENT JOB COMPLETE 6 SLACK WORK/BUSINESS CONDITIONS 7 UNSATISFACTORY WORK ARRANGEMENTS (HRS, PAY, ETC.) 8 OTHER - SPECIFY	377 - 378
PEJHWANT	2	DO YOU INTEND TO LOOK FOR WORK DURING THE NEXT 12 MONTHS? EDITED UNIVERSE: (PEJHWKO = 2) or (PEJHRSN = 1-8) VALID ENTRIES 1 YES, OR IT DEPENDS 2 NO	379 - 380
PUJHCK1	2	FILTER FOR OUTGOING ROTATIONS VALID ENTRIES 1 PURET1 = 1, -2, OR -3 THEN GOTO NLFCK2 2 IF MISCK EQUALS 4 OR 8 THEN GOTO PUJHCK2 3 ALL OTHERS GOTO PUNLFCK1	381 - 382
PUJHCK2	2	FILTER FOR PERSONS GOING THROUGH THE I AND O SERIES	383 - 384

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

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

EDITED UNIVERSE: PEMLR = 2

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
		32 PT UNPAID-OWN ILLNESS 33 PT UNPAID-CHILD CARE PROBLEMS 34 PT UNPAID-OTHER FAM/PERSONAL OBLIGATION 35 PT UNPAID-MATERNITY/PATERNITY LEAVE 36 PT UNPAID-LABOR DISPUTE 37 PT UNPAID-WEATHER AFFECTED JOB 38 PT UNPAID-SCHOOL/TRAINING 39 PT UNPAID-CIVIC/MILITARY DUTY 40 PT UNPAID-OTHER	
PRCIVLF	2	CIVILIAN LABOR FORCE	387 - 388
		EDITED UNIVERSE: PEMLR = 1-7	
		VALID ENTRIES	
		01 IN CIVILIAN LABOR FORCE 02 NOT IN CIVILIAN LABOR FORCE	
PRDISC	2	DISCOURAGED WORKER RECODE	389 - 390
		EDITED UNIVERSE: PRJOBSEA = 1-4	
		VALID ENTRIES	
		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	
		VALID ENTRIES	
		0 UNEMPLOYED AND NILF 1 W/JOB, NOT AT WORK-ILLNES 2 W/JOB, NOT AT WORK-VACATION 3 W/JOB, NOT AT WORK-WEATHER AFFECTED JOB 4 W/JOB, NOT AT WORK-LABOR DISPUTE 5 W/JOB, NOT AT WORK-CHILD CARE PROBLEMS 6 W/JOB, NOT AT WORK-FAM/PERS OBLIGATION 7 W/JOB, NOT AT WORK-MATERNITY/PATERNITY 8 W/JOB, NOT AT WORK-SCHOOL/TRAINING 9 W/JOB, NOT AT WORK-CIVIC/MILITARY DUTY 10 W/JOB, NOT AT WORK-DOES NOT WORK IN BUS	

NAME	SIZE	DESCRIPTION	LOCATION
		11 W/JOB, NOT AT WORK-OTHER 12 AT WORK- 1-4 HRS 13 AT WORK- 5-14 HRS 14 AT WORK- 15-21 HRS 15 AT WORK- 22-29 HRS 16 AT WORK- 30-34 HRS 17 AT WORK- 35-39 HRS 18 AT WORK- 40 HRS 19 AT WORK- 41-47 HRS 20 AT WORK- 48 HRS 21 AT WORK- 49-59 HRS 22 AT WORK- 60 HRS OR MORE	
PREMPNOT	2	MLR - EMPLOYED, UNEMPLOYED, OR NILF EDITED UNIVERSE: PEMLR = 1-7 <u>VALID ENTRIES</u> 1 EMPLOYED 2 UNEMPLOYED 3 NOT IN LABOR FORCE (NILF)-discouraged 4 NOT IN LABOR FORCE (NILF)-other	393 - 394
PREXPLF	2	EXPERIENCED LABOR FORCE EMPLOYMENT EDITED UNIVERSE: PEMLR = 1-4 AND PELKLWO ne 3 <u>VALID ENTRIES</u> 1 EMPLOYED 2 UNEMPLOYED	395 - 396
PRFTLF	2	FULL TIME LABOR FORCE EDITED UNIVERSE: PEMLR = 1-4 <u>VALID ENTRIES</u> 1 FULL TIME LABOR FORCE 2 PART TIME LABOR FORCE	397 - 398
PRHRUSL	2	USUAL HOURS WORKED WEEKLY	399 - 400

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE: PEMLR = 1-2

VALID ENTRIES

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

PRJOBSEA	2	JOB SEARCH RECODE	401 - 402

EDITED UNIVERSE: PRWNTJOB = 1

VALID ENTRIES

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

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

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

VALID ENTRIES

0 USUALLY FT, PT FOR 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

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

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

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

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.

FILLER	2		410 - 411

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

EDITED UNIVERSE: PEMLR = 3-4

VALID ENTRIES

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

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

NAME	SIZE	DESCRIPTION	LOCATION
PRWNTJOB	2	NILF RECODE - WANT A JOB OR OTHER NILF EDITED UNIVERSE: PEMLR = 5-7 VALID ENTRIES 1 WANT A JOB 2 OTHER NOT IN LABOR FORCE	418 - 419
PUJHCK3	2	JOB HISTORY CHECK ITEM VALID ENTRIES 1 IF I-MLR EQ 3 OR 4 THEN GOTO PUJHDP1 2 ALL OTHERS GOTO PUJHRSN	420 - 421
PUJHCK4	2	SCREEN FOR DEPENDENT NILF 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	422 - 423
PUJHCK5	2	SCREEN FOR DEPENDENT NILF VALID ENTRIES 1 IF I-IO1ICR EQUALS 1 OR I-IO1OCR EQUALS 1 THEN GOTO PUIO1INT 2 ALL OTHERS GOTO PUIOCK5	424 - 425
PUIODP1	2	LAST MONTH, IT WAS REPORTED THAT YOU WORKED FOR (EMPLOYER'S NAME). DO STILL WORK FOR (EMPLOYER'S NAME) (AT YOUR MAIN JOB)?	426 - 427

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 YES 2 NO	
PUIODP2	2	HAVE THE USUAL ACTIVITIES AND DUTIES OF YOUR JOB CHANGED SINCE LAST MONTH? VALID ENTRIES 1 YES 2 NO	428 - 429
PUIODP3	2	LAST MONTH YOU WERE REPORTED AS (A/AN) (OCCUPATION) AND YOUR USUAL ACTIVITIES WERE (DESCRIPTION). IS THIS AN ACCURATE DESCRIPTION OF YOUR CURRENT JOB? VALID ENTRIES 1 YES 2 NO	430 - 431
PEIO1COW	2	INDIVIDUAL CLASS OF WORKER CODE ON FIRST JOB NOTE: A PEIO1COW CODE CAN BE ASSIGNED EVEN IF AN INDIVIDUAL IS NOT CURRENTLY EMPLOYED. EDITED UNIVERSE: (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1)) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND (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	432 - 433

NAME	SIZE	DESCRIPTION	LOCATION
PUIO1MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE? <u>VALID ENTRIES</u> 1 MANUFACTURING 2 RETAIL TRADE 3 WHOLESALE TRADE 4 SOMETHING ELSE	434 - 435
PADDING	6	Main Job I & O Codes moved to columns 856 - 863	436 - 441
PEIO2COW	2	INDIVIDUAL CLASS OF WORKER ON SECOND JOB. NOTE: FOR THOSE SELF-EMPLOYED UNINCORPORATED ON THEIR FIRST JOB, THIS SHOULD HAVE A RESPONSE EVERY MONTH. FOR ALL OTHERS, THIS SHOULD ONLY HAVE A VALUE IN OUT-GOING ROTATIONS. EDITED UNIVERSE: PRIOELG = 1 and PEMJOT = 1 AND HRMIS = 4,8 <u>VALID ENTRIES</u> 1 GOVERNMENT - FEDERAL 2 GOVERNMENT - STATE 3 GOVERNMENT - LOCAL 4 PRIVATE, FOR PROFIT 5 PRIVATE, NONPROFIT 6 SELF-EMPLOYED, INCORPORATED 7 SELF-EMPLOYED, UNINCORPORATED 8 WITHOUT PAY	442 - 443
PUIO2MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE? <u>VALID ENTRIES</u> 1 MANUFACTURING 2 RETAIL TRADE 3 WHOLESALE TRADE 4 SOMETHING ELSE	444 - 445

NAME	SIZE	DESCRIPTION	LOCATION
PADDING	6	Second Job I & O codes moved to columns 864 - 871	446 - 451
PUIOCK1	2	I & O CHECK ITEM 1 SCREEN FOR DEPENDENT I AND O <u>VALID ENTRIES</u> 1 IF {MISCK EQ 1 OR 5) OR MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7) AND ENTRY OF 1 IN ABS} THEN GOTO PUIO1INT 2 IF (MISCK EQ 1 OR 5) OR {(MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7) AND (ENTRY OF 1 IN WK OR HRCK7-C IS BLANK, 1-3)} GOTO PUIO1INT 3 IF I-IO1NAM IS D, R OR BLANK THEN GOTO PUIO1INT 4 ALL OTHERS GOTO PUIODP1	452 - 453
PUIOCK2	2	I & O CHECK ITEM 2 SCREEN FOR PREVIOUS MONTHS I AND O CASES <u>VALID ENTRIES</u> 1 IF I-IO1ICR EQ 1 THEN GOTO PUIO1IND 2 IF I-IO1OCR EQ 1 THEN GOTO PUIO1OCC 3 ALL OTHERS GOTO PUIODP2	454 - 455
PUIOCK3	2	I & O CHECK ITEM 3 <u>VALID ENTRIES</u> 1 IF I-IO1OCC EQUALS D, R OR BLANK THEN GOTO PUIO1OCC 2 IF I-IO1DT1 IS D, R OR BLANK THEN GOTO PUIO1OCC 3 ALL OTHERS GOTO PUIODP3	456 - 457
PRIOELG	2	INDUSTRY AND OCCUPATION ELIGIBILITY FLAG EDITED UNIVERSE: PEMLR = 1-3, OR (PEMLR = 4 AND PELKLWO = 1 OR 2) OR (PEMLR = 5 AND (PEJHWKO = 1 OR PENLFJH=1), OR (PEMLR = 6 AND PENLFJH = 1), OR PEMLR = 7 AND PEJHWKO = 1)	458 - 459

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 0 NOT ELIGIBLE FOR EDIT 1 ELIGIBLE FOR EDIT	
PRAGNA	2	AGRICULTURE/ NON-AGRICULTURE INDUSTRY EDITED UNIVERSE: PRIOELG = 1 VALID ENTRIES 1 AGRICULTURAL 2 NON-AGRICULTURAL	460 - 461
PRCOW1	2	CLASS OF WORKER RECODE - JOB 1 EDITED UNIVERSE: PRIOELG = 1 VALID ENTRIES 1 FEDERAL GOVT 2 STATE GOVT 3 LOCAL GOVT 4 PRIVATE (INCL. SELF-EMPLOYED INCORP.) 5 SELF-EMPLOYED, UNINCORP. 6 WITHOUT PAY	462 - 463
PRCOW2	2	CLASS OF WORKER RECODE - JOB 2 EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8 VALID ENTRIES 1 FEDERAL GOVT 2 STATE GOVT 3 LOCAL GOVT 4 PRIVATE (INCL. SELF-EMPLOYED INCORP.) 5 SELF-EMPLOYED, UNINCORP. 6 WITHOUT PAY	464 - 465

NAME	SIZE	DESCRIPTION	LOCATION
PRCOWPG	2	COW - PRIVATE OR GOVERNMENT	466 - 467

EDITED UNIVERSE: PEIO1COW = 1 - 5

VALID ENTRIES

1 PRIVATE
2 GOVERNMENT

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

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

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

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

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

VALID ENTRIES

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

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

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

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

PRDTIND2	2	DETAILED INDUSTRY RECODE - JOB 2	474 - 475

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

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

PRDTOCC1	2	DETAILED OCCUPATION RECODE - JOB 1	476 - 477

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

1 Management occupations
2 Business and financial operations occupations

NAME	SIZE	DESCRIPTION	LOCATION

3 Computer and mathematical science occupations
4 Architecture and engineering occupations
5 Life, physical, and social science occupations
6 Community and social service occupations
7 Legal occupations
8 Education, training, and library occupations
9 Arts, design, entertainment, sports, and media occupations
10 Healthcare practitioner and technical occupations
11 Healthcare support occupations
12 Protective service occupations
13 Food preparation and serving related occupations
14 Building and grounds cleaning and maintenance occupations
15 Personal care and service occupations
16 Sales and related occupations
17 Office and administrative support occupations
18 Farming, fishing, and forestry occupations
19 Construction and extraction occupations
20 Installation, maintenance, and repair occupations
21 Production occupations
22 Transportation and material moving occupations
23 Armed Forces

PRDTOCC2	2	DETAILED OCCUPATION RECODE	478 - 479

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
		14 Building and grounds cleaning and maintenance occupations 15 Personal care and service occupations 16 Sales and related occupations 17 Office and administrative support occupations 18 Farming, fishing, and forestry occupations 19 Construction and extraction occupations 20 Installation, maintenance, and repair occupations 21 Production occupations 22 Transportation and material moving occupations 23 Armed Forces	
PREMP	2	EMPLOYED PERSONS (NON-FARM & NON-PRIVATE HHLD) RECODE EDITED UNIVERSE: PEMLR = 1 OR 2 AND PEIO1OCD ne 403-407, 473-484 VALID ENTRY 1 EMPLOYED PERSONS (EXC. FARM & PRIV HH)	480 - 481
PRMJIND1	2	MAJOR INDUSTRY RECODE - JOB 1 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	482 - 483

NAME	SIZE	DESCRIPTION	LOCATION
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 - JOB 1	486 - 487

EDITED UNIVERSE: PRDTOCC1 = 1-46

VALID ENTRIES

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

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

EDITED UNIVERSE: PRDTOCC2 = 1-46

VALID ENTRIES

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

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

NAME	SIZE	DESCRIPTION	LOCATION
PRNAGWS	2	NON-AGRICULTURE WAGE AND SALARY WORKERS RECODE EDITED UNIVERSE: PEMLR = 1-4 AND PRCOW = 1-4 AND PEIO1ICD ne 0170-0290 VALID ENTRY 1 NON-AG WAGE AND SALARY WORKERS	494 - 495
PRSJMJ	2	SINGLE/MULTIPLE JOBHOLDER RECODE EDITED UNIVERSE: PEMLR = 1 OR 2 VALID ENTRIES 1 SINGLE JOBHOLDER 2 MULTIPLE JOBHOLDER	496 - 497
PRERELG	2	EARNINGS ELIGIBILITY FLAG EDITED UNIVERSE: PEMLR = 1-2 AND HRMIS = 4 OR 8 VALID ENTRIES 0 NOT ELIGIBLE FOR EDIT 1 ELIGIBLE FOR EDIT	498 - 499
PEERNUOT	2	DO YOU USUALLY RECEIVE OVERTIME PAY, TIPS, OR COMMISSIONS AT YOUR JOB? EDITED UNIVERSE: PRERELG = 1 VALID ENTRIES 1 YES 2 NO	500 - 501
PEERNPER	2	PERIODICITY EDITED UNIVERSE: PRERELG = 1 VALID ENTRIES 1 HOURLY 2 WEEKLY 3 BI-WEEKLY	502 - 503

NAME	SIZE	DESCRIPTION	LOCATION
		4 TWICE MONTHLY 5 MONTHLY 6 ANNUALLY 7 OTHER – SPECIFY	
PEERNRT	2	(EVEN THOUGH YOU TOLD ME IT IS EASIER TO REPORT YOUR EARNINGS (PERIODICITY); ARE YOU PAID AT AN HOURLY RATE ON YOUR (MAIN/THIS) JOB? EDITED UNIVERSE: PEERNPER = 2-7 <u>VALID ENTRIES</u> 1 YES 2 NO	504 - 505
PEERNHRY	2	HOURLY/NONHOURLY STATUS EDITED UNIVERSE: PRERELG = 1 <u>VALID ENTRIES</u> 1 HOURLY WORKER 2 NONHOURLY WORKER	506 - 507
PUERNH1C	4	WHAT IS YOUR HOURLY RATE OF PAY ON THIS JOB, EXCLUDING OVERTIME PAY, TIPS OR COMMISSION? DOLLAR AMOUNT - 2 IMPLIED DECIMALS <u>VALID ENTRIES</u> 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PUERNHIC < or = 2884.61)	508 - 511
PEERNH2	4	(EXCLUDING OVERTIME PAY, TIPS AND COMMISSIONS) WHAT IS YOUR HOURLY RATE OF PAY ON YOUR (MAIN/THIS) JOB? DOLLAR AMOUNT - 2 IMPLIED DECIMALS EDITED UNIVERSE: PEERNRT = 1	512 - 515

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the in PEERNHRO such that PEERNHRO x PEERNH2 < or = 2884.61)	
PEERNH1O	4	OUT VARIABLE FOR HOURLY RATE OF PAY (2 IMPLIED DECIMALS) EDITED UNIVERSE: PEERNPER = 1 VALID ENTRIES 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)	516 - 519
PRERNHLY	4	RECODE FOR HOURLY RATE 2 IMPLIED DECIMALS EDITED UNIVERSE: PEERNPER = 1 OR PEERNRT = 1 VALID ENTRIES 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)	520 - 523
PTHR	1	HOURLY PAY - TOP CODE VALID ENTRIES 0 NOT TOPCODED 1 TOPCODED	524 - 524
PEERNHRO	2	USUAL HOURS EDITED UNIVERSE: PEERNH1O = ENTRY VALID ENTRIES 0 MIN VALUE 99 MAX VALUE	525 - 526

NAME	SIZE	DESCRIPTION	LOCATION
PRERNWA	8	WEEKLY EARNINGS RECODE 2 IMPLIED DECIMALS EDITED UNIVERSE: PRERELG = 1 <u>VALID ENTRIES</u> 0 MIN VALUE 288461 MAX VALUE	527 - 534
PTWK	1	WEEKLY EARNINGS - TOP CODE 0 NOT TOPCODED 1 TOPCODED	535 - 535
FILLER	4		536 - 539
PEERN	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS EDITED UNIVERSE: PEERNUOT = 1 AND PEERNPER = 1 <u>VALID ENTRIES</u> 0 MIN VALUE 288461 MAX VALUE	540 - 547
PUERN2	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS <u>VALID ENTRIES</u> 0 MIN VALUE 288461 MAX VALUE	548 - 555
PTOT	1	WEEKLY OVERTIME AMOUNT - TOP CODE <u>VALID ENTRIES</u> 0 NOT TOPCODED 1 TOPCODED	556 - 556
FILLER	2		557 - 558

NAME	SIZE	DESCRIPTION	LOCATION
PEERNWKP	2	HOW MANY WEEKS A YEAR DO YOU GET PAID FOR? EDITED UNIVERSE: PEERNPER = 6 VALID ENTRIES 01 MIN VALUE 52 MAX VALUE	559 - 560
PEERNLAB	2	ON THIS JOB, ARE YOU A MEMBER OF A LABOR UNION OR OF AN EMPLOYEE ASSOCIATION SIMILAR TO A UNION? EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8) VALID ENTRIES 1 YES 2 NO	561 - 562
PEERNCOV	2	ON THIS JOB ARE YOU COVERED BY A UNION OR EMPLOYEE ASSOCIATION CONTRACT? EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8) VALID ENTRIES 1 YES 2 NO	563 - 564
PENLFJH	2	WHEN DID YOU LAST WORK AT A JOB OR BUSINESS? EDITED UNIVERSE: HRMIS = 4 OR 8 AND PEMLR = 3-7 VALID ENTRIES 1 WITHIN THE LAST 12 MONTHS 2 MORE THAN 12 MONTHS AGO 3 NEVER WORKED	565 - 566

NAME	SIZE	DESCRIPTION	LOCATION
PENLFRET	2	ARE YOU RETIRED FROM A JOB OR BUSINESS? EDITED UNIVERSE: PRTAGE = 50+ AND PEMLR = 3-7 VALID ENTRIES 1 YES 2 NO	567 - 568
PENLFACT	2	WHAT BEST DESCRIBES YOUR SITUATION AT THIS TIME? FOR EXAMPLE, ARE YOU DISABLED, ILL, IN SCHOOL, TAKING CARE OF HOUSE OR FAMILY, OR SOMETHING ELSE? EDITED UNIVERSE: (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	569 - 570
PUNLFCK1	2	NOT IN LABOR FORCE CHECK ITEM - 1 VALID ENTRIES 1 IF AGERNG EQUALS 1-4 OR 9 THEN GOTO NLFACT 2 ALL OTHERS GOT NLFRET	571 - 572
PUNLFCK2	2	NOT IN LABOR FORCE CHECK ITEM - 2 VALID ENTRIES 1 IF MISCK EQUALS 4 OR 8 THEN GOTO NLFJH 2 ALL OTHERS GOTO LBFR-END	573 - 574
PESCHENR	2	LAST WEEK, WERE YOU ENROLLED IN A HIGH SCHOOL, COLLEGE, OR UNIVERSITY?	575 - 576

NAME	SIZE	DESCRIPTION	LOCATION
		EDITED UNIVERSE: PRPERTYP = 2 and PRTAGE = 16-54	
		VALID ENTRIES	
		1 YES 2 NO	
PESCHFT	2	ARE YOU ENROLLED IN SCHOOL AS A FULL-TIME OR PART-TIME STUDENT?	577 - 578
		EDITED UNIVERSE: PESCHLVL = 1, 2	
		VALID ENTRIES	
		1 FULL-TIME 2 PART-TIME	
PESCHLVL	2	WOULD THAT BE HIGH SCHOOL, COLLEGE, OR UNIVERSITY?	579 - 580
		EDITED UNIVERSE: PESCHENR = 1	
		VALID ENTRIES	
		1 HIGH SCHOOL 2 COLLEGE OR UNIVERSITY	
PRNLFSCH	2	NLF ACTIVITY - IN SCHOOL OR NOT IN SCHOOL	581 - 582
		EDITED UNIVERSE: PENLFACT = -1 OR 1-6 AND PRTAGE = 16-24	
		VALID ENTRIES	
		1 IN SCHOOL 2 NOT IN SCHOOL	
		PERSON'S WEIGHTS	
PWFMWGT	10	FAMILY WEIGHT (4 IMPLIED DECIMALS) ONLY USED FOR TALLYING FAMILY CHARACTERISTICS.	583 - 592
		EDITED UNIVERSE: PRPERTYP = 1-3	

NAME	SIZE	DESCRIPTION	LOCATION
PWLGWGT	10	LONGITUDINAL WEIGHT (4 IMPLIED DECIMALS) ONLY FOUND ON ADULT RECORDS MATCHED FROM MONTH TO MONTH. (USED FOR GROSS FLOWS ANALYSIS) EDITED UNIVERSE: PRPERTYP = 2	593 - 602
PWORWGT	10	OUTGOING ROTATION WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING INFORMATION COLLECTED ONLY IN OUTGOING ROTATIONS (i.e., EARNINGS, 2nd JOB I & O, DETAILED NILF) EDITED UNIVERSE: PRPERTYP = 2	603 - 612
PWSSWGT	10	FINAL WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR MOST TABULATIONS, CONTROLLED TO INDEPENDENT ESTIMATES FOR 1) STATES; 2) ORIGIN, SEX, AND AGE; AND 3) AGE, RACE, AND SEX. EDITED UNIVERSE: PRPERTYP = 1-3	613 - 622
PWVETWGT	10	VETERANS WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING VETERAN'S DATA ONLY, CONTROLLED TO ESTIMATES OF VETERANS SUPPLIED BY VA. EDITED UNIVERSE: PRPERTYP = 2	623 - 632
PRCHLD	2	PRESENCE OF OWN CHILDREN <18 YEARS 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)	633-634

NAME	SIZE	DESCRIPTION	LOCATION

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? EDITED UNIVERSE = PEEDUCA = 39 <u>VALID ENTRIES</u> 1 Graduation from high school 2 GED or other equivalent	822 - 823
PEHGCOMP	2	What was the highest grade of regular school...completed before receiving...'s GED? EDITED UNIVERSE = PEDIPGED = 2 <u>VALID ENTRIES</u> 1 Less than 1st grade 2 1st, 2nd, 3rd, or 4th grade 3 5th or 6th grade 4 7th or 8th grade 5 9th grade	824 - 825

NAME	SIZE	DESCRIPTION	LOCATION
		6 10th grade 7 11th grade 8 12th grade (no diploma)	
PECYC	2	How many years of college credit has...completed? EDITED UNIVERSE: PEEDUCA =40-42 <u>VALID ENTRIES</u> 1 Less than 1 year (includes 0 years completed) 2 The first or Freshman year 3 The second or Sophomore year 4 The third or Junior year 5 Four or more years	826 - 827
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 BLS's published labor force statistics (4 implied decimal places) EDITED UNIVERSE: PRPERTYP = 2 AND PRTAGE = 16+	846 - 855
PEIO1ICD	4	INDUSTRY CODE FOR PRIMARY JOB EDITED UNIVERSE: (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1)) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND PEJHWKO=1)	856 - 859

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 0 MIN VALUE 9999 MAX VALUE	
PEIO1OCD	4	OCCUPATION CODE FOR PRIMARY JOB. EDITED UNIVERSE: (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1)) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND PEJHWKO = 1) VALID ENTRIES 0 MIN VALUE 9999 MAX VALUE	860 - 863
PEIO2ICD	4	INDUSTRY CODE FOR SECOND JOB. EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8 VALID ENTRIES 0 MIN VALUE 9999 MAX VALUE	864 - 867
PEIO2OCD	4	OCCUPATION CODE FOR SECOND JOB. EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8 VALID ENTRIES 0 MIN VALUE 9999 MAX VALUE	868 - 871
PRIMIND1	2	INTERMEDIATE INDUSTRY RECODE (JOB 1) EDITED UNIVERSE: PRIOELG = 1 VALID ENTRIES 1 AGRICULTURE, FORESTRY, FISHING, and HUNTING 2 MINING 3 CONSTRUCTION	872 - 873

NAME	SIZE	DESCRIPTION	LOCATION

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
		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	
PEAFWHN4	2	WHEN DID YOU SERVE?	882 - 883
		EDITED UNIVERSE: PEAFEVER = 1	
		VALID ENTRIES	
		1 SEPTEMBER 2001 OR LATER 2 AUGUST 1990 TO AUGUST 2001 3 MAY 1975 TO JULY 1990 4 VIETNAM ERA (AUGUST 1964 TO APRIL 1975) 5 FEBRUARY 1955 TO JULY 1964 6 KOREAN WAR (JULY 1950 TO JANUARY 1955) 7 JANUARY 1947 TO JUNE 1950 8 WORLD WAR II (DECEMBER 1941 TO DECEMBER 1946) 9 NOVEMBER 1941 OR EARLIER	
PXAFEVER	2	ALLOCATION FLAG	884 - 885
PELNDAD	2	LINE NUMBER OF FATHER	886 - 887
		EDITED UNIVERSE: ALL	
		VALID ENTRIES	
		-1 NO FATHER PRESENT 01 MIN VALUE 16 MAX VALUE	

NAME	SIZE	DESCRIPTION	LOCATION
PELNMOM	2	LINE NUMBER OF MOTHER EDITED UNIVERSE: ALL <u>VALID ENTRIES</u> -1 NO MOTHER PRESENT 01 MIN VALUE 16 MAX VALUE	888 - 889
PEDADTYP	2	TYPE OF FATHER EDITED UNVERSE: ALL -1 NO FATHER PRESENT 01 BIOLOGICAL 02 STEP 03 ADOPTED	890 – 891
PEMOMTYP	2	TYPE OF MOTHER EDITED UNVERSE: ALL -1 NO MOTHER PRESENT 01 BIOLOGICAL 02 STEP 03 ADOPTED	892 - 893
PECOHAB	2	LINE NUMBER OF COHABITING PARTNER EDITED UNIVERSE: ALL <u>VALID ENTRIES</u> -1 NO PARTNER PRESENT 01 MIN VALUE 16 MAX VALUE	894 - 895
PXLNDAD	2	ALLOCATION FLAG	896 - 897
PXLNMOM	2	ALLOCATION FLAG	898 - 899

NAME	SIZE	DESCRIPTION	LOCATION
PXDADTYP	2	ALLOCATION FLAG	900 - 901
PXMOMTYP	2	ALLOCATION FLAG	902 - 903
PXCOHAB	2	ALLOCATION FLAG	904 – 905
PEDISEAR	2	IS…DEAF OR DOES…HAVE SERIOUS DIFFICULTY HEARING? EDITED UNIVERSE: PRPERTYP = 2 <u>VALID ENTRIES</u> 1 Yes 2 No	906 - 907
PEDISEYE	2	IS…BLIND OR DOES…HAVE SERIOUS DIFFICULTY SEEING EVEN WHEN WEARING GLASSES? EDITED UNIVERSE: PRPERTYP = 2 <u>VALID ENTRIES</u> 1 Yes 2 No	908 - 909
PEDISREM	2	BECAUSE OF A PHYSICAL, MENTAL, OR EMOTIONAL CONDITION, DOES…HAVE SERIOUS DIFFICULTY CONCENTRATING, REMEMBERING, OR MAKING DECISIONS? EDITED UNIVERSE: PRPERTYP = 2 <u>VALID ENTRIES</u> 1 Yes 2 No	910 - 911
PEDISPHY	2	DOES…HAVE SERIOUS DIFFICULTY WALKING OR CLIMBING STAIRS?	912 - 913

NAME	SIZE	DESCRIPTION	LOCATION
		EDITED UNIVERSE: PRPERTYP = 2 <u>VALID ENTRIES</u> 1 Yes 2 No	
PEDISDRS	2	DOES … HAVE DIFFICULTY DRESSING OR BATHING? EDITED UNIVERSE: PRPERTYP = 2 <u>VALID ENTRIES</u> 1 Yes 2 No	914 - 915
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? EDITED UNIVERSE: PRPERTYP = 2 <u>VALID ENTRIES</u> 1 Yes 2 No	916 - 917
PRDISFLG	2	DOES THIS PERSON HAVE ANY OF THESE DISABILITY CONDITIONS? EDITED UNIVERSE: PEDISEAR OR PEDISEYE OR PEDISREM, PEDISPHY OR PEDISDRS OR PEDISOUT = 1 <u>VALID ENTRIES:</u> 1 Yes 2 No	918 - 919

NAME	SIZE	DESCRIPTION	LOCATION
PXDISEAR	2	ALLOCATION FLAG	920 – 921
PXDISEYE	2	ALLOCATION FLAG	922 – 923
PXDISREM	2	ALLOCATION FLAG	924 - 925
PXDISPHY	2	ALLOCATION FLAG	926 - 927
PXDISDRS	2	ALLOCATION FLAG	928 - 929
PXDISOUT	2	ALLOCATION FLAG	930 - 931
HXFAMINC	2	ALLOCATION FLAG	932 - 933
PRDASIAN	2	DETAILED ASIAN RACE RECODE	934 – 935

EDITED UNIVERSE: PTDTRACE = 4

VALID ENTRIES

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

VALID ENTRIES

1 YES
2 NO

NAME	SIZE	DESCRIPTION	LOCATION
PTNMEMP1	2	EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE? See location 681-682 for the allocation flag. 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.	938-939
PEPDEMP2	2	DOES THIS PERSON USUALLY HAVE ANY PAID EMPLOYEES? 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	940 - 941
PTNMEMP2	2	EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE? 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.	942 - 943
PECERT1	2	DOES … HAVE A <u>CURRENTLY ACTIVE</u> PROFESSIONAL CERTIFICATION OR A STATE OR INDUSTRY LICENSE?	944-945

NAME	SIZE	DESCRIPTION	LOCATION
		DO NOT INCLUDE BUSINESS LICENSES, SUCH AS A LIQUOR LICENSE OR VENDING LICENSE. EDITED UNIVERSE: PRPERTYP = 2 VALID ENTRIES 1 Yes 2 No	
PECERT2	2	WERE ANY OF …'S CERTIFICATIONS OR LICENSES ISSUED BY THE FEDERAL, STATE, OR LOCAL GOVERNMENT? EDITED UNIVERSE: PECERT1 = 1 VALID ENTRIES 1 Yes 2 No	946-947
PECERT3	2	EARLIER YOU TOLD ME THAT YOU HAD A CURRENTLY ACTIVE PROFESSIONAL CERTIFICATION OR LICENSE. IS YOUR CERTIFICATION OR LICENSE REQUIRED FOR YOUR … a) JOB? b) MAIN JOB? c) JOB FROM WHICH YOU ARE OF LAYOFF? d) JOB AT WHICH YOU LAST WORKED? EDITED UNIVERSE: PECERT2 = 1 VALID ENTRIES 1 Yes 2 No	948-949
PXCERT1	2	ALLOCATION FLAG	950-951

NAME	SIZE	DESCRIPTION	LOCATION
PXCERT2	2	ALLOCATION FLAG	952-953
PXCERT3	2	ALLOCATION FLAG	954-955
FILLER	45	FILLER	956 - 1000

End of Basic CPS Portion of the Record

ATTACHMENT 7

SUPPLEMENT RECORD LAYOUT
Current Population Survey
January 2019 CPS Tobacco Use Supplement

NAME	SIZE	DESCRIPTION	LOCATION
PENXTPR	2	Line number of person being interviewed. VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1:16 Person's Line Number	1001-1002
PENXTPR3	2	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). Is this a Self or Proxy response? VALID ENTRIES: -1 Not in Universe 1 Self 2 Proxy	1003-1004
PEA1	2	(Have/Has)(you/name) smoked at least 100 cigarettes in (your/his/her) entire life? 100 cigarettes = approximately 5 packs VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1005-1006

NAME	SIZE	DESCRIPTION	LOCATION
PEA2	3	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 Enter age (1 to Age) VALID ENTRIES: -9 No Response -5 Never smoked regularly -3 Refused -2 Don't Know -1 Not in Universe 1:99	1007-1009
PEA2A	3	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? VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1:99	1010-1012
PEA3	2	(Do/Does)(you/name) now smoke cigarettes every day, some days, or not at all? 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	1013-1014

NAME	SIZE	DESCRIPTION	LOCATION
PTB1[i]	3	On the average, about how many cigarettes do you now smoke each day? FR: One pack usually equals 20 cigarettes. If converting packs to cigarettes, always verify calculation with respondent. Enter number of cigarettes per day: (1-99) VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1-99	1015-1017
PEB1A	2	Would you say that, on average, you now smoke more or less than 20 cigarettes each day? VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 More 2 Less 3 About 20 (One Pack)	1018-1019
PEB2	2	Do you usually smoke menthol or non-menthol cigarettes? VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Menthol 2 Non menthol 3 No Usual Type	1020-1021
PEB5ANUM	2	How soon after you wake up do you typically smoke your first cigarette of the day? FR: If necessary, ask for best answer in minutes or hours. Enter (0) if respondent insists it varies. Enter Number: (0-90) VALID ENTRIES: -9 No Response -5 Varies -3 Refused -2 Don't Know -1 Not in Universe 1-90	1022-1023

NAME	SIZE	DESCRIPTION	LOCATION
PEB5AUNT	2	Enter unit reported (minutes or hours) VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Minutes 2 Hours	1024-1025
PEB5B	2	Would you say you smoke your first cigarette of the day within the first 30 minutes? VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No 3 Varies	1026-1027
PEBA6A	2	Do you USUALLY BUY your own cigarettes? VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1028-1029
PEB6A	2	Do you USUALLY buy your cigarettes by the pack or by the carton? FR: A carton has 10 packs. VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Pack 2 Carton 3 Buy Both Packs and Cartons	1030-1031

NAME	SIZE	DESCRIPTION	LOCATION
PTB6B[i]	5	What price did you pay for the LAST PACK of cigarettes you bought? Please report the cost after using discounts or coupons. VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 00000:99999: Dollars (2 implied decimal places)	1032-1036
PTB6C[i]	6	What price did you pay for the LAST CARTON of cigarettes you bought? Please report the cost after using discounts or coupons. VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 000000:099999: Dollars (2 implied decimal places)	1037-1042
PEB6C4	2	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 D or R, fill “PACK”; =2, fill “CARTON”) of cigarettes? VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1043-1044
PEB6D1	2	Did you buy your LAST (fill appropriate term here from B6a responses…=1 or 3 or D or R, fill “PACK”; =2, fill “CARTON”) of cigarettes in state of residence or in some other state? 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)	1045-1046

NAME	SIZE	DESCRIPTION	LOCATION
PEB6D21	2	In what other state did you buy your LAST (fill appropriate term here from B6a responses …= 1, 3, D or R, fill "PACK"; = 2, fill "CARTON") of cigarettes? 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 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	1047-1048

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 the U.S.	
PEB6D3	2	Did you buy your LAST (fill appropriate term here from B6a responses…= 1, 3, D or R, fill “PACK”; = 2, fill “CARTON”) of cigarettes from an Indian reservation? VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1049-1050
PEB6DOTH	2	Was the Other Way in which you purchased your LAST (fill appropriate term here from B6a responses …= 1, 3, D or R, fill “PACK”; = 2 fill “CARTON”) of cigarettes: FR: 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) VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Foreign country 2 Indian reservation 3 Mail order phone 4 Other way	1051-1052

NAME	SIZE	DESCRIPTION	LOCATION
PEB6E1	2	In the LAST 2 months, have you bought any SINGLE or INDIVIDUAL cigarettes? FR: Respondent may refer to it as a “loosie” or “loose out of the pack” VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1053-1054
PEB6E31	2	Did you buy your LAST SINGLE or INDIVIDUAL cigarette in state of residence or in some other state or other country? VALID ENTRIES: -9 No Response -5 Bouth 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	1055-1056
PRB6E32A	3	In what OTHER state or country did you buy your last SINGLE or individual cigarette? VALID ENTRIES: -9 No response -3 Refused -2 Don't know -1 Not in universe 001 Alabama 002 Alaska 04 Arizona 05 Arkansas 06 California 08 Colorado 09 Connecticut 10 Delaware 11 District of Columbia 012 Florida 013 Georgia 15 Hawaii 16 Idaho 17 Illinois 18 Indiana 19 Iowa 20 Kansas 21 Kentucky	1057-1059

NAME	SIZE	DESCRIPTION	LOCATION
		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	

NAME	SIZE	DESCRIPTION	LOCATION
		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	

NAME	SIZE	DESCRIPTION	LOCATION
		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	

NAME	SIZE	DESCRIPTION	LOCATION
		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	
PEB6E4	2	In the LAST 2 months, have you bought loose tobacco to roll-your-own cigarettes? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1060-1061

NAME	SIZE	DESCRIPTION	LOCATION
PEB7C	2	For how long have you smoked EVERY DAY? FR: 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 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	1062-1063
PEB7C2	2	Have you EVER smoked MENTHOL cigarettes for 6 months or more? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1064-1065
PEB7C3	2	For how long (have you smoked/did you smoke) MENTHOL cigarettes? FR: 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 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	1066-1067

NAME	SIZE	DESCRIPTION	LOCATION
PEB8	2	Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all? 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	1068-1069
PTB9[i]	3	Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day? FR: One pack usually equals 20 cigarettes. If converting packs to cigarettes, always verify calculation with respondent. Enter number of cigarettes per day (1-99). VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1:99 Number of Cigarettes	1070-1072
PEB10A	2	Around this time 12 MONTHS AGO, on how many of the 30 days in the month did you smoke cigarettes? FR: Enter 0 for none. Range 0-30 VALID ENTRIES: -9 No Response -5 None -3 Refused -2 Don't know -1 Not in Universe 1-30 Number of Days	1073-1074
PTB10B[i]	3	On the average, on those (Fill entry B10a) days, how many cigarettes did you usually smoke each day? FR: We are still talking about around this time 12 months ago VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1:99 Number of Cigarettes	1075-1077

NAME	SIZE	DESCRIPTION	LOCATION
PEC1	2	On how many of the past 30 days did you smoke cigarettes? FR: Enter (0) for none. VALID ENTRIES: -9 No Response -5 None -3 Refused -2 Don't know -1 Not in Universe 1:30 Number of Days	1078-1079
PEC1I	2	Would you say you smoked on AT LEAST 12 DAYS in the past 30 days? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1080-1081
PTC1A[i]	3	On the average, on those (fill entry C1) days, how many cigarettes did you usually smoke each day? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 0:99 Number of cigarettes	1082-1084
PEC2	2	Do you usually smoke menthol or non-menthol cigarettes? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Menthol 2 Non menthol 3 No Usual Type	1085-1086

NAME	SIZE	DESCRIPTION	LOCATION
PEC5ANUM	2	On the days that you smoke, how soon after you wake up do you typically smoke your first cigarette of the day? FR: IF necessary, ask for best answer in minutes or hours. Enter 0 if respondent insists it varies Enter Number: (0-99) VALID ENTRIES: -9 No Response -5 Varies -3 Refused -2 Don't know -1 Not in Universe 1-90 Number	1087-1088
PEC5AUNT	2	Enter minutes or hours VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Minutes 2 Hours	1089-1090
PEC5B	2	On the days that you smoke, would you say you smoke your first cigarette of the day within the first 30 minutes? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No 3 Varies	1091-1092
PECA6A	2	Do you USUALLY buy your own cigarettes? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1093-1094

NAME	SIZE	DESCRIPTION	LOCATION
PEC6A	2	Do you usually buy your cigarettes by the pack or by the carton? FR: A carton has 10 packs VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Pack 2 Carton 3 Buy Both Packs and Cartons	1095-1096
PTC6B[i]	5	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 VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 00000:99999: Dollars (2 implied decimal places)	1097-1101
PTC6C[i]	6	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 VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 000000:999999: Dollars (2 implied decimal places)	1102-1107
PEC6C4	2	Did you use coupons, rebates, or any other special promotions when you bought your LAST LAST (pack/carton) of cigarettes? VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1108-1109

NAME	SIZE	DESCRIPTION	LOCATION
PEC6D1	2	Did you buy your LAST (pack/carton) of cigarettes in (fill respondent's state of residence] or in some other state? 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)	1110-1111
PEC6D21	2	In what other state did you buy your LAST (pack/carton) of cigarettes? 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 27 Minnesota 28 Mississippi 29 Missouri 30 Montana 31 Nebraska 32 Nevada 33 New Hampshire 34 New Jersey	1112-1113

NAME	SIZE	DESCRIPTION	LOCATION
		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 from an Indian reservation? VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1114-1115

NAME	SIZE	DESCRIPTION	LOCATION
PEC6DOTH		Was the "Other Way" in which you purchased your LAST (pack/carton) of cigarettes… FR: 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) 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	1116-1117
PEC6E1	2	In the LAST 2 months, have you bought any SINGLE or INDIVIDUAL cigarettes? FR: Respondent may refer to it as a "loosie" or "loose out of the pack" VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes, bought 2 No, did not buy	1118-1119
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? VALID ENTRIES: -9 No Response -5 Bouth 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	1120-1121

NAME	SIZE	DESCRIPTION	LOCATION
PRC6E32A	3	In what OTHER state or other country did you buy your LAST SINGLE OR INDIVIDUAL cigarette? VALID ENTRIES: -9 No response -3 Refused -2 Don't know -1 Not in universe 001 Alabama 002 Alaska 04 Arizona 05 Arkansas 06 California 08 Colorado 09 Connecticut 10 Delaware 11 District of Columbia 012 Florida 013 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	1122-1124

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
PEC6E4	2	In the LAST 2 months, have you bought loose tobacco to roll-your-own cigarettes? VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1125-1126
PEC7A	2	Have you EVER smoked cigarettes EVERY DAY for at least 6 months? VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1127-1128
PEC7D	2	For how long did you smoke EVERY DAY? FR: 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 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	1129-1130
PEC7D2	2	Have you EVER smoked MENTHOL cigarettes for 6 months or more? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes	1131-1132

NAME	SIZE	DESCRIPTION	LOCATION
		2 No	
PEC7D3		For how long (have you smoked/did you smoke) MENTHOL cigarettes? FR: 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 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	1133-1134
PTC7E[i]	2	When you last smoked every day, on average how many cigarettes did you smoke each day? FR: Enter number of cigarettes each day (1-99) VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1:99: Number of Cigarettes	1135-1136
PEC8	2	Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all? 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	1137-1138

NAME	SIZE	DESCRIPTION	LOCATION
PTC9[i]	3	Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day? FR: One pack usually equals 20 cigarettes. If converting packs to cigarettes, always verify calculation with respondent. Enter number of cigarettes per day (1-99). VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1:99 Number of Cigarettes	1139-1141
PEC10A	2	Around this time 12 MONTHS AGO, on how many of the 30 days in the month did you smoke cigarettes? FR: Enter (0) for none. Range 0-30 VALID ENTRIES: -9 No Response -5 None -3 Refused -2 Don't know -1 Not in Universe 1-30 Number of Days	1142-1143
PTC10B[i]	3	On the average, on those (fill entry C10a), how many cigarettes did you usually smoke each day? FR: We are still talking about around this time 12 months ago. VALID ENTRIES: -9 No Response -5 None -3 Refused -2 Don't know -1 Not in Universe 1-99 Number of Cigarettes	1144-1146
PEDA	2	During the PAST 12 MONTHS, have you TRIED to QUIT smoking COMPLETELY? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1147-1148

NAME	SIZE	DESCRIPTION	LOCATION
PEDB	2	Have you EVER TRIED to QUIT smoking COMPLETELY? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1149-1150
PED1R	2	During the past 12 months, have you stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1151-1152
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? READ CHOICES (1) Once (1 time) (2) 2-3 times (3) 4 or more times VALID ENTRIES: -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	1153-1154
PED3B	2	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] VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1155-1156

NAME	SIZE	DESCRIPTION	LOCATION
PED6NUM	2	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. ENTER NUMBER (1 - 99) VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1-90 Number of	1157-1158
PED6UNT	2	Enter unit reported: days, weeks, months, year VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Days 2 Weeks 3 Months 4 Years	1159-1160
PED6B	2	Was it more or less than one week? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 More 2 Less 3 One week	1161-1162
PED6CNUM	2	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. ENTER NUMBER (1 - 99) VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1-90 Number of	1163-1164

NAME	SIZE	DESCRIPTION	LOCATION
PED6CUNT	2	Enter unit reported: days, weeks, months, year VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Days 2 Weeks 3 Months 4 Years	1165-1166
PED6C2	2	Was it more or less than one week? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 More 2 Less 3 One week	1167-1168
PED7R	2	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? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1169-1170
PED8R	2	Have you EVER made a serious attempt to stop smoking because you were TRYING to quit – even if you stopped for less than a day? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1171-1172

NAME	SIZE	DESCRIPTION	LOCATION
PEE1A123	2	Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months: Did you use ANY of the following PRODUCTS: A NICOTINE … patch, gum, lozenge, nasal spray or inhaler? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1173-1174
PEE1A7AB	2	Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months: Did you use ANY of the following PRODUCTS: A prescription pill, called Chantix, Varenicline, Zyban, Bupropion, or Wellbutrin VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1175-1176
PEE1B1	2	Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months: Did you use ANY of the following: A telephone help line or quit line? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1177-1178

NAME	SIZE	DESCRIPTION	LOCATION
PEE1B2	2	Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months: Did you use ANY of the following: One-on-one IN-PERSON counseling by a health professional VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1179-1180
PEE1B3	2	Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months: Did you use ANY of the following: A stop smoking clinic, class, or support group VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1181-1182
PEE1B5	2	Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months: Did you use ANY of the following: Internet or a web-based program or tool including smartphone apps and text messaging programs? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1183-1184

NAME	SIZE	DESCRIPTION	LOCATION
PEE1C2	2	The (LAST TIME / time) you tried to QUIT smoking in the past 12 months: Did you do ANY of the following: Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff or snus? FR NOTE: Snus is pronounced as snoose, rhymes with goose. VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1185-1186
PEE1C2B	2	The (LAST TIME / time) you tried to QUIT smoking in the past 12 months: Did you do ANY of the following: Try to quit by SWITCHING to regular cigars, cigarillos, little filtered cigars or 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. VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1187-1188
PEE1C2C	2	The (LAST TIME / time) you tried to QUIT smoking in the past 12 months: Did you do ANY of the following: Try to quit by SWITCHING to electronic or E-cigarettes? You may also know them as vape-pens, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE "JEWEL"*). VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1189-1190

NAME	SIZE	DESCRIPTION	LOCATION
PEE1C2D1	2	Did you switch to? Cigars, cigarillos, little filtered cigars. VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1191-1192
PEE1C2D2	2	Did you switch to? Regular pipes filled with tobacco. VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1193-1194
PEE1C2D3	2	Did you switch to? Water or hookah (pronounced who-kah) pipes filled with tobacco. VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1195-1196
PEE1CZ2C	2	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, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE "JEWEL"*). VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1197-1198

NAME	SIZE	DESCRIPTION	LOCATION
PEF1A	2	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). VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1199-1200
PEF1B	2	During the PAST 12 MONTHS, did any medical doctor ADVISE you to stop smoking? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1201-1202
PEG1	2	Are you seriously considering quitting smoking within the next 6 months? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1203-1204
PEG2	2	Are you planning to quit within the next 30 days? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1205-1206

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? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1:10 Number	1207-1208
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? 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	1209-1210
PEH1NUM		About how long has it been since you COMPLETELY quit smoking cigarettes? Enter Number. 1-99 VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1:99 Number	1211-1212
PEH1UNT	2	Enter Unit Reported. VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Days 2 Weeks 3 Months 4 Years	1213-1214

NAME	SIZE	DESCRIPTION	LOCATION
PEH1B	2	In the PAST 12 months, was [duration from H1NUM/UNT] the longest time you stopped smoking cigarettes because you were trying to quit? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1215-1216
PEH1CNUM	2	During the PAST 12 MONTHS, what WAS the LONGEST length of time you stopped smoking because you were TRYING to quit smoking Enter Number. 1-99 VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1:99 Number	1217-1218
PEH1CUNT	2	Enter Unit Reported. VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Days 2 Weeks 3 Months 4 Years	1219-1220
PEH2	2	Have you EVER smoked cigarettes EVERY DAY for at least 6 months? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1221-1222

NAME	SIZE	DESCRIPTION	LOCATION
PEH5	2	For how long did you smoke EVERY DAY? FR: 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 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)	1223-1224
PTH5A	2	When you last smoked every day, on average how many cigarettes did you smoke each day? FR: Enter Number of Cigarettes A Day. (1-99) VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1:99 Number of Cigarettes	1225-1226
PEH6	2	Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Everyday 2 Some days 3 Not at all	1227-1228

NAME	SIZE	DESCRIPTION	LOCATION
PTH6A	2	Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day? FR: One pack usually equals 20 Cigarettes. If converting packs to Cigarettes, always verify calculation with respondent. Enter Number of Cigarettes Per Day: 1-99 VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1:99 Number of Cigarettes	1229-1230
PEH6B	2	Around this time 12 MONTHS AGO, on how many of 30 days in the month did you smoke cigarettes? Enter 0 for None VALID ENTRIES: -9 No Response -5 None -3 Refused -2 Don't know -1 Not in Universe 1:30 Number of days	1231-1232
PTH6C	2	On the average, on those (fill H6B entry) days, how many cigarettes did you usually smoke each day? FR: We are still talking about “around this time 12 months ago. VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1:99 Number of cigarettes	1233-1234
PEH6C2	2	We are still talking about Around this time 12 months ago Thinking back to the 12 MONTHS BEFORE YOU QUIT SMOKING CIGARETTES, during that time, did you usually smoke menthol or non-menthol cigarettes? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Menthol 2 Non menthol 3 No Usual Type	1235-1236

NAME	SIZE	DESCRIPTION	LOCATION
PEH6C4	2	Have you EVER smoked MENTHOL cigarettes for 6 months or more? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1237-1238
PEH6C5	2	For how long did you smoke 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 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)	1239-1240
PEH6D123	2	Now I would like to ask about HOW you went about completely quitting smoking. When you quit smoking completely, did you use ANY of the following PRODUCTS: A NICOTINE…patch, gum, lozenge, nasal spray or inhaler? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1241-1242

NAME	SIZE	DESCRIPTION	LOCATION
PEH6D7AB	2	Now I would like to ask about HOW you went about completely quitting smoking. When you quit smoking completely, did you use ANY of the following PRODUCTS: A prescription pill, called Chantix, Varenicline, Zyban, Bupropion, or Wellbutrin? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1243-1244
PEH6E1	2	When you quit smoking completely, did you use ANY of the following: A telephone help line or quit line? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1245-1246
PEH6E2	2	When you quit smoking completely, did you use ANY of the following: One-on-one IN-PERSON counseling by a health professional? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1247-1248

NAME	SIZE	DESCRIPTION	LOCATION
PEH6E3	2	When you quit smoking completely, did you use ANY of the following: A stop smoking clinic, class, or support group? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1249-1250
PEH6E5	2	When you quit smoking completely, did you use ANY of the following: Internet or a web-based program or tool including smartphone apps and text messaging programs? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1251-1252
PEH6FA2	2	When you quit smoking completely, did you do ANY 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? FR: Pronounce “SNUS” to rhyme with “GOOSE” VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1253-1254

NAME	SIZE	DESCRIPTION	LOCATION
PEH6FA2B	2	When you quit smoking completely, did you do ANY 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? 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. VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1255-1256
PEH6FA2C	2	When you quit smoking completely, did you do ANY of the following whether or not you think they were effective? Try to quit by SWITCHING to electronic or E-cigarettes? You may also know them as vape-pens, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE "JEWEL"*). VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1257-1258
PEH6FA2D1	2	Did you switch to? Cigars, cigarillos, little filtered cigars. VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1259-1260

NAME	SIZE	DESCRIPTION	LOCATION
PEH6FA2D2	2	Did you switch to? Regular pipes filled with tobacco. VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1261-1262
PEH6FA2D3	2	Did you switch to? Water or hookah (pronounced who-kah) pipes filled with tobacco. VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1263-1264
PEH6FAZ2C	2	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, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE "JEWEL"*). VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1265-1266
PEH61A	2	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). VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1267-1268

NAME	SIZE	DESCRIPTION	LOCATION
PEH61B	2	During the 12 MONTHS BEFORE you completely quit smoking, did any medical doctor ADVISE you to stop smoking? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No	1269-1270
PEH8ANUM	2	During the 12 MONTHS before you quit smoking, how soon after you woke up did you typically smoke your first cigarette of the day? FR: If necessary, ask for best answer in minutes or hours. Enter 0 if respondent insists it varies. VALID ENTRIES: -9 No Response -5 Varies -3 Refused -2 Don't know -1 Not in Universe 1:90 Number of	1271-1272
PEH8AUNT	2	Enter unit reported VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Minutes 2 Hours	1273-1274
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? VALID ENTRIES: -9 No Response -3 Refused -2 Don't know -1 Not in Universe 1 Yes 2 No 3 Varies	1275-1276

NAME	SIZE	DESCRIPTION	LOCATION
PEH11A	2	Thinking back to the 12 MONTHS BEFORE YOU COMPLETELY QUIT SMOKING CIGARETTES. During that time, DID YOU USUALLY SMOKE menthol or non-menthol cigarettes? VALID ENTRIES: -9 No response -8 Not applicable due to instrument error - relevant for July 2018 and Jan. 2019 data. This code does NOT apply to May 2019 data for which instrument was corrected. -3 Refused -2 Don't Know -1 Not in Universe 1 Menthol 2 Non menthol 3 No Usual Type	1277-1278
PEH11C	2	Have you EVER smoked MENTHOL cigarettes for 6 months or more? VALID ENTRIES: -9 No response -8 Not applicable due to instrument error - relevant for July 2018 and Jan. 2019 data. This code does NOT apply to May 2019 data for which instrument was corrected. -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1279-1280
PEH11D	2	For how long did you smoke MENTHOL cigarettes? FR: 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 VALID ENTRIES: -9 No response -8 Not applicable due to instrument error - relevant for July 2018 and Jan. 2019 data. This code does NOT apply to May 2019 data for which instrument was corrected -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)	1281-1282

NAME	SIZE	DESCRIPTION	LOCATION
PEJ1A1	2	(Have/Has) (you/name) EVER used any of the following EVEN ONE TIME? ... A regular cigar or cigarillo OR a little filtered cigar? FR: Regular cigars are different from little filter cigars. They can be large cigars, or smaller in size such as cigarillos. They are usually sold individually or in packs of 2 or 3. Some common brands are Black and Mild's, Swisher Sweetscigarillos, and Phillies Blunts, but there are others. FR: Little filtered cigars are different from regular cigars and cigarillos. 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. VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1283-1284
PEJ1A2	2	(Have/Has) (you/name) EVER used any of the following EVEN ONE TIME? ... 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. VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1285-1286

NAME	SIZE	DESCRIPTION	LOCATION
PEJ1A3	2	(Have/Has) (you/name) EVER used any of the following EVEN ONE TIME? ... a water pipe or hookah (who-kah) pipe filled with tobacco? FR: IF ASKED, water pipe or hookah (who-kah) pipe smoking ONLY INCLUDES PIPE TOBACCO. IT DOES NOT 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. VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1287-1288
PEJ1A3_5	2	The next question is about electronic or e-cigarettes. You may also know them as vape-pens, e-hookahs, vapes or mods. Some look like cigarettes, and others look like pens or are rectangular or box-shaped. These are battery-powered, usually contain liquid nicotine, and produce vapor instead of smoke. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE "JEWEL"*). (Have/Has)(you/name) EVER used E-cigarettes EVEN ONE TIME? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1289-1290

NAME	SIZE	DESCRIPTION	LOCATION
PEJ1A4	2	The next question is about smokeless tobacco products which are used in the mouth. (Have/Has) (you/name) EVER used any of the following EVEN ONE TIME? …SMOKELESS tobacco, such as moist snuff, dip, spit, chew tobacco or snus? FR: Snuff or dip IS COMMONLY PLACED BETWEEN THE GUM AND LIP AND SOLD IN ROUND CANS IN --A LOOSE FORM OR A POUCH THAT LOOKS LIKE A SMALL TEA-BAG; COMMON BRANDS ARE SKOAL, COPENHAGEN AND GRIZZLY 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-GARRETT, 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. VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1291-1292
PEJ1A5	2	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. (Have/Has)(you/name) EVER used dissolvable tobacco EVEN ONE TIME? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1293-1294

NAME	SIZE	DESCRIPTION	LOCATION
PEJ2A1	2	(Do you/Does name) NOW smoke regular cigars or cigarillos or little filtered cigars every day, some days or not at all? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Everyday 2 Some days 3 Not at all	1295-1296
PEJ2B1	2	On how many of the past 30 days did you smoke regular cigars or cigarillos or little filtered cigars? Enter number of days. Enter (0) for none. VALID ENTRIES: -9 No response -5 None -3 Refused -2 Don't Know -1 Not in Universe 1:30 Number of Days	1297-1298
PEJ2A2	2	(Do you/Does name) NOW smoke a regular pipe every day, some days or not at all? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Everyday 2 Some days 3 Not at all	1299-1300
PEJ2B2	2	On how many of the past 30 days did you smoke a regular pipe? Enter number of days. Enter (0) for none. VALID ENTRIES: -9 No response -5 None -3 Refused -2 Don't Know -1 Not in Universe 1:30 Number of Days	1301-1302

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? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Everyday 2 Some days 3 Not at all	1303-1304
PEJ2B3	2	On how many of the past 30 days did you use a water pipe or hookah pipe filled with tobacco? Enter number of days. Enter (0) for none. VALID ENTRIES: -9 No response -5 None -3 Refused -2 Don't Know -1 Not in Universe 1:30 Number of Days	1305-1306
PEJ2A3_5	2	(Do you/Does name) NOW use an E-cigarette every day, some days or not at all? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Everyday 2 Some days 3 Not at all	1307-1308
PEJ2B3_5	2	On how many of the past 30 days did you use an E-cigarette? Enter number of days. Enter (0) for none. VALID ENTRIES: -9 No response -5 None -3 Refused -2 Don't Know -1 Not in Universe 1:30 Number of Days	1309-1310

NAME	SIZE	DESCRIPTION	LOCATION
PEJ2A4	2	(Do you/Does name) NOW use smokeless tobacco such as moist snuff, dip, spit, chew tobacco or snus every day, some days or not at all? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Everyday 2 Some days 3 Not at all	1311-1312
PEJ2B4	2	On how many of the past 30 days did you use smokeless tobacco? Enter number of days. Enter (0) for none. VALID ENTRIES: -9 No response -5 None -3 Refused -2 Don't Know -1 Not in Universe 1:30 Number of Days	1313-1314
PEJ2A5	2	(Do you/Does name) NOW use dissolvable tobacco every day, some days or not at all? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Everyday 2 Some days 3 Not at all	1315-1316
PEJ2B5		On how many of the past 30 days did you use dissolvable tobacco? Enter number of days. Enter (0) for none. VALID ENTRIES: -9 No response -5 None -3 Refused -2 Don't Know -1 Not in Universe 1:30 Number of Days	1317-1318

NAME	SIZE	DESCRIPTION	LOCATION
PEJA	2	During the past 30 days, what BRAND of smokeless tobacco (If necessary: moist snuff, dip, spit, chew or snus) did you use MOST OFTEN? 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 17 Skoal Snus 18 Skoal X-tra 19 Stoker's 20 Timber wolf 21 Other	1319-1320
PEJB	2	During the PAST 30 days, what type of CIGAR did you use MOST OFTEN? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Regular 2 Cigarillos 3 Little filtered cigars	1321-1322

NAME	SIZE	DESCRIPTION	LOCATION
PEJC	2	During the PAST 30 days, what BRAND of CIGAR did you smoke MOST OFTEN? 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 Arturo Fuente 5 Backwoods 6 Black and Milds 7 Cohiba 8 Cheyenne 9 Djarum 10 Dutch Masters 11 Garcia Y Vega 12 Good_ times 13 Macanudo 14 Hav A-Tampa 15 Phillies 16 Prime time 17 Sante fe 18 Smoker's Choice 19 Swisher Sweets 20 White Owl 21 Zig Zag 22 Other	1323-1324
PEJNFLVIN	2	Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors. VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Continue	1325-1326
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? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1327-1328

NAME	SIZE	DESCRIPTION	LOCATION
PEJNFLA1B	2	Is it usually menthol or mint flavored? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1329-1330
PEJNFLA1C	2	Is it usually flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1331-1332
PEJNFLA1D	2	Is it usually some other type of flavor? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1333-1334
PEJNFLVR2	2	Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors. When you smoke a regular pipe filled with tobacco is it usually flavored? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1335-1336

NAME	SIZE	DESCRIPTION	LOCATION
PEJNFLA2B	2	Is it usually menthol or mint flavored? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1337-1338
PEJNFLA2C	2	Is it usually flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1339-1340
PEJNFLA2D	2	Is it usually some other type of flavor? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1341-1342
PEJNFLVR3	2	Some tobacco products come in flavors such as 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? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1343-1344

NAME	SIZE	DESCRIPTION	LOCATION
PEJNFLA3B	2	Is it usually menthol or mint flavored? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1345-1346
PEJNFLA3C	2	Is it usually flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1347-1348
PEJNFLA3D	2	Is it usually some other type of flavor? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1349-1350
PEJNFLV35	2	Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors. When you use an E-cigarette is it usually flavored? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1351-1352
PEJNFA35A	2	Is it usually tobacco flavored? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1353-1354

NAME	SIZE	DESCRIPTION	LOCATION
PEJNFA35B	2	Is it usually menthol or mint flavored? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1355-1356
PEJNFA35C	2	Is it usually flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1357-1358
PEJNFA35D	2	Is it usually some other type of flavor? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1359-1360
PEJNFVB35	2	When you use an e-cigarette, is it usually tobacco flavored? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1361-1362
PEJNFLVR4	2	Some tobacco products come in flavors such as menthol or mint, clove, spice, fruit, chocolate, alcohol, or other flavors. When you use smokeless tobacco is it usually flavored? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1363-1364

NAME	SIZE	DESCRIPTION	LOCATION
PEJNFLA4B	2	Is it usually menthol or mint flavored? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1365-1366
PEJNFLA4C	2	Is it usually flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1367-1368
PEJNFLA4D	2	Is it usually some other type of flavor? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1369-1370
PEJECIGRA	2	Do you use e-cigarettes because you can use them at times when or in places where smoking cigarettes isn’t allowed? FR: E-CIGARETTES CAN ALSO BE CALLED VAPE-PENS, E-HOOKAHS, VAPES OR MODS. POPULAR BRANDS INCLUDE NJOY, BLU, LOGIC, VUSE, AND JUUL (PROUNOUNCED LIKE "JEWEL"). VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1371-1372

NAME	SIZE	DESCRIPTION	LOCATION
PEJECIGRD	2	Do you use e-cigarettes to help you quit smoking cigarettes? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1373-1374
PEJECIG2	2	Which of the following best describes the type of e-cigarette you currently use? If you use more than one type, please think of the one you use most often. VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 A disposable e-cigarette 2 An e-cigarette that uses REPLACEABLE PREFILLED CARTRIDGES 3 An e-cigarette with a TANK that you REFILL with LIQUIDS 4 A mod system 5 You don’t know the type	1375-1376
PEJECIG3	2	Do you usually buy your own {e-cigarettes / e-cigarette cartridges/ e-liquid}? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1377-1378
PEJECIG4	2	How do you usually buy your own {e-cigarettes / e-cigarette cartridges/ e-liquid} VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 In persons 2 From the internet 3 By telephone 4 Some other way (Specify:____)	1379-1380

NAME	SIZE	DESCRIPTION	LOCATION
PEJCOST1	2	Do you usually buy {e-cigarettes / e-cigarette cartridges / bottles of e-liquid} by the box or pack, or as {single e-cigarettes / single e-cigarette cartridges / a single bottle of e-liquid}? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Box or Pack 2 Singles	1381-1382
PTJCOST2	5	What price did you pay for the LAST BOX OR PACK of {e-cigarettes / e-cigarette cartridges / bottles of e-liquid} you bought? Please report the cost after using discounts or coupons. VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 00000-99999 Price in dollars (2 implied decimal places)	1383-1387
PEJCOST3	3	How many {e-cigarettes / e-cigarette cartridges / bottles of e-liquid} came in the LAST BOX OR PACK you bought? VALID ENTRIES: VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1-99 Number of	1388-1390
PTJCOST4	5	What price did you pay for the LAST {e-cigarette / e-cigarette cartridge / bottle of e-liquid} you bought? Please report the cost after using discounts or coupons. VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 00000-99999 Price in dollars (2 implied decimal places)	1391-1395

NAME	SIZE	DESCRIPTION	LOCATION
PEJCOST5	4	How many MILLILITERS of liquid were in a SINGLE bottle you LAST bought? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 000-999	1396-1399
PEJD11	2	About how long has it been since you COMPLETELY quit smoking cigars, cigarillos or little filter cigars? Enter number: (1-99) VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1:99 Number of	1400-1401
PEJD21	2	Enter units: days, weeks, months, years VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Days 2 Weeks 3 Months 4 Years	1402-1403
PEJD12	2	About how long has it been since you COMPLETELY quit smoking a regular pipe filled with tobacco? Enter number: (1-99) VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1:99 Number of	1404-1405

NAME	SIZE	DESCRIPTION	LOCATION
PEJD22	2	Enter units: days, weeks, months, years VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Days 2 Weeks 3 Months 4 Years	1406-1407
PEJD13	2	About how long has it been since you COMPLETELY quit smoking a water pipe or hookah pipe filled with tobacco? Enter number: (1-99) VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1:99 Number of	1408-1409
PEJD23	2	Enter units: days, weeks, months, years VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Days 2 Weeks 3 Months 4 Years	1410-1411
PEJD13_5	2	About how long has it been since you COMPLETELY quit using E-cigarettes? Enter number: (1-99) VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1:99 Number of	1412-1413

NAME	SIZE	DESCRIPTION	LOCATION
PEJD23_5	2	Enter units: days, weeks, months, years VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Days 2 Weeks 3 Months 4 Years	1414-1415
PEJD14	2	About how long has it been since you COMPLETELY quit using smokeless tobacco? Enter number: (1-99) VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1:99 Number of	1416-1417
PEJD24	2	Enter units: days, weeks, months, years VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Days 2 Weeks 3 Months 4 Years	1418-1419
PEJD31	2	In total, how many years (have you smoked/did you smoke) cigars or cigarillos or little filtered cigars? If product was only used once or twice, DO NOT ASK this question and enter 0 for less than one year. Enter 0 for less than one year 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 1:99 years	1420-1421

NAME	SIZE	DESCRIPTION	LOCATION
PEJD32	2	In total, how many years (have you smoked/did you smoke) a regular pipe filled with tobacco? If product was only used once or twice, DO NOT ASK this question and enter 0 for less than one year. Enter 0 for less than one year 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 1-99 years	1422-1423
PEJD33	2	In total, how many years (have you smoked/did you smoke) a water pipe or hookah pipe filled with tobacco? If product was only used once or twice, DO NOT ASK this question and enter 0 for less than one year. Enter 0 for less than one year 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 1-99 years	1424-1425
PEJD33_5	2	In total, how many years (have you used/did you use) E-cigarettes? If product was only used once or twice, DO NOT ASK this question and enter 0 for less than one year. Enter 0 for less than one year 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 1-99 years	1426-1427

NAME	SIZE	DESCRIPTION	LOCATION
PEJD34	2	In total, how many years (have you used/did you use) smokeless tobacco? If product was only used once or twice, DO NOT ASK this question and enter 0 for less than one year. Enter 0 for less than one year 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 1-99 years	1428-1429
PEJFECGRA	2	Did you use E-cigarettes because you could use them at times w hen or in places where smoking cigarettes wasn't allowed? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1430-1431
PEJFECGRD	2	Did you use e-cigarettes to help you quit smoking cigarettes? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1432-1433
PEJFECG2	2	Which of the following best describes the type of e-cigarette you used to use? If you used more than one type, please think of the one you used most often. VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 A disposable e-cigarette 2 An e-cigarette that uses replaceable PREFILLED CARTRIDGES 3 An e-cigarette with a TANK that you REFILL with LIQUIDS 4 A mod system, or 5 You don’t know the type?	1434-1435

NAME	SIZE	DESCRIPTION	LOCATION
PEJ3A1	2	How soon after you wake up do you typically [fill with appropriate stem and ending based on responses to J2a1-4]? FR: IF NECESSARY, ASK FOR BEST ANSWER IN MINUTES OR HOURS FR: 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) IF RESPONDENT INSISTS IT VARIES VALID ENTRIES: -9 No response -5 Varies -3 Refused -2 Don't Know -1 Not in Universe 1-99 Number of	1436-1437
PEJ3A2	2	Enter minutes or hours VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Minutes 2 Hours	1438-1439
PEJ3D	2	Would you say you [fill with appropriate stem and ending based on responses to J2a1-4] within the first 30 minutes of awakening? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No 3 Varies	1440-1441

NAME	SIZE	DESCRIPTION	LOCATION
PEJ3F1	2	In the 12 months BEFORE YOU COMPLETELY QUIT {smoking cigars / smoking pipes / using e-cigarettes / using smokeless tobacco}, how soon after you woke up did you typically [fill with appropriate stem and ending based on responses to J2a1-4] (smoke your first….cigar/ pipe//use your first….e-cigarette/first use smokeless tobacco)? FR: IF NECESSARY, ASK FOR BEST ANSWER IN MINUTES OR HOURS FR: 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) IF RESPONDENT INSISTS IT VARIES Enter Number: (0-90) VALID ENTRIES: -9 No response -5 Varies -3 Refused -2 Don't Know -1 Not in Universe 1-99 Number of	1442-1443
PEJ3F2	2	Enter minutes or hours VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Minutes 2 Hours	1444-1445

NAME	SIZE	DESCRIPTION	LOCATION
PEJ3G	2	In the 12 months BEFORE YOU COMPLETELY QUIT {smoking cigars / smoking pipes / using e-cigarettes / using smokeless tobacco}, would you say you [fill with appropriate stem and ending based on responses to J2a1-4] (smoke your first….cigar/ pipe//use your first….e-cigarette/first use smokeless tobacco) within the first 30 minutes of awakening? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No 3 Varies	1446-1447
PEJ4	2	During the PAST 12 MONTHS, have you stopped smoking // using [fill entry based on BOX 39A—cigars / pipes // e-cigarettes / smokeless tobacco] for one day or longer BECAUSE YOU WERE TRYING TO QUIT? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1448-1449
PEJ6BNUM	2	Thinking of ANY attempts to stop smoking …// using … [fill entry same as J4 fill – cigars/pipes // E-cigarettes/ smokeless 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? Enter Number: 1-99 VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1-99 Number of	1450-1451

NAME	SIZE	DESCRIPTION	LOCATION
PEJ6BUNT	2	Enter days, weeks, or months VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Days 2 Weeks 3 Months	1452-1453
PEJ7CINT	2	The LAST TIME you tried to QUIT smoking CIGARS in the past 12 months: Did you: VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Continue	1454-1455
PEJ7C	2	The LAST TIME you tried to QUIT smoking CIGARS in the past 12 months: Did you: Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff, or snus? FR: PRONOUNCE “SNUS” TO RHYME WITH “GOOSE.” VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1456-1457
PEJ7D	2	The LAST TIME you tried to QUIT smoking CIGARS in the past 12 months: Did you: Try to quit by SWITCHING to electronic or E-cigarettes? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1458-1459

NAME	SIZE	DESCRIPTION	LOCATION
PEJ7ALTIN	2	When you quit smoking CIGARS completely, did you do ANY of the following, whether or not you think they were effective: VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Continue	1460-1461
PEJ7CALT	2	When you quit smoking CIGARS completely, did you do ANY 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? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1462-1463
PEJ7DALT	2	When you quit smoking CIGARS completely, did you do ANY of the following, whether or not you think they were effective: Try to quit by SWITCHING to electronic or E-cigarette? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1464-1465

NAME	SIZE	DESCRIPTION	LOCATION
PEK1A	2	The next questions are about your place of work. Do you mainly work indoors or outdoors? FR: If respondent has more than 1 job, have them answer for their main job. Do not read the first 2 categories unless necessary. Never read the remaining categories. VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Indoors 2 Outdoors 3 About equally 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 mine, etc. 6 varies	1466-1467
PEK1B	2	Do you mainly work in an office building, in your own home, in someone else's home, or in another indoor place? 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	1468-1469
PEK1B11	2	In which State (including DC), do you work? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Alabama 2 Alaska 4 Arizona 5 Arkansas 6 California 8 Colorado 9 Connecticut 10 Delaware 11 District of Columbia 12 Florida	1470-1471

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	
		54 West Virginia	
		55 Wisconsin	
		56 Wyoming	
		57 United States (state unknown)	
		88 Not in U.S.	

NAME	SIZE	DESCRIPTION	LOCATION
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? 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	1472-1473
PEK1C1	2	In which State (including DC), do you work on your main indoor job or business? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Alabama 2 Alaska 4 Arizona 5 Arkansas 6 California 8 Colorado 9 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	1474-1475

NAME	SIZE	DESCRIPTION	LOCATION
		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 U.S.	
PEK2A	2	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 thatrestriction (including owner, employer, government, union, etc.) VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1476-1477

NAME	SIZE	DESCRIPTION	LOCATION
PEK3A	2	Which of these best describes the smoking policy at your place of work for INDOOR PUBLIC OR COMMON AREAS, such as lobbies, rest rooms, and lunch rooms? FR: READ THE FIRST 3 ANSWER CATEGORIES ONLY. ENTER (4) IF NOT APPLICABLE (1) Not allowed in ANY public areas (2) Allowed in SOME public areas (3) Allowed in ALL public areas (4) NOT APPLICABLE VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Not allowed in ANY public areas 2 Allowed in SOME public areas 3 Allowed in ALL public areas 4 Not applicable	1478-1479
PEK3B	2	Which of these best describes the smoking policy at your place of work for INDOOR WORK AREAS? FR: READ THE FIRST 3 ANSWER CATEGORIES ONLY. ENTER (4) IF NOT APPLICABLE (1) Not allowed in ANY work areas (2) Allowed in SOME work areas (3) Allowed in ALL work areas (4) NOT APPLICABLE 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	1480-1481

NAME	SIZE	DESCRIPTION	LOCATION
PEK3C	2	During the PAST TWO WEEKS, has anyone smoked in the area in which you work? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1482-1483
PEK3B1	2	Which of these best describes the vaping or e-cigarette policy at your place of work for INDOOR PUBLIC OR COMMON AREAS AND INDOOR WORK AREAS? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Not allowed in ANY public and ANY work areas 2 Allowed in SOME public or SOME work areas 3 Allowed in ALL public and ALL work areas 4 Not applicable	1484-1485
PEK3C1	2	During the PAST TWO WEEKS, has anyone vaped or used e-cigarettes in the area in which you work? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1486-1487

NAME	SIZE	DESCRIPTION	LOCATION
PEK4	2	The final set of questions are about your home and other places. 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 as well as cigarettes 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	1488-1489
PEK4A	2	Which statement best describes the rules about vaping or using e-cigarettes 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. “Vaping” includes use of e-cigarettes, vape-pens, hookah-pens, e-hookahs, e-vaporizers, vapes, or mods. popular brands include Njoy, Blu, Logic, Vuse, and Juul (prounounced like "jewel"). VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 No one is allowed to vape anywhere INSIDE YOUR HOME 2 Vaping is allowed in some places or at some times INSIDE YOUR HOME 3 Vaping is permitted anywhere INSIDE YOUR HOME	1490-1491
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 VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Allowed inside all apartments and living areas 2 Allowed inside some apartments 3 Not allowed at all inside apartments	1492-1493

NAME	SIZE	DESCRIPTION	LOCATION
PEK6B	2	In indoor work areas, do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL? 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	1494-1495
PEK6C		Inside bars, cocktail lounges, and clubs, do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL? 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	1496-1497
PEK6G		Inside casinos, do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL? VALID ENTRIES: -9 No response -8 Not applicable due to instrument error – relevant for ONLY Jan. 2019 data. This code does NOT apply to July 2018 and May 2019 data for which instrument was correct. -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	1498-1499

NAME	SIZE	DESCRIPTION	LOCATION
PEK6H	2	Inside a car, when there are other people present, do you THINK that smoking SHOULD...always be allowed, be allowed under some conditions, or never be allowed? 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	1500-1501
PEK6H2	2	IF children are present inside the car, do you think that smoking SHOULD...always be allowed, be allowed under some conditions, or never be allowed. 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	1502-1503
PEK8	2	In the past 6 months, have you seen messages in newspapers or on television that say that a Federal Court has ordered tobacco companies to make statements about the dangers of smoking cigarettes? VALID ENTRIES: -9 No response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1504-1505

NAME	SIZE	DESCRIPTION	LOCATION
PES78	2	Respondent relationship recode – relationship 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	1506-1507
PESINTTP	2	*** DO NOT READ *** In what language was the interview conducted for this person? 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 Khmer 7 Other Asian 8 Other	1508-1509
PES81A	2	Method of Interview VALID ENTRIES: -1 Not in Universe 1 Personal 2 Telephone	1510-1511

NAME	SIZE	DESCRIPTION	LOCATION
INTRVIEW	2	Interview Status Recode 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 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	1512-1513
HRMODE	2	Method of Interview VALID ENTRIES: -1 Not in Universe 1 CAPI 2 CATI 3 Unknown	1514-1515
SMOKSTAT	2	Type of smoker recode VALID ENTRIES: - 9 Indeterminate (includes persons age between 18 and 34 with pea1 in (-2,-3,-9) and pea3 in (1,2,3)) -1 Not in universe 1 Never smoker (includes persons age between 18 and 34 with pea1=2 and pea3 in (1,2,3)) 2 Everyday smoker 3 Some days smoker 4 Former smoker	1516-1517
PRS35	2	Respondent and Smoker Type VALID ENTRIES: -9 No response -1 Not in universe (includes persons age between 18 and 34 with pea1 in (-2,-3,-9) and pea3 in (1,2,3)) 1 Self respondent, every day smoker 2 Self respondent, some day smoker 3 Self respondent, former smoker 4 Proxy respondent	1518-1519

NAME	SIZE	DESCRIPTION	LOCATION
PRS60	2	Self responding 'Not at all' smokers- smoking less than or equal to 1 year or Don't Know VALID ENTRIES: -1 Not in universe (includes persons age between 18 and 34 with pea1 in (-2,-3,-9) and pea3=3) 1 Item PEH1NUM/PEH1UNT is less than or equal to 1 year or don't know 2 All others	1520-1521
PRS64	2	Who is responding for the supplement VALID ENTRIES: -1 Not in universe 1 Self 2 Proxy	1522-1523
PRS65	2	Monthly Labor Force recode of Self respondents VALID ENTRIES: -1 Not in universe 1 Employed self respondents (PEMLR=1,2) 2 All other cases	1524-1525
PRS66	2	Employed self respondents' class of worker on 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	1526-1527
PRJ3A1F	2	Recode from fill in PEJ3a1 and PEJ3a2 to determine which tobacco product is being discussed in PEJ3a1and PEJ3a2 VALID ENTRIES: -1 Not in Universe 1 Cigar 2 Regular pipe filled with tobacco 3 Hookah pipe 4 E-cigarette 5 Smokeless 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 or E-cigarette 12 Cigar or hookah pipe or E-cigarette 13 Cigar or regular or hookah pipe or E-cigarette 14 Cigar or smokeless tobacco 17 Cigar or regular pipe or smokeless tobacco 20 Cigar or hookah pipe or smokeless tobacco 23 Cigar or regular pipe filled or hookah pipe or smokeless tobacco	1528-1529

NAME	SIZE	DESCRIPTION	LOCATION
		26 Cigar or regular pipe or E-cigarette or smokeless tobacco 29 Cigar or hookah pipe or E-cigarette or smokeless tobacco 32 Cigar, regular pipe, hookah pipe, E-cigarette or smokeless tobacco 35 Cigar or E-cigarette or smokeless tobacco 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 or smokeless tobacco 45 Hookah pipe or smokeless tobacco 48 Regular pipe or hookah pipe or smokeless tobacco 51 Regular pipe or E-cigarette or smokeless tobacco 54 Hookah pipe or E-cigarette or smokeless tobacco 57 Regular pipe or, hookah pipe or E-cigarette or smokeless tobacco 60 E-cigarette or smokeless tobacco	
PRJ3DF	2	Recode from fill in PEJ3d to determine which tobacco product is being discussed in PEJ3D VALID ENTRIES: -1 Not in Universe 1 Cigar 2 Regular pipe filled with tobacco 3 Hookah pipe 4 E-cigarette 5 Smokeless 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 or E-cigarette 12 Cigar or hookah pipe or E-cigarette 13 Cigar or regular or hookah pipe or E-cigarette 14 Cigar or smokeless tobacco 17 Cigar or regular pipe or smokeless tobacco 20 Cigar or hookah pipe or smokeless tobacco 23 Cigar or regular pipe filled or hookah pipe or smokeless tobacco 26 Cigar or regular pipe or E-cigarette or smokeless tobacco 29 Cigar or hookah pipe or E-cigarette or smokeless tobacco 32 Cigar, regular pipe, hookah pipe, E-cigarette or smokeless tobacco 35 Cigar or E-cigarette or smokeless tobacco 38 Regular pipe or hookah pipe 39 Regular pipe or E-cigarette 40 Hookah pipe or E-cigarette 41 Regular pipe or hookah pipe or E-cigarette 42 Regular pipe or smokeless tobacco 45 Hookah pipe or smokeless tobacco 48 Regular pipe or hookah pipe or smokeless tobacco 51 Regular pipe or E-cigarette or smokeless tobacco 54 Hookah pipe or E-cigarette or smokeless tobacco	1530-1531

NAME	SIZE	DESCRIPTION	LOCATION
		57 Regular pipe or, hookah pipe or E-cigarette or smokeless tobacco 60 E-cigarette or smokeless tobacco	
PRJ3F1F	2	Recode from fill in PEJ3f1 and PEJ3f2 to determine which tobacco product is being discussed in PEJ3f1and PEJ3f2 VALID ENTRIES: -1 Not in universe 1 Smoking cigars… smoke your first cigar 2 Smoking regular pipes filled with tobacco …smoke your first regular pipe filled with tobacco 3 Smoking hookah pipes… smoke your first hookah pipe 4 Using E-cigarettes… use your first E-cigarette 5 Using smokeless tobacco… use your first smokeless tobacco 6 Smoking cigars/smoking regular pipes filled with tobacco… smoke your first cigar/smoke your first regular pipe filled with tobacco 7 Smoking cigars/smoking hookah pipes… smoke your first cigar/smoke your first hookah pipe 8 Smoking cigars/using E-cigarettes… smoke your first cigar/use your first E-cigarette 9 Smoking cigars/using smokeless tobacco … smoke your first cigar/use your first smokeless tobacco 10 Smoking regular pipes filled with tobacco/smoking hookah pipes…smoke your first regular pipe filled with tobacco/ smoke your first hookah pipe 11 Smoking regular pipes filled with tobacco/using E-cigarettes… smoke your first regular pipe filled with tobacco/use your first E-cigarette 12 Smoking regular pipes filled with tobacco/using smokeless tobacco… smoke your first regular pipe filled with tobacco/use your first smokeless tobacco 13 Smoking hookah pipes/using E-cigarettes… smoke your first hookah pipe/use your first E-cigarette 14 Smoking hookah pipes/using smokeless tobacco… smoke your first hookah pipe/use your first smokeless tobacco 15 Using E-cigarettes/using smokeless tobacco. ..use your first E-cigarette/use your first smokeless tobacco 16 Smoking cigars/smoking regular pipes filled with tobacco/smoking hookah pipes… smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe 17 Smoking cigars/smoking regular pipes filled with tobacco/using E-cigarettes… smoke your first cigar/smoke your first regular pipe filled with tobacco/use your first E-cigarette 18 Smoking cigars/smoking regular pipes filled with tobacco/using smokeless tobacco… smoke your first cigar/smoke your first regular pipe filled with tobacco/use your first smokeless tobacco 19 Smoking cigars/smoking hookah pipes/using E-cigarettes…. smoke your first cigar/smoke your first hookah pipe/use your first E-cigarette 20 Smoking cigars/smoking hookah pipes/using smokeless tobacco…	1532-1533

NAME	SIZE	DESCRIPTION	LOCATION
		smoke your first cigar/smoke your first hookah pipe/use your first smokeless tobacco 21 Smoking cigars/using E-cigarettes/using smokeless tobacco… smoke your first cigar/use your first E-cigarette/use your first smokeless tobacco 22 Smoking regular pipes filled with tobacco/smoking hookah pipes/using E-cigarettes… smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette 23 Smoking regular pipes filled with tobacco/smoking hookah pipes/using smokeless tobacco… smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first smokeless tobacco 24 Smoking regular pipes filled with tobacco/using E-cigarettes/using smokeless tobacco… smoke your first regular pipe filled with tobacco/use your first E-cigarette/use your first smokeless tobacco 25 Smoking hookah pipes/using E-cigarettes/using smokeless tobacco…… smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco 26 Smoking cigars/smoking regular pipes filled with tobacco/ smoking hookah pipes/using E-cigarettes… smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette 27 Smoking cigars/smoking regular pipes filled with tobacco/ smoking hookah pipes/using smokeless tobacco… smoke your first cigar/smoke your first regular pipe filled with tobacco/ smoke your first hookah pipe/use your first smokeless tobacco 28 Smoking cigars/smoking regular pipes filled with tobacco/using E-cigarettes/using smokeless tobacco… smoke your first cigar/smoke your first regular pipe filled with tobacco/use your first E-cigarette/use your first smokeless tobacco 29 Smoking cigars/smoking hookah pipes/using E- cigarettes/using smokeless tobacco… smoke your first cigar/smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco 30 Smoking regular pipes filled with tobacco/smoking hookah pipes/using E-cigarettes/using smokeless tobacco… smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco 31 Smoking cigars/smoking regular pipes filled with tobacco/ smoking hookah pipes/using E-cigarettes/using smokeless tobacco… smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco	
PRJ3GF	2	Recode from fill in PEJ3g to determine which tobacco product is being discussed in PEJ3g VALID ENTRIES: -1 Not in universe	1534-1535

NAME	SIZE	DESCRIPTION	LOCATION
		1 Smoking cigars… smoke your first cigar	
		2 Smoking regular pipes filled with tobacco …smoke your first regular pipe filled with tobacco	
		3 Smoking hookah pipes… smoke your first hookah pipe	
		4 Using E-cigarettes… use your first E-cigarette	
		5 Using smokeless tobacco… use your first smokeless tobacco	
		6 Smoking cigars/smoking regular pipes filled with tobacco… smoke your first cigar/smoke your first regular pipe filled with tobacco	
		7 Smoking cigars/smoking hookah pipes… smoke your first cigar/smoke your first hookah pipe	
		8 Smoking cigars/using E-cigarettes… smoke your first cigar/use your first E-cigarette	
		9 Smoking cigars/using smokeless tobacco … smoke your first cigar/use your first smokeless tobacco	
		10 Smoking regular pipes filled with tobacco/smoking hookah pipes…smoke your first regular pipe filled with tobacco/smoke your first hookah pipe	
		11 Smoking regular pipes filled with tobacco/using E-cigarettes… smoke your first regular pipe filled with tobacco/use your first E-cigarette	
		12 Smoking regular pipes filled with tobacco/using smokeless tobacco…smoke your first regular pipe filled with tobacco/use your first smokeless tobacco	
		13 Smoking hookah pipes/using E-cigarettes… smoke your first hookah pipe/use your first E-cigarette	
		14 Smoking hookah pipes/using smokeless tobacco… smoke your first hookah pipe/use your first smokeless tobacco	
		15 Using E-cigarettes/using smokeless tobacco... use your first E-cigarette/use your first smokeless tobacco	
		16 Smoking cigars/smoking regular pipes filled with tobacco/ smoking hookah pipes… smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe	
		17 Smoking cigars/smoking regular pipes filled with tobacco/using E-cigarettes… smoke your first cigar/smoke your first regular pipe filled with tobacco/use your first E-cigarette	
		18 Smoking cigars/smoking regular pipes filled with tobacco/using smokeless tobacco… smoke your first cigar/smoke your first regular pipe filled with tobacco/use your first smokeless tobacco	
		19 Smoking cigars/smoking hookah pipes/using E-cigarettes... smoke your first cigar/smoke your first hookah pipe/use your first E-cigarette	
		20 Smoking cigars/smoking hookah pipes/using smokeless tobacco...smoke your first cigar/smoke your first hookah pipe/ use your first smokeless tobacco	
		21 Smoking cigars/using E-cigarettes/using smokeless tobacco... smoke your first cigar/use your first E-cigarette/use your first smokeless tobacco	
		22 Smoking regular pipes filled with tobacco/smoking hookah pipes/using E-cigarettes… smoke your first regular	

NAME	SIZE	DESCRIPTION	LOCATION
		pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette 23 Smoking regular pipes filled with tobacco/smoking hookah pipes/using smokeless tobacco...smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first smokeless tobacco 24 Smoking regular pipes filled with tobacco/using E-cigarettes/ using smokeless tobacco...smoke your first regular pipe filled with tobacco/use your first E-cigarette/use your first smokeless tobacco 25 Smoking hookah pipes/using E-cigarettes/using smokeless tobacco...smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco 26 Smoking cigars/smoking regular pipes filled with tobacco/ smoking hookah pipes/using E-cigarettes… smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette 27 Smoking cigars/smoking regular pipes filled with tobacco/ smoking hookah pipes/using smokeless tobacco… smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first smokeless tobacco 28 Smoking cigars/smoking regular pipes filled with tobacco/using E-cigarettes/using smokeless tobacco… smoke your first cigar/smoke your first regular pipe filled with tobacco/use your first E-cigarette/use your first smokeless tobacco 29 Smoking cigars/smoking hookah pipes/using E- cigarettes/using smokeless tobacco… smoke your first cigar/smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco 30 Smoking regular pipes filled with tobacco/smoking hookah pipes/using E-cigarettes/using smokeless tobacco...smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco 31 Smoking cigars/smoking regular pipes filled with tobacco/ smoking hookah pipes/using E-cigarettes/using smokeless tobacco...smoke your first cigar/smoke your first regular pipe filled with tobacco/smoke your first hookah pipe/use your first E-cigarette/use your first smokeless tobacco	
PRJ4F	2	Recode from fill in PEJ4 to determine which tobacco product is being discussed in PEJ4 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	1536-1537

NAME	SIZE	DESCRIPTION	LOCATION
PRJ6BNMF	2	Recode from fill in PEJ6bnum and PEJ6bunt to see which tobacco product is being discussed in PEJ6bnum and PEJ6bunt 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	1538-1539
PRSIFLG	2	Recode identifies person answering their own questions on the shorter proxy path. If PENXTPR3=3 SET PRSIFLG=1 ELSE IF (PENXTPR3=2 AND (PENXTPR5= PENXTPR)) SET PRSIFLG=2 VALID ENTRIES: -1 Not in universe 2Self-response, but went down proxy path	1540-1541
PWNRWGT	10	Nonresponse weight (4 implied decimal places)	1542-1551
PWSRWGT	10	Self response weight (4 implied decimal places)	1552-1561
PEELGFLG	2	VALID ENTRIES: -1 Not in Universe 1 Selected for Interview 4 Not Selected for Interview	1562-1563

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.

ATTACHMENT 8
SUPPLEMENT QUESTIONNAIRE

2018-2019 Tobacco Use Supplement to the Current Population Survey

JANUARY 2019 Fielding

Changes to the Universe of a few items (H11a,c,d and K6g) occurred across the 2018-19 survey wave. The May 2019 survey included a few items on heated tobacco products (K9INTRO, K9, K10) not previously included in July 2018 and January 2019. Please visit the NCI Tobacco Use Supplement to the current Population Survey (TUS-CPS) website for a single version that indicates all of the few differences among the 2018-19 wave- **https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/questionnaires.html** .

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.

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.**

FR: 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."

FR: 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 (F1) 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]

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.)

Is this a Self or Proxy response?

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

|_|

EPROXY DO NOT ASK

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

Are you currently talking to [fill name]?

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

|_|

NXTPER5 DO NOT ASK
ENTER LINE NUMBER OF CURRENT RESPONDENT
|__|__|

HOUSEHOLD ROSTER

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

SECTION A. SCREENING FOR EVER/EVERY DAY/SOMEDAY SMOKING

A1 (Have/Has) (you/name) smoked at least 100 cigarettes in (your/his/her) entire life?

FR: 100 CIGARETTES = APPROXIMATELY 5 PACKS

(1) YES
(2) NO

BOX 0
IF A1 = 1, THEN GO TO A2 IF A1 = 2, D OR R AND RESPONDENT IS BETWEEN AGE 18 AND 34, THEN GO TO A3 ELSE, IF A1 = 2, D OR R, THEN 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
ENTER AGE (01 – AGE)

|__|__|

[IF A2 = 0, GO TO A2a]
[IF A2 <= 5, GO TO A2v]
[IF A2 > 5, D OR R, GO TO A3]

A2v I have recorded that (you/name) (were/was) [fill entry A2] years old when (you/he/she) started smoking cigarettes fairly regularly. Is that correct?

(1) YES
(2) NO

|_|

[IF A2v = 1, GO TO A3]
[IF A2v = 2, 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):

|__|__|

[IF A2a > 5, D OR R, GO TO A3]
[IF A2a <= 5, GO TO A2av]

A2av I have recorded that (you/name) (were/was) [fill entry A2a years old) when you first smoked part or all of a cigarette. Is that correct?

(1) YES
(2) NO

|_|

[IF A2av = 1, GO TO A3]
[IF A2av = 2, GO TO A2a]

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 BETWEEN AGE 18 AND 34 WHO HAS NOT SMOKED 100+ CIGARETTES (A1 = 2, D OR R) AND:
A3 = (2) SOME-DAY SMOKERS OR D OR R, THEN GO TO SECTION C
A3 = (1) EVERY DAY SMOKERS OR (3) NOT-AT-ALL SMOKERS, THEN GO TO SECTION J

ELSE, 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?

FR: 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 OR R, GO TO B1a
IF B1 > 40, GO TO B1v
ELSE, GO TO B2

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

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

|_|

[GO TO B2]

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

(1) YES
(2) NO

|_|

[IF B1v = 1, D OR R, GO TO B2]
[IF B1v = 2, GO BACK TO B1 AND CORRECT]

B2 Do you usually smoke menthol or non-menthol cigarettes?

(1) MENTHOL
(2) NON-MENTHOL
(3) NO USUAL TYPE

|_|

B5a How soon after you wake up do you typically smoke your first cigarette of the day?

FR: IF NECESSARY, 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 OR R, GO TO B5b ELSE, GO TO BA6a

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

(1) YES
(2) NO
(3) VARIES— DO NOT READ

|_|

[GO TO BA6a]

BA6a Do you USUALLY BUY your own cigarettes?

(1) YES
(2) NO

|_|

[IF BA6a = 1, GO TO B6a]
[IF BA6a = 2, D OR R, 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, 3, D OR R, GO TO B6b
IF B6a = 2, GO TO B6c

B6b/B6b2 What price did you pay for the LAST PACK of cigarettes you bought? Please report the cost after using discounts or coupons.

FR: "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]

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," ENTER "DOLLARS" ON THE FIRST SCREEN (B6c) AND ENTER "CENTS" ON THE NEXT SCREEN (B6c2)

B6c $_ _ _(0-999)
B6c2 ._____(0-99)

[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 D or R, fill "PACK"; =2, fill "CARTON") of cigarettes?

(1) YES
(2) NO

|_|

[GO TO B6d]

B6d/B6d1 Did you buy your LAST (fill appropriate term here from B6a responses…=1 or 3 or D 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, GO TO B6d3
IF B6d = 2, GO TO B6d2
IF B6d=3, GO TO B6dOTH
ELSE, GO TO B6e1

B6d2 In what other state did you buy your LAST (fill appropriate term here from B6a responses …= 1, 3, D 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, D or R, fill "PACK"; = 2, fill "CARTON") of cigarettes from an Indian reservation?

(1) YES
(2) NO

[GO TO B6e1]

B6dOTH Was the "Other Way" in which you purchased your LAST (fill appropriate term here from B6a responses …= 1, 3, D or R, fill "PACK"; = 2 fill "CARTON") of cigarettes:

FR: 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
(2) NO

|_|

[IF B6e1 = 1, GO TO B6e31]
[IF B6e1 = 2, D OR R, GO TO B6e4]

B6e31 Did you buy your LAST SINGLE or INDIVIDUAL cigarette in (fill respondent's state of residence) or in some other state or other country?

(1) In respondent's state of residence
(2) In some other state (including DC)
(3) In another country
(4) BOUGHT SOME OTHER WAY (INTERNET, ETC.)

|__|

BOX 7B
IF B6e31 = 1, ENTER AUTOMATICALLY RESPONDENT'S STATE OF RESIDENCE IN B6e32, GO TO B6e4
ELSE IF B6e31 = 2 OR 3, GO TO B6e32
ELSE, GO TO B6e4

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 B6e4]

B6e4 In the LAST 2 months, have you bought loose tobacco to roll-your-own cigarettes?

(1) YES
(2) NO

|_|

[GO TO B7c]

<u>Past Smoking Behavior for Everyday Smokers</u>

B7c For how long have you smoked EVERY DAY?

FR: 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]
[IF B2 = 2, 3, D OR R, 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?

FR: 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
(2) SOME DAYS
(3) NOT AT ALL

|_|

[IF B8 = 1, GO TO B9]
[IF B8 = 2, GO TO B10A]
[IF B8 = 3, D OR 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?

FR: 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 OR R, GO TO D1R (3rd QUESTION IN QUIT ATTEMPT SECTION) IF B9 > 40, GO TO B9v ELSE, 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

|_|

[IF B9v = 2, GO BACK TO B9 AND CORRECT]
[IF B9v =1, D OR 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?

FR: ENTER (0) FOR NONE

|__|__| Range 0-30

BOX 7D
IF B10a = 0 OR 30, GO TO B10av ELSE, GO TO B10b

B10av You said that you smoked cigarettes some days. Is that correct?

(1) YES
(2) NO

|_|

BOX 7E
IF (B10av = 1 AND B10a = 30), OR B10av = D, R, GO TO B10b IF B10av = 1 AND B10a = 0, GO TO D1R (3rd QUESTION IN QUIT ATTEMPT SECTION) IF B10av = 2, GO BACK TO B8 AND CORRECT

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?

FR: WE ARE STILL TALKING ABOUT "AROUND THIS TIME 12 MONTHS AGO"

|__|__| (1-99)

[IF B10b > 40, GO TO B10bv]
[ELSE, GO TO 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

|_|

[IF B10bv = 2, GO BACK TO B10b AND CORRECT]
[ELSE, EVERY-DAY SMOKERS (A3 = 1) GO TO D1R (3rd QUESTION IN QUIT ATTEMPT SECTION)]

SECTION C. SOME-DAY SMOKER SERIES

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

FR: ENTER (0) FOR NONE

|__|__| (0-30)

BOX 9
IF RESPONDENT BETWEEN AGE 18 AND 34 WHO HAS NOT SMOKED 100+ CIGARETTES (A1 = 2, D OR R) AND NOW SMOKES SOME DAYS (A3 = 2, D OR R), GO TO SECTION J
ELSE, IF C1 = 0 OR 30, GO TO C1v ELSE, IF C1 = D OR R, GO TO C1i ELSE, GO TO C1a

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

(1) YES
(2) NO

|__|

BOX 10
IF C1v = 1 AND C1 = 30, GO TO C1a IF C1v = 1 AND C1 = 0, GO TO C2 IF C1v = 2, GO TO A3 IF C1v = D OR R, GO TO C1a

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

(1) YES
(2) NO

|_|

C1a On the average, on those [C1 days IF entry for C1 NE D/R, OR "AT LEAST 12 days" IF C1i = 1 YES] days, how many cigarettes did you usually smoke each day?

|__|__| IF < = (LESS THAN OR EQUAL TO) 40, THEN GO TO C2

[IF C1a > 40, GO TO C1av]
[IF C1a = D OR R, 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
(2) NO

|_|

[IF C1av = 1, D OR R, GO TO C2]
[IF C1av = 2, GO TO C1a]

C2 Do you usually smoke menthol or non-menthol cigarettes?

(1) MENTHOL
(2) NON-MENTHOL
(3) NO USUAL TYPE

|_|

[GO TO C5a]

C5a On the days that you smoke, how soon after you wake up do you typically smoke your first cigarette of the day?
FR: IF NECESSARY, 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 OR R, GO TO C5b ELSE, GO TO CA6a

C5b On the days that you smoke, would you say you smoke your first cigarette of the day within the first 30 minutes?

(1) YES
(2) NO
(3) VARIES— DO NOT READ

|_|

[GO TO CA6a]

CA6a Do you USUALLY BUY your own cigarettes?

(1) YES
(2) NO

|_|

[IF CA6a = 1, GO TO C6a]
[IF CA6a = 2, D OR R, 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, 3, D OR R, GO TO C6b
IF C6a = 2, GO TO C6c

C6b/C6b2 What price did you pay for the LAST PACK of cigarettes you bought? Please report the cost after using discounts or coupons.

FR: PRICE PER PACK

$_____C6b (0-99) ENTER DOLLARS PORTION OF THE PRICE PER PACK
._____C6b2 (0-99) ENTER THE CENTS PORTION OF THE PRICE PER PACK

[GO TO 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
._ C6c2 (0-99) ENTER THE CENTS PORTION OF THE PRICE PER CARTON

[GO TO C6c4]

C6c4 Did you use coupons, rebates, or any other special promotions when you bought your LAST (fill appropriate term here from C6a responses…= 1 or 3 or D or R, fill "PACK"; = 2, fill "CARTON") of cigarettes?

(1) YES
(2) NO

|_|

[GO TO C6d1]

C6d1 Did you buy your LAST (fill appropriate term here from C6a responses …= 1, 3, D 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, GO TO C6d3
ELSE IF C6d1 = 2, GO TO C6d2
ELSE IF C6d1 = 3, GO TO C6dOTH
ELSE, GO TO C6e1

C6d2 In what other state did you buy your LAST (fill appropriate term here: pack/carton from C6a responses … = 1, 3, D 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, D or R, fill "PACK"; = 2, fill "CARTON") of cigarettes from an Indian reservation?

(1) YES
(2) NO

|_|

[GO TO C6e1]

C6dOTH Was the "Other Way" in which you purchased your LAST (fill appropriate term here from C6a responses …= 1, 3, D or R, fill "PACK"; = 2, fill "CARTON") of cigarettes…

FR: 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)
(2) NO (DID NOT BUY)

[IF C6e1 = 1, GO TO C6e31]
[IF C6e1 = 2, D OR R, GO TO C6e4]

C6e31 Did you buy your LAST SINGLE or INDIVIDUAL cigarette in [fill respondent's state of residence] or in some other state or other country?

(1) IN RESPONDENT'S STATE OF RESIDENCE
(2) IN SOME OTHER STATE (INCLUDING DC)
(3) IN ANOTHER COUNTRY
(4) BOUGHT SOME OTHER WAY (INTERNET, ETC…)

|__|

BOX 15B
IF C6e31 =1, ENTER AUTOMATICALLY RESPONDENT'S STATE OF RESIDENCE IN C6e32, GO TO C6e4
IF C6e31 = 2 OR 3, GO TO C6e32
ELSE, GO TO C6e4

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 C6e4]

C6e4 In the LAST 2 months, have you bought loose tobacco to roll-your-own cigarettes?

(1) YES
(2) NO

|_|

[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
(2) NO

|_|

[IF C7a = 1, GO TO C7d]
[IF C7a = 2, D OR R, AND IF C2 = 1, GO TO C7d3]
[ELSE IF C7a = 2, D OR R, AND C2 = 2, 3, D OR R, GO TO C7d2]

C7d For how long did you smoke EVERY DAY?

FR: 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]
[IF C2 = 2, 3, D OR R, 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”]
[IF C7a = 2, D OR R, 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?

FR: 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, D OR R, GO TO C8]
[ELSE, GO TO C7e]

C7e When you last smoked every day, on average how many cigarettes did you smoke each day?

FR: ENTER NUMBER OF CIGARETTES EACH DAY

|__|__| (1-99)

[IF C7e < = 40, GO TO C8]
[IF C7e > 40, GO TO C7ev]
[IF C7e = D OR R, 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
(2) NO

|_|

[IF C7ev = 1, D OR R, GO TO C8]
[IF C7ev = 2, GO TO C7e]

C8 Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?

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

|_|

[IF C8 = 1, GO TO C9]
[IF C8 = 2, GO TO C10a]
[IF C8 = 3, D OR R, GO TO BOX 18]

C9 Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?

FR: 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 OR R, GO TO BOX 18
IF C9 > 40, GO TO C9v
ELSE, GO TO BOX 18

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

(1) YES
(2) NO

|_|

[IF C9v = 1, D OR R, GO TO BOX 18]
[IF C9v = 2, GO TO C9]

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

FR: ENTER (0) FOR NONE

|__|__| (0 – 30)

BOX 16C
IF C10a = 0 OR 30, GO TO C10av If C10a = D OR R, GO TO C10b ELSE, GO TO C10b

C10av You said that you smoked cigarettes some days. Is that correct?

(1) YES
(2) NO

|__|

BOX 16D
IF (C10av = 1 AND C10a= 30), OR C10av = D OR R, GO TO C10b ELSE, IF C10av = 1 AND C10a = 0, GO TO BOX 18 ELSE, IF C10av = 2, GO TO C8 AND CORRECT ELSE, GO TO C10b

C10b On the average, on those [fill entry C10a days; If C10a=D OR 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 C10b < = 40, GO TO BOX 18]
[IF C10b > 40, GO TO C10bv]
[IF C10b = D OR R, GO TO BOX 18]

C10bv I have recorded that on the average, when you smoked on those [fill entry C10a days; If C10a = D OR R, then fill with "days you smoked"], you smoked [fill entry C10b] cigarettes a day. Is that correct?

(1) YES
(2) NO

|__|

[IF C10bv = 2, GO TO C10b AND CORRECT]

BOX 18
IF ENTRY IN C1 > = 12 DAYS IN THE PAST 30 DAYS, GO TO D1R (3rd question in Section D) ELSE, IF C1i = 1, GO TO D1R (3rd question in Section D) ELSE, IF ENTRY IN C1 < 12, GO TO Da ELSE, IF C1i = 2, D OR R, GO TO Da

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

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

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

(1) YES
(2) NO

|_|

[IF Da = 1, GO TO D3b]
[IF Da = 2, D OR R, GO TO Db]

Db **Have you EVER TRIED to QUIT smoking COMPLETELY?**

(1) YES
(2) NO

|_|

[GO TO F1a]

PAST 12-MONTH QUIT ATTEMPTS FOR EVERY-DAY AND SOME-DAY SMOKERS >=12 DAYS DURING THE PAST 30DAYS

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
(2) NO

|_|

[IF D1R = 1, GO TO D3]
[IF D1R = 2, D OR R, 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 = D OR R, GO TO D3b
ELSE, IF D3 = 1, GO TO D6
ELSE, IF D3 = 2 OR 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 = D OR R, GO TO D6b
IF D6num >18 AND D6unt = 2, GO TO D6v
IF D6num > 12 AND D6unt=3, GO TO D6v
IF D6num >2 AND D6unt = 4, GO TO D6v
ELSE, GO TO SECTION E

D6v **I have recorded that the 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
(2) NO

|_|

[IF D6v = 1, GO TO SECTION E BOX 21]
[IF D6v = 2, GO TO D6num]

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 = D OR R, 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
(2) NO

|_|

[IF D6cv = 1, GO TO SECTION E BOX 21]
[IF D6cv = 2, GO TO D6cnum]

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
(2) NO

|_|

[IF D7R = 1, GO TO SECTION E, BOX 21]
[IF D7R = 2, D OR R, 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
(2) NO

|_|

[GO TO F1a]

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

BOX 21
IF D3 = 1, THEN FILL ALL OF E1a, E1b, E1c SERIES WITH "The time" ELSE, FILL ALL OF E1a, E1b, E1c SERIES WITH "The LAST TIME"

E1a Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months:

Did you use ANY of the following PRODUCTS:

(1) YES
(2) NO

E1a123 |_| A NICOTINE ….. patch, gum, lozenge, nasal spray or inhaler?

FR: REPEAT THE WORD "NICOTINE" AS NEEDED FOR EACH OF THOSE NICOTINE PRODUCTS

E1a7ab |_| A prescription pill, called Chantix, Varenicline, Zyban, Bupropion, or Wellbutrin?

FR: CHANTIX IS PRONOUNCED ["CHAN-tix"] AND VARENICLINE IS PRONOUNCED ["va-REN-i-cleen"].
FR: ZYBAN IS PRONOUNCED ["ZYE-ban"], BUPROPION IS PRONOUNCED ["byoo-PROE-pee-on"] AND WELLBUTRIN IS PRONOUNCED ["well-byoo-trin"].

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?

E1b2 |_| One-on-one IN-PERSON counseling by a health professional?

E1b3 |_| A stop smoking clinic, class, or support group?

E1b5 |_| Internet or web-based program or tool including smartphone apps and text messaging programs?

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

FR: FOR THIS QUESTION, RE-READ STEM PERIODICALLY

(1) YES
(2) NO

E1c2 **|_| Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff, or snus?**
FR: PRONOUNCE "SNUS" TO RHYME WITH "GOOSE."

E1c2b |_| Try to quit by SWITCHING to regular cigars, cigarillos, little filtered cigars or ANY pipes filled with tobacco?
FR: 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. ALSO, CIGARS SHOULD BE FILLED WITH TOBACCO.

[IF E1c2b = 2, D OR 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, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE "JEWEL"*).

[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, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE "JEWEL"*).

(1) YES
(2) NO

|_|

[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: RESPONDENTS SHOULD ANSWER "YES" IF THEY VISITED THEIR DOCTOR FOR ANY MEDICAL REASON (NOT ONLY FOR SMOKING RELATED REASONS).

(1) YES
(2) NO

|_|

[IF F1a = 1, GO TO F1b]
[IF F1a = 2, D OR R, GO TO G1]

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

(1) YES
(2) NO

|_|

[GO TO G1]

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

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

(1) YES
(2) NO

|_|

[IF G1 = 1, GO TO G2]
[IF G1 = 2, D OR R, GO TO G3]

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

(1) YES
(2) NO

|_|

[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?

FR: Enter a numeric value between 1 and 10.

|__|

[IF G3 = 1, GO TO SECTION J]
[ELSE, GO TO G4]

G4 If you did try to quit smoking altogether in the next 6 months, how LIKELY do you think you would be to succeed --- not at all, a little likely, somewhat likely or very likely?

(1) NOT AT ALL
(2) A LITTLE LIKELY
(3) SOMEWHAT LIKELY
(4) VERY LIKELY

|_|

[ALL EVERY DAY/SOME DAY SMOKERS (A3 = 1 OR 2) GO TO SECTION J]

SECTION H. FORMER SMOKER SECTION

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 *** FR 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
(2) NO

|_|

[IF H1v = 1 AND IF H1NUM/UNT IS LESS THAN 5 MONTHS (OR EQUIVALENT), GO TO H1B]
[ELSE IF H1v = 1, GO TO H2]
[IF H1v = 2, GO TO H1NUM]

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

|_|

[IF H1B = 2, GO TO H1C]
[ELSE, IF H1B = 1, D OR R, 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: 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 = D OR R, 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

|_|

[IF H1Cv = 1, GO TO H2]
[IF H1Cv = 2, GO TO H1Cnum]

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

(1) YES
(2) NO

|_|

[IF H2 = 1, GO TO H5]
[IF H2 = 2, D OR R, GO TO BOX 26]

H5 For how long did you smoke EVERY DAY?

FR: 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?

FR: ENTER NUMBER OF CIGARETTES EACH DAY

|__|__| (1-99)

[IF H5a < = 40, D OR R, GO TO BOX 26
[IF H5a > 40, GO TO H5av]

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
(2) NO

|__|

[IF H5av = 1, GO TO BOX 26]
[IF H5av = 2, GO TO H5a]

BOX 26
IF H1 < = (LESS THAN OR EQUAL TO) 1 YEAR (12 MONTHS, 52 WEEKS, 99 DAYS), GO TO H6 ELSE, GO TO H11a

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

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

|_|

[IF H6 = 1, GO TO H6A]
[IF H6 = 2, GO TO H6B]
[IF H6 = 3, D OR R, GO TO H6C2]

H6A Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?

FR: 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 26A
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
(2) NO

|_|

[IF H6Av = 1, GO TO H6C2]
[IF H6Av = 2, GO TO H6A TO CORRECT]

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

FR: 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, 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 H6C < = 40, D OR 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

|_|

[IF H6Cv = 2, GO TO H6C]
[IF H6Cv = 1, GO TO H6C2]

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]
[IF H6C2 = 2, 3, D OR R, GO TO H6C4]

H6C4 Have you EVER smoked MENTHOL cigarettes for 6 months or more?

(1) YES
(2) NO

|_|

[IF H6C4 = 1, GO TO H6C5]
[ELSE, GO TO H6d]

H6C5 For how long did you smoke MENTHOL cigarettes?

FR: 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

|_|

H6d Now I would like to ask about HOW you went about completely quitting smoking. When you quit smoking completely, did you use ANY of the following PRODUCTS:

(1) YES
(2) NO

H6d123 |_| A NICOTINE…patch, gum, lozenge, nasal spray or inhaler?
FR: REPEAT THE WORD "NICOTINE" *AS NEEDED* FOR EACH OF THOSE NICOTINE PRODUCTS

H6d7ab |_| A prescription pill, called Chantix, Varenicline, Zyban, Bupropion, or Wellbutrin?
FR: CHANTIX IS PRONOUNCED ["CHAN-tix"] AND VARENICLINE IS PRONOUNCED ["va-REN-i-cleen"] ZYBAN IS PRONOUNCED ["ZYE-ban"], BUPROPION IS PRONOUNCED ["byoo-PROE-pee-on"] AND WELLBUTRIN IS PRONOUNCED ["well-byoo-trin"].

H6e1 When you quit smoking completely, did you use ANY of the following:

(1) YES
(2) NO

H6e1 |_| A telephone help line or quit line?

H6e2 |_| One-on-one IN-PERSON counseling by a health professional?

H6e3 |_| A stop smoking clinic, class, or support group?

H6e5 |_| Internet or a web-based program or tool including smartphone apps and text messaging programs?

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

H6Fa2 |_| Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff, or snus?
FR: PRONOUNCE "SNUS" TO RHYME WITH "GOOSE."

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. ALSO, CIGARS SHOULD BE FILLED WITH TOBACCO.

[IF H6Fa2b = 2, D OR 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, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE "JEWEL"*).

[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, e-hookahs, vapes or mods. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE "JEWEL"*).

(1) YES
(2) NO

|_|

[GO TO H61a]

H61a In the 12 MONTHS BEFORE you COMPLETELY quit smoking, did you SEE a medical doctor?

FR: RESPONDENTS SHOULD ANSWER "YES" IF THEY VISITED THEIR DOCTOR FOR ANY MEDICAL REASON (NOT ONLY FOR SMOKING RELATED REASONS).

(1) YES
(2) NO

|_|
[IF H61a = 1, GO TO H61b]
[IF H61a = 2, D OR R, 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?

FR: IF NECESSARY, ASK FOR BEST ANSWER IN MINUTES OR HOURS
ENTER (0) IF RESPONDENT INSISTS IT VARIES

H8aNUM ENTER NUMBER

|__|__| (0 – 90)

H8aUNT ENTER UNIT REPORTED
(1) MINUTES
(2) HOURS

|_|

BOX 29
IF H8aNUM = 0, D OR 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 1 year ago (or EQUIVALENT), OR H1 = D, R -- as indicated in Box 26. NOTE, in January 2019 IF H2 = 1, H11a,c,d were NOT asked (also not asked in July 2018).]

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]
[IF H11a =2, 3, D OR R, GO TO H11c]

H11c Have you EVER smoked MENTHOL cigarettes for 6 months or more?

(1) Yes
(2) No

|_|

[IF H11c= 1, GO TO H11d]
[ELSE, GO TO SECTION J]

H11d For how long did you smoke MENTHOL cigarettes?

FR: 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

|_|

[SKIP TO SECTION J]

SECTION J. OTHER TOBACCO USE – ALL RESPONDENTS

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

PRESS 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: IF ASKED, "cigar smoking" ONLY INCLUDES CIGAR TOBACCO. IT DOES NOT INCLUDE SMOKING CIGARS ONLY WITH MARIJUANA (OR "BLUNTS"), HASHISH OR OTHER SUBSTANCES.

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 **2 OR 3.** 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, WINCHESTER AND CHEYENNE LITTLE FILTERED 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, "**water pipe or hookah {who -kah} pipe smoking**" ONLY INCLUDES PIPE TOBACCO. IT DOES NOT 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, e-hookahs, vapes or mods. Some look like cigarettes, and others look like pens or are rectangular or box-shaped. These are battery-powered, usually contain liquid nicotine, and produce vapor instead of smoke. Some popular brands include NJOY, Blu, Logic, Vuse and JUUL (*PRONOUNCED LIKE "JEWEL"*).

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 TANKS. THESE ITEMS CONTAIN A NICOTINE AND/OR FLAVORED LIQUID. SOME OF THESE PRODUCTS LOOK LIKE REGULAR CIGARETTES OR PENS, AND SOME ARE RECTANGULAR OR BOX-SHAPED. POPULAR BRANDS INCLUDE NJOY, BLU, LOGIC VUSE, AND JUUL (*PRONOUNCED LIKE "JEWEL).*

FR: 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: **Snuff or dip** IS COMMONLY PLACED BETWEEN THE GUM AND LIP AND SOLD IN ROUND CANS IN --A LOOSE FORM OR A POUCH THAT LOOKS LIKE A SMALL TEA-BAG; COMMON BRANDS ARE SKOAL, COPENHAGEN AND GRIZZLY 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- GARRETT, 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 EVEN ONE TIME?

(1) YES
(2) NO

|__|

BOX 31
IF (J1a1 THROUGH J1a5 = NO, D 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), GO TO 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

|_|

[IF J2A3V = 2, GO TO J2A2 AND J2A3 TO CORRECT AND THEN PROCEED TO BOX 33]

BOX 33

IF J2a = 1 OR 3:
IF PROXY: IF LAST ENTRY FROM J1a –> GO TO S78
ELSE REPEAT J2a FOR NEXT YES ENTRY IN 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 J2a1-4=3 (NOT AT ALL), ASK HOW LONG HAS IT BEEN SINCE YOU COMPLETELY STOPPED SMOKING // USING… CIGARS / PIPES // E-CIGARETTES / SMOKELESS TOBACCO, GO TO Jd1/2.

FOR J2a5=3 (DISSOLVABLE TOBACCO=NOT AT ALL), GO TO SECTION K AFTER FOLLOWING THE APPROPRIATE SKIP PATTERNS FOR J2a1-4.

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 = D OR R (-2 or -3), GO BACK TO J2a for next item (ie. pipes, etc.)
IF J2a = D OR R (-2 or -3) AND IF LAST ENTRY FROM J1a1-5, THEN GO TO BOX 34

J2b/J2b1-5 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 OR 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, GO TO JNflavr. [NO FURTHER QUESTIONS ARE ASKED ABOUT DISSOLVABLE USE.] ELSE IF DISSOLVABLES IS THE ONLY NON-CIGARETTE TOBACCO PRODUCT EVER USED (J1a5 = 1), GO TO SECTION K.

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, GO TO JNflavr.] NO FURTHER QUESTIONS ARE ASKED ABOUT DISSOLVABLE USE. ELSE IF DISSOVABLES ARE THE ONLY NON-CIGARETTE TOBACCO PRODUCT EVER USED, GO TO SECTION K.

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]

|__|__| (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?

FR: 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 (1-22). ENTER 22 FOR OTHER BRAND NOT ON THE LIST

|_|

THE UNREAD CODES FOR INTERVIEWER ENTRY ARE:

1 305'S
2 AL CAPONE
3 ANTONIO Y CLEOPATRA
4 ARTURO FUENTE
5 BACKWOODS
6 BLACK & MILDS
7 COHIBA
8 CHEYENNE
9 DJARUM
10 DUTCH MASTERS
11 GARCIA Y VEGA

12 GOOD TIMES
13 MACANUDO
14 HAV-A-TAMPA
15 PHILLIES
16 PRIME TIME
17 SANTA FE
18 SMOKER'S CHOICE
19 SWISHER SWEETS
20 WHITE OWL
21 ZIG ZAG
22 OTHER

[IF Jc = 22, 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, J2a1-4 = 1 OR 2, ASK Jnflvr (1-4) AND/OR Jnflv35 SEPARATELY, AND AS APPROPRIATE FOLLOW UP WITH--JnflvrA (for CIGARS, PIPES, SMOKELESS), OR for E-CIGARETTES- JnfvA35 OR JnfvB35 DIRECTLY AFTER ASKING Jnflvr (1-4) OR Jnflv35 BEFORE ASKING ABOUT THE NEXT TOBACCO PRODUCT (Jnflvr (1-4) or Jnflv35).

READ THE JnflvIN ONLY ONCE IF THERE ARE ANY J2a1-4 = 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) 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 (for Jnflvr4)] …is it usually flavored?

(1) YES
(2) NO

|_|

[IF Jnflvr(1-3, 4) = 1 OR D, GO TO JnflvA(1-3, 4)_b-d SERIES]
[IF Jnflvr(1-3, 4) = 2 OR R, GO TO BOX Jd]
[IF Jnflv35 = 1 OR D, GO TO JnfvA35_a-d SERIES]
[IF Jnflv35 = 2 OR R, GO TO JnfvB35]

JnflvA (1-4) Is it usually …..

(1) YES
(2) NO

|_| **(b) Menthol or mint flavored?**

|_| **(c) Flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate?**

|__| **(d) Some other type of flavor? [IF YES, SPECIFY:_____]**

[CONTINUE THE RELEVANT FLAVOR SERIES FOR THE NEXT J2a(1-3, 3.5, 4) = 1, 2.
IF THIS IS THE LAST J2a (1-3, 4) = 1 OR 2, AND J2a3.5 NE 1 OR 2, GO TO BOX Jd.
ELSE, IF E-CIGARETTES ARE CURRENTLY USED (J2a3.5 = 1 OR 2) AND HAVE EVER SMOKED 100+ CIGARETTES (A1=1, D, OR R), GO TO Jeciga AND ASK Jecig(a,d).
ELSE IF E-CIGARETTES ARE CURRENTLY USED (J2a3.5 = 1 OR 2), GO TO Jecig2.
ELSE, GO TO BOX Jd]

JnfvA35 Is it usually …..

(1) YES
(2) NO

|_| **(a) Tobacco flavored?** [NOTE: THIS ITEM IS ASKED ONLY FOR E-CIGS]

|_| **(b) Menthol or mint flavored?**

|_| **(c) Flavored like clove, spice, herb, fruit, alcohol, candy, sweets, or chocolate?**

|__| **(d) Some other type of flavor? [IF YES, SPECIFY:_____]**

[WHEN FINISHED ASKING THE APPROPRIATE FLAVOR SERIES FOR ALL J2a (1-3, 3.5, 4) = 1, 2, - IF E-CIGARETTES ARE CURRENTLY USED (J2a3.5 = 1 OR 2) AND HAVE EVER SMOKED 100+ CIGARETTES (A1=1, D, OR R), GO TO Jeciga AND ASK Jecig(a,d)]
[ELSE IF E-CIGARETTES ARE CURRENTLY USED (J2a3.5 = 1 OR 2), GO TO Jecig2]
[ELSE, GO TO BOX Jd]

JnfvB35 When you use an e-cigarette, is it usually tobacco flavored?

(1) YES
(2) NO

|_|

[WHEN FINISHED ASKING THE APPROPRIATE FLAVOR SERIES FOR ALL J2a (1-3, 3.5, 4) = 1, 2, - IF E-CIGARETTES ARE CURRENTLY USED (J2a3.5 = 1 OR 2) AND HAVE EVER SMOKED 100+ CIGARETTES (A1=1, D, OR R), GO TO Jeciga AND ASK Jecig(a,d)]
[ELSE IF E-CIGARETTES ARE CURRENTLY USED (J2a3.5 = 1 OR 2), GO TO Jecig2]

[ELSE, GO TO BOX Jd]

Jeciga Do you use e-cigarettes because you can use them at times when or in places where smoking cigarettes isn't allowed?

FR: E-CIGARETTES CAN ALSO BE CALLED VAPE-PENS, E-HOOKAHS, VAPES OR MODS. POPULAR BRANDS INCLUDE NJOY, BLU, LOGIC, VUSE, AND JUUL (PROUNOUNCED LIKE "JEWEL").

(1) YES
(2) NO

|_|

Jecigd Do you use e-cigarettes to help you quit smoking cigarettes?

(1) YES
(2) NO

|_|

Jecig2 Which of the following best describes the type of e-cigarette you currently use? If you use more than one type, please think of the one you use most often.

(1) A disposable e-cigarette,
FR: IF NEEDED, DISPOSABLE E-CIGARETTES ARE ONE-TIME USE PRODUCTS THAT ARE NOT RECHARGEABLE.
(2) An e-cigarette that uses REPLACEABLE PREFILLED CARTRIDGES,
(3) An e-cigarette with a TANK that you REFILL with LIQUIDS,
(4) A mod system, or
FR: IF NEEDED, A MOD SYSTEM IS CUSTOMIZED BY THE USER WITH THEIR OWN COMBINATION OF BATTERIES, ATOMIZERS, ETC.
(5) You don't know the type?

|_|

BOX J

FILL INSTRUCTIONS FOR JECIG3 AND JECIG4:

IF Jecig2 = 1, 5, D OR R, display "e-cigarettes" for Disposable and Unknown device users

IF Jecig2 = 2, display "e-cigarette cartridges" for Cartridge device users

IF Jecig2 = 3 OR 4, display "e-liquid" for Tank and Mod System device users

Jecig3 Do you usually buy your own {e-cigarettes / e-cigarette cartridges / e-liquid}?

(1) Yes
(2) No

|_|

[IF Jecig3 = 2, D OR R, GO TO BOX Jd]

Jecig4 How do you usually buy your own {e-cigarettes / e-cigarette cartridges / e-liquid}…

(1) In person,
(2) From the internet,
(3) By telephone, or
(4) Some other way (SPECIFY:_____)

|_|

BOX K

FILL INSTRUCTIONS FOR JCOST1:

IF Jecig2 = 1, 5, D OR R, display "e-cigarettes" and "single e-cigarettes" for Disposable and Unknown device users

IF Jecig2 = 2, display "e-cigarette cartridges" and "single e-cigarette cartridges" for Cartridge device users

IF Jecig2 = 3 OR 4, display "bottles of e-liquid" and "a single bottle of e-liquid" for Tank and Mod System device users

Jcost1 Do you usually buy {e-cigarettes / e-cigarette cartridges / bottles of e-liquid} by the box or pack, or as {single e-cigarettes / single e-cigarette cartridges / a single bottle of e-liquid}?

(1) BOX OR PACK
(2) SINGLES

|_|

[IF Jcost1 = 1, GO TO Jcost2]
[ELSE, GO TO Jcost4]

Cost questions for box/pack purchasers (Jcost1 = 1)

BOX L

FILL INSTRUCTIONS FOR JCOST2 AND JCOST3:

IF Jecig2 = 1, 5, D OR R, display "e-cigarettes" for Disposable and Unknown device users

IF Jecig2 = 2, display "e-cigarette cartridges" for Cartridge device users

IF Jecig2 = 3 OR 4, display "bottles of e-liquid" for Tank and Mod System device users

Jcost2 What price did you pay for the LAST BOX OR PACK of {e-cigarettes / e-cigarette cartridges / bottles of e-liquid} you bought? Please report the cost after using discounts or coupons.

FR: "PRICE PER BOX OR PACK," ENTER "DOLLARS" ON THE FIRST SCREEN (Jcost2) AND ENTER "CENTS" ON THE NEXT SCREEN (Jcost2a)

Jcost2 $_(0-999)
Jcost2a **.____**(0-99)

Jcost3 How many {e-cigarettes / e-cigarette cartridges / bottles of e-liquid} came in the LAST BOX OR PACK you bought?

ENTER NUMBER
|__|__|

[IF Jecig2 =3 OR 4, GO TO Jcost5]
[ELSE, GO TO BOX Jd]

Cost questions for single purchasers (Jost1 = 2, D OR R)

BOX M

FILL INSTRUCTIONS FOR JCOST4:

IF Jecig2 = 1, 5, D OR R, display "e-cigarette" for Disposable and Unknown device users

IF Jecig2 = 2, display "e-cigarette cartridge" for Cartridge device users

IF Jecig2 = 3 OR 4, display "bottle of e-liquid" for Tank and Mod System device users

Jcost4 What price did you pay for the LAST {e-cigarette / e-cigarette cartridge / bottle of e-liquid} you bought? Please report the cost after using discounts or coupons.

FR: "PRICE PER SINGLE," ENTER "DOLLARS" ON THE FIRST SCREEN (Jcost4) AND ENTER "CENTS" ON THE NEXT SCREEN (Jcost4a)

Jcost4 $_(0-999)
Jcost4a **.____**(0-99)

[IF (Jecig2 = 3 OR 4) AND (Jecig3 = 1), GO TO Jcost5]
[ELSE, GO TO BOX Jd]

Jcost5 How many MILLILITERS of liquid were in a SINGLE bottle you LAST bought?
FR: IF NEEDED - Common sizes are 5, 15, 30, 60, and 120.

|__|__||__| ENTER NUMBER (3 digits)

BOX Jd

FOR EACH ENTRY J2a1-4 = 3 (NOT AT ALL), GO TO Jd1/2_1-4; ELSE GO TO Jd3.

FR NOTE: IF RESPONDENT HAS INDICATED THAT THE PRODUCT WAS ONLY USED ONCE OR TWICE, ENTER "CTRL-R_2," AND DO NOT ASK JD1/2 FOR THAT PRODUCT.

Jd1/2_1-4 About how long has it been since you COMPLETELY quit smoking//using -- cigars, cigarillos, or little filtered cigars /a regular pipe filled with tobacco / a water pipe or hookah {who-kah} pipe filled with tobacco // E-cigarettes /smokeless tobacco?

Jd11/2/3/3.5 /4 |__|__| NUMBER (1-99)
Jd2 1/2/3/3.5/4 |_| 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.
ASK Jd3 SEPARATELY FOR EACH J1a1-4 = 1 (YES) AND J2a1-4 = 1, 2, or 3.

Jd3 In total, how many years [fill "have you smoked/used" when J2a1-4 = 1 or 2 / "did you smoke/use" when J2a1-4 = 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 (fill as appropriate from J1a1-4)?

ENTER 0 FOR LESS THAN ONE YEAR

Jd3 1,2,3,3.5,4 |__|__| (0-99) years

[ASK Jfecgr(a, d) FOR THOSE WITH J2a3.5 = 3 AND A1 = 1, D OR R (ONLY ASK Jfecgr(a, d) OF E-CIGARETTE FORMER USERS WHO HAVE EVER SMOKED 100+ CIGARETTES)]
[ELSE, IF J2a3.5 = 3, GO TO Jfecg2]
[ELSE, GO TO BOX 34]

Jfecgra Did you use e-cigarettes because you could use them at times when or in places where smoking cigarettes wasn't allowed?

FR: E-CIGARETTES CAN ALSO BE CALLED VAPE-PENS, E-HOOKAHS, VAPES OR MODS. POPULAR BRANDS INCLUDE NJOY, BLU, LOGIC, VUSE, AND JUUL (PROUNOUNCED LIKE "JEWEL").

(1) YES
(2) NO

|_|

Jfecgrd Did you use e-cigarettes to help you quit smoking cigarettes?
(1) YES
(2) NO

|_|

Jfecg2 Which of the following best describes the type of e-cigarette you used to use? If you used more than one type, please think of the one you used most often.

(1) A disposable e-cigarette,
FR: IF NEEDED, DISPOSABLE E-CIGARETTES ARE ONE-TIME USE PRODUCTS THAT ARE NOT RECHARGEABLE.
(2) An e-cigarette that uses replaceable PREFILLED CARTRIDGES,
(3) An e-cigarette with a TANK that you REFILL with LIQUIDS,
(4) A mod system, or
FR: IF NEEDED, A MOD SYSTEM IS CUSTOMIZED BY THE USER WITH THEIR OWN COMBINATION OF BATTERIES, ATOMIZERS, ETC.
(5) You don't know the type?

|_|

BOX 34
FOR PROXY RESPONDENT, GO TO S78

FOR SELF RESPONDENT:

IF J1a1-4 = NO OR J2a = D/Refused OR ANY COMBINATION OF THESE THREE STIPULATIONS FOR ALL FIVE "OTHER" TOBACCO PRODUCTS FOR ALL ENTRIES –> GO TO SECTION K [NOTE: DISSOVABLE ONLY NON-CIGARETTE TOBACCO USERS SHOULD ALREADY BE IN SECTION K]

Other tobacco time to first use:

BOX 39

IF ONLY ONE PRODUCT MENTIONED IN J2a IS NOW USED "EVERY DAY" OR "SOME DAYS" [J2a@1-4 =1 OR 2], THAT PRODUCT IS USED FOR J3a.

If J2a1=1 or 2, fill with 'smoke your first cigar'
If J2a2-3=1 or 2, fill with 'smoke your first 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'

ELSE IF > 1 PRODUCT MENTIONED IN J2a IS NOW USED "EVERY DAY" OR "SOME DAYS [ANY J2a@1-4=1 OR 2] FILL J3a WITH THOSE PRODUCTS," LIST ALL PRODUCTS NOW USED.

ELSE IF [(J2a = 3 OR J1a = 2) FOR ALL J1a1-4 AND [Jd1/2 LESS THAN OR EQUAL TO 1 YEAR, 12 MONTHS, 52 WEEKS, 99 DAYS (i.e., 1 YEAR EQUIVALENCE) FOR ONLY ONE "OTHER TOBACCO PRODUCT" J1a1-4] AND [(IF A3 =3 AND H1NUM/UNT > (GREATER THAN) 1 YEAR, 12 MOS., 52 WEEKS, OR EQUIVALENCE) OR (IF A1=2, D, R)] THEN GO TO J3f;

ELSE IF [(J2a=3 OR J1a = 2) FOR ALL J1a1-4 AND [Jd1/2 LESS THAN OR EQUAL TO 1 YEAR, 12 MONTHS, 52 WEEKS, 99 DAYS (i.e., 1 YEAR EQUIVALENCE) FOR ANY "OTHER TOBACCO PRODUCT" J1a1, 2, 3, 3.5, OR 4] 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.

ELSE, GO TO SECTION K.

J3a How soon after you wake up do you typically [FILL WITH APPROPRIATE STEM AND ENDING BASED ON RESPONSES TO J2A1-4—SEE BOX 39 ABOVE]?

FR: IF NECESSARY, ASK FOR BEST ANSWER IN MINUTES OR HOURS
FR: 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 |__|__| (0 - 90) ENTER NUMBER

J3a2 ENTER UNIT REPORTED
(1) MINUTES
(2) HOURS

|_|

[IF J3a = 0, D OR R, GO TO J3d]
[ELSE, GO TO BOX 39A]

J3d Would you say you first...[FILL WITH APPROPRIATE STEM AND ENDING BASED ON RESPONSES IN J2a1-4 SIMILAR TO J3a….smoke a cigar/ pipe//use … an e-cigarette/ smokeless 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 / smoking pipes / using e-cigarettes / using smokeless tobacco}, how soon after you woke up did you typically [fill with appropriate stem and ending based on responses to J2a1-4] (smoke your first….cigar/ pipe//use your first….e-cigarette/first use smokeless tobacco)?

FR: IF NECESSARY, ASK FOR BEST ANSWER IN MINUTES OR HOURS
FR: 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, GO TO J3g]
[ELSE, GO TO BOX 39A]

J3g Would you say you first used {fill….. cigars/ pipes/ e-cigarettes/ smokeless 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 IF ONLY ONE PRODUCT MENTIONED IN J2a (J2a 1-5) IS NOW USED "EVERY DAY" OR "SOME DAYS" GREATER THAN OR EQUAL TO 12 DAYS" [J2a =1 OR (J2a =2 AND J2b ≥ 12 days)], AND THAT ONE PRODUCT IS NOT DISSOVABLES J2a(5), THAT PRODUCT IS USED FOR J4-J6—GO TO J4
ELSE IF > 1 PRODUCT MENTIONED IN J2a [J2a =1 OR (J2a =2 AND J2b≥ 12 days), GO TO SECTION K
ELSE IF [(J2a=3, D, R OR J1a = 2, D, R) 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 CIGARS" J1a1] 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 J7AltIN
ELSE 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] for one day or longer BECAUSE YOU WERE TRYING TO QUIT?

(1) YES
(2) NO

[IF J4 = 1, GO TO J6b]
[IF J4 = 2, D OR R, GO TO SECTION K]

J6b **Thinking of ANY attempts to stop smoking …// using … [fill entry same as J4 fill – cigars/pipes // E-cigarettes/ smokeless 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: 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, IF J4 AND J6b FILL IS "CIGARS" (ONLY TOBACCO PRODUCT CURRENTLY USED IS CIGARS), GO TO J7cINT]

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] in the past 12 months because you were TRYING to quit was [fill entry J6bnum/J6bunt]? Is that correct?**

(1) YES
(2) NO

|_|

[IF J6bv = 1 AND J4, J6b, AND J6bv FILL IS "CIGARS" (ONLY TOBACCO PRODUCT CURRENTLY USED IS CIGARS), GO TO J7cINT]
[IF J6bv = 2, GO TO J6bnum/unt TO CORRECT]

J7cINT The LAST TIME you tried to QUIT smoking CIGARS in the past 12 months: Did you:

FR: FOR THIS QUESTION, RE-READ STEM IF NECESSARY

(1) YES
(2) NO

J7c |_| Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff, or snus?
FR: PRONOUNCE "SNUS" TO RHYME WITH "GOOSE."

J7d |__| Try to quit by SWITCHING to electronic or E-cigarettes?

[GO TO SECTION K]

J7AltIN When you quit smoking CIGARS completely, did you do ANY of the following, whether or not you think they were effective:

FR: FOR THIS QUESTION, RE-READ STEM IF NECESSARY]

(1) YES
(2) NO

J7cAlt |__| Try to quit by SWITCHING to smokeless tobacco such as chewing tobacco, snuff, or snus?
FR: PRONOUNCE "SNUS" TO RHYME WITH "GOOSE."

J7dAlt |__| Try to quit by SWITCHING to electronic or E-cigarettes?

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

K1a The next questions are about your place of work.
FR: IF RESPONDENT HAS MORE THAN 1 JOB, HAVE HIM/HER ANSWER FOR HIS/HER MAIN JOB.

K1a Do you mainly work indoors or outdoors?
FR: DO NOT READ THE FIRST 2 CATEGORIES UNLESS NECESSARY. NEVER READ THE REMAINING CATEGORIES.

(1) INDOORS
(2) OUTDOORS
(3) About equally 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 mine, etc.
(6) Varies

|_|

[IF K1a = 1, GO TO K1b]
[IF K1a = 4, GO TO K1b1]
[IF K1a = 3, GO TO K1b2]
[IF K1a = 2, 5, 6, D, R, GO TO K4]

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
(2) OWN HOME
(3) SOMEONE ELSE'S HOME
(4) ANOTHER INDOOR PLACE

[IF K1b = 1, 4, D OR R, GO TO K1b1]
[IF K1b = 2 OR 3, GO TO K4]

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
(2) OWN HOME
(3) SOMEONE ELSE'S HOME
(4) ANOTHER INDOOR PLACE

[IF K1b2 = 1, 4, D OR R, GO TO K1c]
[IF K1b2 = 2 OR 3, GO TO K4]

K1c In which State (including DC) do you work on your main <u>indoor</u> job or business?

FR: ENTER 2 LETTER ABBREVIATION FOR THE STATE.

|__|__|

K2a Is smoking restricted in ANY WAY at your place of work?

FR: 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

|_|

[IF K2a = 1, GO TO K3a]
[IF K2a = 2, D OR R, GO TO K3c]

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

FR: READ THE FIRST 3 ANSWER CATEGORIES ONLY. ENTER (4) IF NOT APPLICABLE

(1) Not allowed in ANY public areas
(2) Allowed in SOME public areas
(3) Allowed in ALL public areas
(4) NOT APPLICABLE

|_|

K3b Which of these best describes the smoking policy at your place of work for INDOOR WORK AREAS?

FR: READ THE FIRST 3 ANSWER CATEGORIES ONLY. ENTER (4) IF NOT APPLICABLE

(1) Not allowed in ANY work areas
(2) Allowed in SOME work areas
(3) Allowed in ALL work areas
(4) NOT APPLICABLE

|_|

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

(1) YES
(2) NO

|_|

[IF K2a = 2, D OR R, GO TO K3c1]
[IF K2a = 1, GO TO K3b1]

K3b1 Which of these best describes the vaping or e-cigarette policy at your place of work for INDOOR PUBLIC OR COMMON AREAS AND INDOOR WORK AREAS?

FR: READ ANSWER CATEGORIES

(1) Not allowed in ANY public and ANY work areas
(2) Allowed in SOME public or SOME work areas
(3) Allowed in ALL public and ALL work areas

|_|

[GO TO K3c1]

K3c1 During the PAST TWO WEEKS, has anyone vaped or used e-cigarettes in the area in which you work?

(1) YES
(2) NO

|_|

[GO TO K4]

K4 The final set of questions are about your home and other places.

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

|_|

K4a Which statement best describes the rules about vaping or using e-cigarettes 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. "VAPING" INCLUDES USE OF E-CIGARETTES, VAPE-PENS, HOOKAH-PENS, E-HOOKAHS, E-VAPORIZERS, VAPES, OR MODS. POPULAR BRANDS INCLUDE NJOY, BLU, LOGIC, VUSE, AND JUUL (PROUNOUNCED LIKE "JEWEL").

(1) No one is allowed to vape anywhere INSIDE YOUR HOME
(2) Vaping is allowed in some places or at some times INSIDE YOUR HOME
(3) Vaping 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

|_|

K6b In indoor work areas, do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL?

(1) Allowed in ALL areas
(2) Allowed in SOME areas
(3) NOT Allowed at ALL

|_|

K6c Inside bars, cocktail lounges, and clubs, do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL?

(1) Allowed in ALL areas
(2) Allowed in SOME areas
(3) NOT Allowed at ALL

[IF K6c = 2 ,D, R, GO TO K6g; IF K6c = 1,3, GO TO K6h]

K6g Inside casinos, do you THINK that smoking SHOULD be allowed in ALL areas, allowed in SOME areas, or NOT allowed at ALL?

(1) Allowed in ALL areas
(2) Allowed in SOME areas
(3) NOT Allowed at ALL

|_|

K6h Inside a car, when there are other people present, do you THINK that smoking SHOULD…

(1) Always be allowed
(2) Be allowed under some conditions
(3) Never be allowed

|_|

[IF K6h = 1, 2, D OR R, GO TO K6h2]
[IF K6h = 3, GO TO K8]

K6h2 IF children are present inside the car, do you think that smoking SHOULD…

(1) Always be allowed
(2) Be allowed under some conditions
(3) Never be allowed

|_|

K8 In the past 6 months, have you seen messages in newspapers or on television that say that a Federal Court has ordered tobacco companies to make statements about the dangers of smoking cigarettes?

(1) YES
(2) NO

|_|

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

CODE	DESCRIPTION	INDUSTRY CODE
	Construction	
0770	** Construction (Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction)	23
	Manufacturing **Nondurable Goods manufacturing**	
1070	Animal food, grain and oilseed milling	3111, 3112
1080	Sugar and confectionery products	3113
1090	Fruit and vegetable preserving and specialty food manufacturing	3114
1170	Dairy product manufacturing	3115
1180	Animal slaughtering and processing	3116
1190	Retail bakeries	311811
1270	Bakeries, except retail	3118 exc. 311811
1280	Seafood and other miscellaneous foods, n.e.c.	3117, 3119
1290	Not specified food industries	Part of 311
1370	Beverage manufacturing	3121
1390	Tobacco manufacturing	3122
1470	Fiber, yarn, and thread mills	3131
1480	Fabric mills, except knitting	3132 exc. 31324
1490	Textile and fabric finishing and coating mills	3133
1570	Carpet and rug mills	31411
1590	Textile product mills, except carpets and rugs	314 exc. 31411
1670	Knitting mills	31324, 3151
1680	Cut and sew apparel manufacturing	3152
1690	Apparel accessories and other apparel manufacturing	3159
1770	Footwear manufacturing	3162
1790	Leather tanning and products, except footwear manufacturing	3161, 3169
1870	Pulp, paper, and paperboard mills	3221
1880	Paperboard containers and boxes	32221
1890	Miscellaneous paper and pulp products	32222, 32223, 32229
1990	Printing and related support activities	3231
2070	Petroleum refining	32411
2090	Miscellaneous petroleum and coal products	32419
2170	Resin, synthetic rubber and fibers, and filaments manufacturing	3252
2180	Agricultural chemical manufacturing	3253
2190	Pharmaceutical and medicine manufacturing	3254
2270	Paint, coating, and adhesive manufacturing B46	3255
2280	Soap, cleaning compound, and cosmetics manufacturing	3256
2290	Industrial and miscellaneous chemicals	3251, 3259
2370	Plastics product manufacturing	3261
2380	Tire manufacturing	32621
2390	Rubber products, except tires, manufacturing	32622, 32629

CODE	DESCRIPTION	INDUSTRY CODE
	Durable Goods Manufacturing	
2470	Pottery, ceramics, and related products manufacturing	32711
2480	Structural clay product manufacturing	32712
2490	Glass and glass product manufacturing	3272
2570	Cement, concrete, lime, and gypsum product manufacturing	3273, 3274
2590	Miscellaneous nonmetallic mineral product manufacturing	3279
2670	Iron and steel mills and steel product manufacturing	3311, 3312
2680	Aluminum production and processing	3313
2690	Nonferrous metal, except aluminum, production and processing	3314
2770	Foundries	3315
2780	Metal forgings and stampings	3321
2790	Cutlery and hand tool manufacturing	3322
2870	Structural metals, and tank and shipping container manufacturing	3323, 3324
2880	Machine shops; turned product; screw, nut and bolt manufacturing	3327
2890	Coating, engraving, heat treating and allied activities	3328
2970	Ordnance	332992 to 332995
2980	Miscellaneous fabricated metal products manufacturing	3325, 3326, 3329 exc. 332992, 332993, 332994, 332995
2990	Not specified metal industries	Part of 331 and 332
3070	Agricultural implement manufacturing	33311
3080	Construction, mining and oil field machinery manufacturing	33312, 33313
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	
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	
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

CODE	DESCRIPTION	INDUSTRY CODE
	Retail Trade	
4670	Automobile dealers	4411
4680	Other motor vehicle dealers	4412
4690	Auto parts, accessories, and tire stores	4413
4770	Furniture and home furnishings stores	442
4780	Household appliance stores	443111
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

CODE	DESCRIPTION	INDUSTRY CODE
	Transportation and Warehousing	
6070	Air transportation	481
6080	Rail transportation	482
6090	Water transportation	483
6170	Truck transportation	484
6180	Bus service and urban transit	4851, 4852, 4854, 4855, 4859
6190	Taxi and limousine service	4853
6270	Pipeline transportation	486
6280	Scenic and sightseeing transportation	487
6290	Services incidental to transportation	488
6370	Postal Service	491
6380	Couriers and messengers	492
6390	Warehousing and storage	493
	Information	
6470	Newspaper publishers	51111
6480	Publishing, except newspapers and software	5111 exc. 51111
6490	Software publishing	5112
6570	Motion pictures and video industries	5121
6590	Sound recording industries	5122
6670	Radio and television broadcasting and cable	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	
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

CODE	DESCRIPTION	INDUSTRY CODE
	Real Estate and Rental and Leasing	
7070	Real estate	531
7080	Automotive equipment rental and leasing	5321
7170	Video tape and disk rental	53223
7180	Other consumer goods rental	53221, 53222, 53229, 5323
7190	Commercial, industrial, and other intangible assets rental and leasing	5324, 533

Professional, Scientific, Management, Administrative, and Waste management services

	Professional, Scientific, and Technical Services	
7270	Legal services	5411
7280	Accounting, tax preparation, bookkeeping, and payroll services	5412
7290	Architectural, engineering, and related services	5413
7370	Specialized design services	5414
7380	Computer systems design and related services	5415
7390	Management, scientific, and technical consulting services	5416
7460	Scientific research and development services	5417
7470	Advertising and related services	5418
7480	Veterinary services	54194
7490	Other professional, scientific, and technical services	5419 exc. 54194
	Management, Administrative and Support, and Waste Management Services	
	Management of companies and enterprises	
7570	Management of companies and enterprises	551
	Administrative and support and waste management services	
7580	Employment services	5613
7590	Business support services	5614
7670	Travel arrangements and reservation services	5615
7680	Investigation and security services	5616
7690	Services to buildings and dwellings	5617 exc. 56173
	(except cleaning during construction and immediately after construction)	7770
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)	
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	
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	
9890	Armed Forces	9281

Detailed Industry Recodes (01-52)

These codes correspond to Items PRDTIND1 and PRDTIND2 in positions 472-475 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTIND and are located in positions 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

Major Industry Recodes
(01-14)

These codes correspond to Items PRMJIND1 and PRMJIND2 located in positions 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJIND and are located in positions 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	2010 SOC CODE
	Community and Social Services Occupations	
2000	Counselors	21-1010
2010	Social workers	21-1020
2015	Probation officers and correctional treatment specialists	21-1092
2016	Social and human service assistants	21-1093
2025	Miscellaneous community and social service specialists, including health educators and community health workers	21-109X
2040	Clergy	21-2011
2050	Directors, religious activities and education	21-2021
2060	Religious workers, all other	21-2099
	Legal Occupations	
2100	Lawyers, Judges, magistrates, and other judicial workers	23-1011 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	
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	
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

2010 CENSUS CODE	DESCRIPTION	2010 SOC CODE
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

2010 CENSUS CODE	DESCRIPTION	2010 SOC CODE
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

2010 CENSUS CODE	DESCRIPTION	2010 SOC CODE
	Installation, Maintenance, and Repair Workers	
7000	First-line supervisors/managers of mechanics, installers, and repairers	49-1011
7010	Computer, automated teller, and office machine repairers	49-2011
7020	Radio and telecommunications equipment installers and repairers	49-2020
7030	Avionics technicians	49-2091
7040	Electric motor, power tool, and related repairers	49-2092
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	
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

2010 CENSUS CODE	DESCRIPTION	2010 SOC CODE
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 August, 2015)

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.

LIST 1: FIPS Metropolitan Area (CBSA) Codes

Metropolitan Areas are defined using February 28, 2013 OMB definitions.

FIPS Code	Metropolitan (CBSA) TITLE
10180	Abilene, TX
10420	Akron, OH
10580	Albany-Schenectady-Troy, NY
10740	Albuquerque, NM
10900	Allentown-Bethlehem-Easton, PA-NJ
11100	Amarillo, TX
11460	Ann Arbor, MI
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
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
14260	Boise City, ID
14460	Boston-Cambridge-Newton, MA-NH
14500	Boulder, CO
14540	Bowling Green, KY
14860	Bridgeport-Stamford-Norwalk, CT

FIPS Code	Metropolitan (CBSA) TITLE
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
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
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
20500	Durham-Chapel Hill, NC
20700	East Stroudsburg, PA

FIPS Code	Metropolitan (CBSA) TITLE
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
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-Anderson-Mauldin, SC
25180	Hagerstown-Martinsburg, MD-WV
25260	Hanford-Corcoran, CA
25420	Harrisburg-Carlisle, PA
25540	Hartford-West Hartford-East Hartford, CT
25860	Hickory-Morganton-Lenoir, NC
25940	Hilton Head Island-Bluffton-Beaufort, SC
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

FIPS Code	Metropolitan (CBSA) TITLE
27260	Jacksonville, FL
27340	Jacksonville, NC
27500	Janesville-Beloit, WI
27740	Johnson City, TN
27780	Johnstown, PA
27980	Kahului-Wailuku-Lahaina, HI
28020	Kalamazoo-Portage, MI
28140	Kansas City, MO-KS
28420	Kennewick-Richland, WA
28660	Killeen-Temple-Fort Hood, TX
28700	Kingsport-Bristol, TN-VA
28940	Knoxville, TN
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
30340	Lewiston-Auburn, ME
30460	Lexington-Fayette, KY
30780	Little Rock-North Little Rock, AR
30980	Longview, TX
31080	Los Angeles-Long Beach-Anaheim, CA
31140	Louisville, KY-IN
31180	Lubbock, TX
31420	Macon, GA
31540	Madison, WI
31700	Manchester-Nashua, NH
32580	McAllen-Edinburg-Mission, TX
32780	Medford, OR
32820	Memphis, TN-MS-AR
33100	Miami-Fort Lauderdale-West Palm Beach, FL
33340	Milwaukee-Waukesha-West Allis, WI
33460	Minneapolis-St Paul-Bloomington, MN-WI
33660	Mobile, AL
33700	Modesto, CA
33740	Monroe, LA

FIPS Code	Metropolitan (CBSA) TITLE
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
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
36220	Odessa, TX
36260	Ogden-Clearfield, UT
36420	Oklahoma City, OK
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
39140	Prescott, AZ
39300	Providence-Warwick, RI-MA
39340	Provo-Orem, UT
39540	Racine, WI
39580	Raleigh, NC
39740	Reading, PA

FIPS Code	Metropolitan (CBSA) TITLE
39820	Redding, CA
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
41100	St. George, UT
41180	St. Louis, MO-IL
41420	Salem, OR
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
42100	Santa Cruz-Watsonville, CA
42140	Santa Fe, NM
42200	Santa Maria-Santa Barbara, CA
42220	Santa Rosa-Petaluma, CA
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
44700	Stockton-Lodi, CA
45060	Syracuse, NY
45220	Tallahassee, FL
45300	Tampa-St. Petersburg-Clearwater, FL
45460	Terre Haute, IN

FIPS Code	Metropolitan (CBSA) TITLE
45780	Toledo, OH
45820	Topeka, KS
45940	Trenton, NJ
46060	Tucson, AZ
46140	Tulsa, OK
46340	Tyler, TX
46520	Urban Honolulu, HI
46540	Utica-Rome, NY
46700	Vallejo-Fairfield, CA
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
49620	York-Hanover, PA
49660	Youngstown-Warren-Boardman, OH-PA
49740	Yuma, AZ

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

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
168		Cedar Rapids-Iowa City, IA
	16300	Cedar Rapids, IA
	26980	Iowa City, IA
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
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
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 Cruses, TX-NM
	21340	El Paso, TX
	29740	Las Cruses, NM
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
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
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

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
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-Fort Pierce, FL
376		Milwaukee-Racine-Waukesha, WI
	33340	Milwaukee-Waukesha-West Allis, WI
	39540	Racine, WI
380		Mobile-Daphne-Fairhope, AL
	19300	Daphne-Fairhope, AL
	33660	Mobile, AL
408		New York-Newark-Bridgeport, NY-NJ-CT-PA
	10900	Allentown-Bethlehem-Easton, PA-NJ
	14860	Bridgeport-Stamford-Norwalk, CT
	20700	East Stroudsburg, PA
	35300	New Haven-Milford, CT
	35620	New York-Newark-Jersey City, NY-NJ-PA
	45940	Trenton, NJ
422		Orlando-Deltona-Daytona Beach, FL
	19660	Deltona-Daytona Beach-Ormond Beach, FL
	36740	Orlando-Kissimmee-Sanford, FL

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
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
488		San Jose-San Francisco-Oakland, 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
	34580	Mount Vernon-Anacortes, WA
	42660	Seattle-Tacoma-Bellevue, WA

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
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

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

CBSA Code	Title	City	GTINDVPC
37100	Oxnard-Thousand Oaks-Ventura, CA		
		Oxnard	1
		Thousand Oaks	2
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
		Alameda County	
		Oakland	1
		Fremont	2
		Hayward	3
		Berkeley	4
41940	San Jose-Sunnyvale-Santa Clara, CA		
		San Jose	1
		Sunnyvale	2
		Santa Clara	3
46700	Vallejo-Fairfield, CA		
		Vallejo	1
		Fairfield	2

CBSA Code	Title	City	GTINDVPC
19740	Denver-Aurora-Lakewood, CO		
		Denver	1
		Lakewood	2
14860	Bridgeport-Stamford-Norwalk, CT		
		Bridgeport	1
		Stamford	2
25540	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
		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

CBSA Code	Title	City	GTINDVPC
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
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
		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

CBSA Code	Title	City	GTINDVPC
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
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

CBSA Code	Title	City	GTINDVPC
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV		
		Virginia portion only	
		Arlington	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. Counties are only included on this list if the entire county is identified.

FIPS County Code	County Name	State
		Alabama
003	Baldwin	
081	Lee	
097	Mobile	
		Arizona
013	Maricopa	
019	Pima	
021	Pinal	
025	Yavapai	
027	Yuma	
		California
001	Alameda	
007	Butte	
019	Fresno	
029	Kern	
031	Kings	
037	Los Angeles	
053	Monterey	
059	Orange	
067	Sacramento	
073	San Diego	
075	San Francisco	
079	San Luis Obispo	
081	San Mateo	

FIPS County Code	County Name	State
083	Santa Barbara	
087	Santa Cruz	
089	Shasta	
095	Solano	
097	Sonoma	
099	Stanislaus	
107	Tulare	
111	Ventura	

Colorado

013	Boulder
031	Denver
059	Jefferson
069	Larimer
123	Weld

Connecticut

001	Fairfield
005	Litchfield*
009	New Haven
011	New London
015	Windham

Delaware

001	Kent
003	New Castle
005	Sussex

District of Columbia

001	District of Columbia

FIPS County Code	County Name	State
	Florida	
005	Bay	
009	Brevard	
011	Broward	
019	Clay	
021	Collier	
033	Escambia	
053	Hernando	
057	Hillsborough	
069	Lake	
071	Lee	
083	Marion	
085	Martin	
086	Miami-Dade	
095	Orange	
099	Palm Beach	
101	Pasco	
103	Pinellas	
105	Polk	
109	St. Johns	
111	St. Lucie	
113	Santa Rosa	
	Georgia	
015	Bartow	
045	Carroll	
057	Cherokee	
063	Clayton	
077	Coweta	
097	Douglas	
113	Fayette	
117	Forsythe	
135	Gwinnett	
139	Hall	
151	Henry	
223	Paulding	

FIPS County Code	County Name	State
		Hawaii
003	Honolulu	
		Illinois
097	Lake	
111	McHenry	
119	Madison	
163	St. Clair	
179	Tazewell	
		Indiana
019	Clark	
039	Elkhart	
063	Hendricks	
081	Johnson	
089	Lake	
105	Monroe	
141	St. Joseph	
157	Tippecanoe	
		Iowa
103	Johnson	
113	Linn	
163	Scott	
		Kansas
091	Johnson	
173	Sedgwick	
		Kentucky
015	Boone	
067	Fayette	
111	Jefferson	
117	Kenton	

FIPS County Code	County Name	State
	Louisiana	
005	Ascension	
033	East Baton Rouge	
051	Jefferson	
063	Livingston	
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	
031	Montgomery	
033	Prince Georges	
037	St. Mary’s	
510	Baltimore City	

FIPS County Code	County Name	State
	Massachusetts	
001	Barnstable	
005	Bristol	
013	Hampden	
015	Hampshire	
017	Middlesex	
023	Plymouth	
025	Suffolk	
027	Worcester	
	Michigan	
005	Allegan*	
021	Berrien	
025	Calhoun	
049	Genesee	
075	Jackson	
081	Kent	
093	Livingston	
099	Macomb	
115	Monroe	
121	Muskegon	
125	Oakland	
145	Saginaw	
161	Washtenaw	
163	Wayne	
	Minnesota	
003	Anoka	
123	Ramsey	
139	Scott	
163	Washington	
171	Wright	

FIPS County Code	County Name	State
		Missouri
071	Franklin	
099	Jefferson	
189	St. Louis	
		Montana
111	Yellowstone	
		Nebraska
055	Douglas	
		Nevada
003	Clark	
		New Hampshire
011	Hillsborough	
013	Merrimack*	
015	Rockingham	
017	Strafford	
		New Jersey
003	Bergen	
005	Burlington	
007	Camden	
011	Cumberland	
013	Essex	
017	Hudson	
019	Hunterdon	
021	Mercer	
023	Middlesex	
027	Morris	
031	Passaic	

FIPS County Code	County Name	State
035	Somerset	
037	Sussex	
039	Union	

New Mexico

001	Bernalillo	
013	Dona Ana	
045	San Juan	
049	Santa Fe	

New York

005	Bronx	
045	Jefferson	
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	
119	Westchester	

North Carolina

001	Alamance	
021	Buncombe	
057	Davidson	
067	Forsyth	
119	Mecklenburg	
133	Onslow	
147	Pitt	

FIPS County Code	County Name	State
155	Robeson*	
159	Rowan	
179	Union	
191	Wayne	

Ohio

025	Clermont	
057	Greene	
085	Lake	
089	Licking	
095	Lucas	
103	Medina	
109	Miami	
113	Montgomery	
133	Portage	
153	Summit	

Oregon

017	Deschutes	
029	Jackson	
039	Lane	

Pennsylvania

003	Allegheny	
007	Beaver	
011	Berks	
017	Bucks	
019	Butler	
021	Cambria	
029	Chester	
043	Dauphin	
045	Delaware	
049	Erie	
055	Franklin	
071	Lancaster	

FIPS County Code	County Name	State
081	Lycoming	
085	Mercer	
089	Monroe	
091	Montgomery	
101	Philadelphia	
107	Schuylkill*	
125	Washington	
129	Westmoreland	
133	York	

South Carolina

041	Florence
051	Horry
083	Spartanburg
091	York

Tennessee

009	Blount
093	Knox
125	Montgomery
165	Sumner
189	Wilson

Texas

041	Brazos
061	Cameron
135	Ector
139	Ellis
181	Grayson
183	Gregg
215	Hidalgo
251	Johnson
303	Lubbock
309	McLennan
423	Smith

FIPS County Code	County Name	State
441	Taylor	
479	Webb	
485	Wichita	
		Utah
053	Washington	
		Virginia
013	Arlington	
041	Chesterfield	
087	Henrico	
107	Loudoun	
153	Prince William	
177	Spotsylvania	
179	Stafford	
550	Chesapeake City	
700	Newport News City	
710	Norfolk City	
760	Richmond City	
810	Virginia Beach City	
		Washington
057	Skagit	
		West Virginia
039	Kanawha	
		Wisconsin
059	Kenosha	
073	Marathon	
101	Racine	
105	Rock	
139	Winnebago	

* Counties marked with an asterisk (*) are also single county Micropolitan Statistical Areas.

They are not otherwise identified on the files. A list of such areas on the files is as follows:

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

ATTACHMENT 12

Topcoding of Usual Hourly Earnings

This variable will be topcoded based on an individual's usual hours worked variable, if the individual's edited usual weekly earnings variable is $999. The topcode is computed such that the product of usual hours times usual hourly wage does not exceed an annualized wage of $150,000 ($2,885.00 per week). Below is a list of the appropriate topcode.

Hours	Topcode	Hours	Topcode	Hours	Topcode
1	None	34	$84.85	67	$43.06
2	None	35	$82.43	68	$42.43
3	None	36	$80.14	69	$41.81
4	None	37	$77.97	70	$41.21
5	None	38	$75.92	71	$40.63
6	None	39	$73.97	72	$40.07
7	None	40	$72.13	73	$39.52
8	None	41	$70.37	74	$38.99
9	None	42	$68.69	75	$38.47
10	None	43	$67.09	76	$37.96
11	None	44	$65.57	77	$37.47
12	None	45	$64.11	78	$36.99
13	None	46	$62.72	79	$36.52
14	None	47	$61.38	80	$36.06
15	None	48	$60.10	81	$35.62
16	None	49	$58.88	82	$35.18
17	None	50	$57.70	83	$34.76
18	None	51	$56.57	84	$34.35
19	None	52	$55.48	85	$33.94
20	None	53	$54.43	86	$33.55
21	None	54	$53.43	87	$33.16
22	None	55	$52.45	88	$32.78
23	None	56	$51.52	89	$32.42
24	None	57	$50.61	90	$32.06
25	None	58	$49.74	91	$31.70
26	None	59	$48.90	92	$31.36
27	None	60	$48.08	93	$31.02
28	None	61	$47.30	94	$30.69
29	$99.48	62	$46.53	95	$30.37
30	$96.17	63	$45.79	96	$30.05
31	$93.06	64	$45.08	97	$29.74
32	$90.16	65	$44.38	98	$29.44
33	$87.42	66	$43.71	99	$29.14

ATTACHMENT 13

Current Population Survey

Selected Unweighted Tallies from the January 2019 Tobacco Use Supplement

For more information on the January Tobacco Use Supplement to the Current Population Survey (TUS-CPS) see TUS-CPS series web site: https://cancercontrol.cancer.gov/brp/tcrb/tus-cps/

Total Records in sample: 141,875[1]

- records for CPS non-interviewed persons – 21,064
- individuals within CPS interviewed households (HHs) 120,811)

Not eligible for the supplement: 47,989[2]

- children and adults < 18yrs old, on active duty in armed forces and CPS incomplete – 26,925
- records for CPS non-interviewed persons 21,064

Eligible for the supplement:93,886[3]

Supplement non-interviews: 31,886[4]

- CPS interview incompletes-421[5]
- not randomly selected for TUS interview – 13,546
- TUS non-response – 17,919

Final eligibility for supplement interview after excluding CPS incompletes for unknown age and those not randomly selected for TUS interview – 79,919

Supplement interviews: 62,000[6]

- self-response – 47,047
- proxy-response – 14,953

Supplement non-response: 17,919

The tallies that follow represent the 93,886 persons in sample who were eligible for the random selection for supplement interview (includes 421 with unknown age at time of interview).

[1] INTRVIEW= -1 or 1 or 2
[2] INTRVIEW= -1
[3] INTRVIEW= (1 or 2)
[4] INTRVIEW=2
[5] Age was unknown and later edited as 18+ AFTER completion of the data collection, thus non-interviews and no chance of random selection.
[6] INTRVIEW=1, note this includes one person who was interviewed though not randomly selected for interview.

Item	Value	Tallies
PEA1	-9	1
	-3	97
	-2	203
	-1	31886
	1	19359
	2	42340
PEA3	-9	81
	-3	85
	-2	40
	-1	62937
	1	5536
	2	1631
	3	23576
PEB2	-9	11
	-3	36
	-2	11
	-1	89552
	1	1270
	2	2894
	3	112
PEB7C	-9	34
	-3	62
	-2	17
	-1	89552
	1	2750
	2	1063
	3	277
	4	127
	5	4
PEC2	-9	4
	-3	13
	-2	3
	-1	92723
	1	347
	2	723
	3	73

Item	Value	Tallies
PEC7A	-9	16
	-3	16
	-2	3
	-1	92723
	1	563
	2	565
PEDA	-9	11
	-3	15
	-2	4
	-1	93343
	1	239
	2	274
PED1R	-9	49
	-3	81
	-2	10
	-1	88932
	1	1807
	2	3007
PED8R	-9	52
	-3	82
	-2	8
	-1	91016
	1	959
	2	1769
PEE1B1	-9	5
	-3	9
	-2	1
	-1	91563
	1	131
	2	2177

Item	Value	Tallies
PEF1A	-9	70
	-3	118
	-2	21
	-1	88389
	1	3718
	2	1570
PEG1	-9	71
	-3	113
	-2	118
	-1	88389
	1	2298
	2	2897
PEH2	-9	6
	-3	25
	-2	26
	-1	83723
	1	7954
	2	2152
PEH6	-9	6
	-3	4
	-2	2
	-1	93077
	1	438
	2	171
	3	188
PEH6C2	-9	8
	-3	4
	-2	3
	-1	93077
	1	249
	2	509
	3	36

Item	Value	Tallies
PEJ1A1	-9	235
	-3	368
	-2	288
	-1	31886
	1	9080
	2	52029
PEJ2A1	-9	8
	-3	19
	-2	5
	-1	84806
	1	186
	2	965
	3	7897
PEJ1A2	-9	254
	-3	384
	-2	247
	-1	31886
	1	3006
	2	58109
PEJ2A2	-9	3
	-3	2
	-2	1
	-1	90880
	1	29
	2	122
	3	2849
PEJ1A3	-9	261
	-3	391
	-2	250
	-1	31886
	1	2348
	2	58750
PEJ2A3	-9	0
	-3	3
	-2	0
	-1	91538
	1	8
	2	163
	3	2174

Item	Value	Tallies
PEJ1A3_5	-9	274
	-3	399
	-2	228
	-1	31886
	1	4415
	2	56684
PEJ2A3_5	-9	2
	-3	3
	-2	2
	-1	89471
	1	615
	2	620
	3	3173
PEJ1A4	-9	284
	-3	404
	-2	215
	-1	31886
	1	4131
	2	56966
PEJ2A4	-9	2
	-3	3
	-2	2
	-1	89755
	1	721
	2	369
	3	3034
PEJ1A5	-9	294
	-3	406
	-2	232
	-1	31886
	1	223
	2	60845
PEJ2A5	-9	0
	-3	0
	-2	0
	-1	93663
	1	30
	2	19
	3	174

Item	Value	Tallies
PEJ4	-9	3
	-3	11
	-2	0
	-1	92786
	1	262
	2	824
PEK2A	-9	12
	-3	17
	-2	92
	-1	74093
	1	18453
	2	1219
PEK4	-9	367
	-3	443
	-2	80
	-1	46839
	1	41339
	2	2400
	3	2418
INTRVIEW	1	62000
	2	31886

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
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

Code	Name
373	Venezuela
374	South America, not specified
399	Americas, not specified
400	Algeria
407	Cameroon
408	Cape Verde
412	Congo
414	Egypt
416	Ethiopia
417	Eritrea
421	Ghana
423	Guinea
425	Ivory Coast
427	Kenya
429	Liberia
430	Libya
436	Morocco
440	Nigeria
444	Senegal
447	Sierra Leone
448	Somalia
449	South Africa
451	Sudan
453	Tanzania
454	Togo
457	Uganda
459	Zaire
460	Zambia
461	Zimbabwe
462	Africa, not specified
501	Australia
508	Fiji
511	Marshall Islands
512	Micronesia
515	New Zealand
523	Tonga
527	Samoa
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 July 2018, January 2019, and May 2019 Current Population Survey Microdata Files on Tobacco Use

SOURCE OF THE DATA

The data in these microdata files are from the July 2018, January 2019, and May 2019 Current Population Survey (CPS). The U.S. Census Bureau conducts the CPS every month, although this file has only July 2018, January 2019, and May 2019 data. The 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 civilian noninstitutionalized 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 U.S. Department of Health and Human Services (HHS), co-sponsored the July 2018, January 2019, and May 2019 Tobacco Use Supplements (TUS). NCI has sponsored the supplemental questions for the TUS since 1992. The Centers for Disease Control and Prevention (CDC), also of the HHS, 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 universe, consists primarily of the population in correctional institutions and nursing homes (98 percent of the 4.0 million institutionalized people in Census 2010). Starting August 2017, college and university dormitories were also excluded from the universe because most of the residents had usual residences elsewhere. Interviewers ask questions concerning labor force participation of 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 2010 sample design, the United States was divided into 1,987 PSUs. These PSUs were then grouped into 852 strata. Within each

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[1] For detailed information on the 2010 sample redesign, please see Bureau of Labor Statistics (2014).

[2] The PSUs correspond to substate areas (i.e., counties or groups of counties) that are geographically contiguous.

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.

Approximately 71,000 housing units were selected from the sampling frame in July 2018 and January 2019. In May 2019, approximately 70,000 housing units were selected. Based on eligibility criteria, a percentage 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 60,000 were determined to be eligible for interview in each of the three months. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason.

Table 1 shows the number of households selected, the CATI assignment percentage, the number of households determined to be eligible for the supplement, and the number of households from which interviews were obtained from each of the three months of the TUS.

Table 1. Current Population Survey Sampling Frame

Month and Year of Sample	Sample Selected	CATI	Eligible	Obtained
July 2018	71,000	9%	60,000	50,000
January 2019	71,000	10%	60,000	50,000
May 2019	70,000	10%	60,000	49,000

Source: U.S. Census Bureau, Current Population Survey, internal data files.
Note: Numbers rounded to the nearest thousand. Percentages rounded to the nearest whole percent.

July 2018, January 2019, and May 2019 Supplements. 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 the production of national, state, and some sub-state estimates, especially when 3 months of a TUS series are combined. The TUS collected information from about 50,000, 50,000, and 49,000 respondents in July 2018, January 2019, and May 2019, respectively. Table 2 shows the approximate percentages of responses for some measures of use, by month.

[3] For further information on CATI and CAPI and the eligibility criteria, please see U.S. Census Bureau (2019).

Table 2. Tobacco Use Supplement Respondent Information

Supplement	Number Interviewed	Percentage of Proxy Response	Percentage of Self-Response	Percentage Telephone Interview[A]	Percentage Personal Interview
July 2018	50,000	23%	77%	63% (63% self-only)	37% (37% self-only)
January 2019	50,000	24%	76%	67% (66% self-only)	33% (34% self-only)
May 2019	49,000	26%	74%	64% (63% self-only)	36% (37% self-only)

Source: U.S. Census Bureau, Current Population Survey, internal data files.
[A] Respondents with 'CAPI' for HRMODE and 'Not in Universe' for PES81A are not included, for consistency, as we cannot determine if interview was conducted by telephone or in-person.
Note: Numbers rounded to the nearest thousand. Percentages rounded to the nearest whole percent.

Estimation Procedure. This survey's estimation procedure adjusts weighted sample results to agree with independently derived population controls of the civilian noninstitutionalized population of the United States, each state, and the District of Columbia. These population controls[4] are prepared monthly as part of the Census Bureau's Population Estimates 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).
- Sex.

The independent estimates by age, sex, race, and Hispanic origin, and for states by selected age groups and broad race categories, are developed using the basic demographic accounting formula whereby the population from the 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 controls.

The net international migration component of the population estimates includes:

- Net international migration of the foreign born;

[4] For additional information on population controls, including details on the demographic characteristics used and net international components, please see Chapter 1-3 and Appendix: History of the Current Population Survey of U.S. Census Bureau (2019).

- 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 behind 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, the estimation of standard errors 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. Some nonsampling errors, and examples of each, include:

- Measurement error: 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.

- Coverage error: Some individuals who should have been included in the survey frame were missed.
- Nonresponse error: Responses are not collected from all those in the sample or the respondent is unwilling to provide information.
- Imputation error: Values are estimated imprecisely for missing data.
- Processing error: Forms may be lost, data may be incorrectly keyed, coded, or recoded, etc.

To minimize these errors, the Census Bureau applies quality control procedures during all stages of the production process including the design of the survey, the wording of questions, the review of the work of interviewers and coders, and the statistical review of reports.

Two types of nonsampling error that can be examined to a limited extent are nonresponse and undercoverage.

Nonresponse. The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the nonresponse rate. Table 3 shows the unweighted nonresponse rates for the basic CPS, as well as the overall (self and proxy) nonresponse rate and the self-only nonresponse rate, for the July 2018, January 2019, and May 2019 supplements.

Table 3. Current Population Survey Nonresponse Rates

Month and Year	Basic CPS (Household Nonresponse Rate)	Supplement (Self and Proxy Nonresponse Rate)	Supplement (Self-Only Nonresponse Rate)
July 2018	15.5%	25.5%	42.3%
January 2019	16.9%	22.4%	41.1%
May 2019	18.0%	24.3%	43.8%

Source: U.S. Census Bureau, Current Population Survey, internal data files.
Note: Percentages rounded to the nearest tenth of a percent.

Since the basic CPS nonresponse rate is a household-level rate and TUS 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 TUS.

Responses are made up of complete interviews and sufficient partial interviews. 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 a result of sufficient partial interviews being considered responses, individual items/questions have their own response and refusal rates. As part of the nonsampling error analysis, the item response rates, item refusal rates, and edits are reviewed. For the TUS, the unweighted item refusal rates range from 0.0 percent to 27.4 percent for July 2018, 0.0 percent to 30.4 percent for January 2019, and 0.0 percent to 33.2 percent for May 2019. The unweighted item nonresponse rates range from 0.0 percent to 30.1 percent for July 2018, 0.0 percent to 33.0 percent for January 2019, and 0.0 percent to 35.5 percent for May 2019. 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 (e.g., those who ONLY used a non-cigarette tobacco product one or two times) and a few other types of follow-up or unit variables. Using the July 2018 data as an example, a conservative analysis among ALL items (including these special purpose items) yields the following distribution for the unweighted item nonresponse rates: 0.05 percent at the 10th percentile, 0.62 percent at the 25th percentile, 1.6 percent at the 50th percentile (median), 3.5 percent at the 75th percentile, and 8.5 percent at the 90th percentile.

Undercoverage. The concept of coverage with a survey sampling process is defined as 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 July 2018, January 2019, and May 2019 is estimated to be about 11 percent. CPS coverage varies with age, sex, and race. Generally, coverage is higher for females than for males and higher for non-Blacks than for Blacks. This differential coverage is a general problem for most household-based surveys.

The CPS weighting procedure mitigates 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. Tables 4 through 6 show CPS coverage ratios by age and sex for certain race and Hispanic groups for July 2018, January 2019, and May 2019, respectively. The CPS coverage ratios exhibit some variability from month to month.

Table 4. Current Population Survey Coverage Ratios: July 2018

Age group	Total			White only		Black only		Residual race[A]		Hispanic[B]	
	All people	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-15	0.86	0.87	0.85	0.91	0.90	0.72	0.70	0.82	0.77	0.79	0.79
16-19	0.86	0.87	0.85	0.90	0.87	0.79	0.71	0.84	0.89	0.82	0.79
20-24	0.76	0.77	0.75	0.80	0.77	0.62	0.71	0.70	0.68	0.69	0.72
25-34	0.81	0.78	0.84	0.82	0.88	0.61	0.70	0.73	0.72	0.68	0.83
35-44	0.90	0.87	0.93	0.90	0.96	0.75	0.81	0.79	0.86	0.78	0.88
45-54	0.90	0.89	0.90	0.92	0.93	0.72	0.79	0.81	0.84	0.78	0.87
55-64	0.93	0.92	0.93	0.95	0.95	0.78	0.84	0.84	0.84	0.83	0.82
65+	0.97	0.97	0.97	0.98	0.99	0.93	0.90	0.84	0.81	0.85	0.85
15+	0.89	0.88	0.90	0.91	0.93	0.74	0.79	0.79	0.80	0.77	0.83
0+	0.88	0.87	0.89	0.91	0.92	0.73	0.77	0.80	0.80	0.77	0.82

Source: U.S. Census Bureau, Current Population Survey, July 2018.

[A] The Residual race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.

[B] Hispanics may be any race.

Note: For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

Table 5. Current Population Survey Coverage Ratios: January 2019

Age group	Total			White only		Black only		Residual race[A]		Hispanic[B]	
	All people	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-15	0.85	0.84	0.86	0.89	0.91	0.69	0.67	0.73	0.80	0.76	0.78
16-19	0.84	0.86	0.81	0.92	0.87	0.68	0.66	0.75	0.64	0.89	0.86
20-24	0.77	0.79	0.75	0.83	0.78	0.62	0.64	0.75	0.69	0.84	0.80
25-34	0.80	0.78	0.82	0.83	0.86	0.57	0.66	0.72	0.77	0.74	0.77
35-44	0.91	0.88	0.93	0.92	0.97	0.70	0.79	0.82	0.83	0.77	0.91
45-54	0.91	0.89	0.92	0.91	0.95	0.82	0.80	0.84	0.85	0.82	0.89
55-64	0.95	0.94	0.95	0.97	0.96	0.79	0.89	0.91	0.87	0.88	0.88
65+	0.99	1.00	0.98	1.02	0.99	0.92	0.94	0.86	0.83	0.85	0.88
15+	0.89	0.89	0.90	0.92	0.93	0.73	0.78	0.81	0.80	0.81	0.85
0+	0.89	0.88	0.89	0.92	0.93	0.72	0.76	0.79	0.80	0.80	0.83

Source: U.S. Census Bureau, Current Population Survey, January 2019.

[A] The Residual race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.

[B] Hispanics may be any race.

Note: For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

Table 6. Current Population Survey Coverage Ratios: May 2019

Age group	All people	Total		White only		Black only		Residual race[A]		Hispanic[B]	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-15	0.87	0.88	0.85	0.92	0.89	0.70	0.67	0.88	0.81	0.81	0.78
16-19	0.85	0.88	0.82	0.91	0.84	0.82	0.74	0.77	0.83	0.84	0.81
20-24	0.75	0.75	0.75	0.77	0.78	0.61	0.67	0.75	0.70	0.73	0.79
25-34	0.82	0.79	0.84	0.83	0.88	0.63	0.73	0.71	0.75	0.73	0.82
35-44	0.89	0.87	0.91	0.91	0.95	0.66	0.82	0.82	0.81	0.77	0.89
45-54	0.89	0.88	0.90	0.91	0.95	0.75	0.76	0.83	0.80	0.79	0.91
55-64	0.94	0.92	0.96	0.95	0.99	0.78	0.86	0.85	0.82	0.87	0.90
65+	0.98	0.98	0.98	1.00	1.00	0.92	0.93	0.86	0.84	0.87	0.92
15+	0.89	0.88	0.91	0.91	0.94	0.73	0.79	0.80	0.79	0.79	0.87
0+	0.89	0.88	0.89	0.91	0.93	0.72	0.77	0.82	0.80	0.79	0.84

Source: U.S. Census Bureau, Current Population Survey, May 2019.

[A] The Residual race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.

[B] Hispanics may be any race.

Note: 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 is due to differences in interviewer training and experience and in differing survey processes. These differences are examples 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 2010 Census-based controls, with microdata files 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 populations 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 2010 Census-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 2010 Census files (see "Basic CPS").[5] 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 U.S. Census Bureau (2019) and Brooks & Bailar (1978).

Standard Errors and Their Use. A 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 the 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

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[5] The phase-in process using the 2010 Census files began April 2014.

would be comparing the percentage of men who were part-time workers to the percentage of women who were part-time workers.

Tests may be performed at various levels of significance. A significance level is the probability of concluding that the characteristics are different when, in fact, they are the same. For example, to conclude that two characteristics are different at the 0.10 level of significance, the absolute value of the estimated difference between characteristics must be greater than or equal to 1.645 times the standard error of the difference.

The Census Bureau uses 90-percent confidence intervals and 0.10 levels of significance to determine statistical validity. Consult standard statistical textbooks for alternative criteria.

Estimating Standard Errors. The Census Bureau uses replication methods to estimate the standard errors of CPS estimates. These methods primarily measure the magnitude of sampling error. However, they do measure some effects of nonsampling error as well. They do not measure systematic biases in the data associated with nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

There are two ways to calculate standard errors for the CPS microdata files on Tobacco Use.

- Direct estimates created from replicate weighting methods;
- Generalized variance estimates created from generalized variance function (GVF) parameters *a* and *b*.

While replicate weighting methods provide the most accurate variance estimates, this approach requires more computing resources and more expertise on the part of the user. The GVF parameters provide a method of balancing accuracy with resource usage as well as a smoothing effect on standard error estimates. For more information on calculating direct estimates, refer to the "Replicate Weighting" section and see U.S. Census Bureau (2009). For more information on GVF estimates, refer to the "Generalized Variance Parameters" section.

Replicate Weighting. The Census Bureau is releasing public use replicate weight files for the July 2018, January 2019, and May 2019 TUS that can be matched to the public use survey data files.

Replicate estimates are created using each of the 160 weights independently to create 160 replicate estimates. For point estimates, multiply the replicate weights by the item of interest at the record level (either an indicator variable to determine the number of people with a characteristic or a variable that contains some value) and tally the weighted values to create the 160 replicate estimates. Use these replicate estimates in formula (1) below to calculate the total variance for the item of interest. For example, say that the item of interest is the number of males. Tally the weights for all the records that indicated male to

create the 160 replicate estimates of the number of males. Then use these estimates in the formula to calculate the total variance for the number of males.

Calculate variance estimates for the estimates using:

$$\mathrm{var}(\hat{\theta}_0) = \frac{4}{160}\sum_{i=1}^{160}(\hat{\theta}_i - \hat{\theta}_0)^2 \qquad (1)$$

where $\hat{\theta}_0$ is the estimate of the statistic of interest, such as a point estimate or proportion, using the weight for the full sample, and $\hat{\theta}_i$ are the replicate estimates of the same statistic using the replicate weights.

For more information on using replicate weights and calculating direct estimates, see U.S. Census Bureau (2009).

Generalized Variance Parameters. While it is possible to estimate 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:

- Tables 8 through 20 provide illustrations for calculating standard errors;
- Table 21 provides the GVF parameters for labor force estimates;
- Tables 22 and 23 provide the GVF parameters for the supplement specific estimates; and
- Tables 24 and 25 provide the factors and populations for computation by state and region.

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. Table 7 summarizes the relationship between the race/ethnicity group of interest and the GVF parameters to use in standard error calculations.

Table 7. Estimation Groups of Interest and Generalized Variance Parameters

Race/ethnicity group of interest	Generalized variance parameters to use in standard error calculations
Total population	Total or White
White alone, White alone or in combination (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, American Indian and Alaska Native (AIAN), Native Hawaiian and Other Pacific Islander (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[A] population	Hispanic[A]
Two or more races[B] – employment/unemployment and educational attainment characteristics	Black
Two or more races[B] – all other characteristics	Asian, AIAN, NHOPI

Source: U.S. Census Bureau, Current Population Survey, internal data files.
[A] Hispanics may be any race.
[B] Two or more races refers to the group of cases self-classified as having two or more races.

When calculating standard errors for an estimate of interest from cross-tabulations involving different characteristics, use the set of GVF parameters for the characteristic that will give the largest standard error. If the estimate of interest is strictly from basic CPS data, the GVF parameters will come from the CPS GVF table (Table 21). If the estimate of interest is from the TUS, the GVF parameters will come from Table 22 for nonresponse and Table 23 for self-response. Tables 22 and 23 also provide specific GVF parameters for use with combined 2-months and 3-months of data.

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:

$$s_x = \sqrt{ax^2 + bx} \tag{2}$$

Here x is the size of the estimate, and a and b are the parameters in Table 16 associated with the particular type of characteristic.

Illustration 1

Suppose there were 2,819,000 unemployed men (ages 18 and up) in the civilian labor force in May 2019. Table 8 shows how to use the appropriate parameters from Table 21 and Formula (2) to estimate the standard error and confidence interval.

Table 8. Illustration of Standard Errors of Estimated Numbers

Number of unemployed males in the civilian labor force (x)	2,819,000
a-parameter (a)	-0.000031
b-parameter (b)	2,947
Standard error	90,000
90-percent confidence interval	2,671,000 to 2,967,000

Source: U.S. Census Bureau, Current Population Survey, Tobacco Use Supplement, May 2019

The standard error is calculated as

$$s_x = \sqrt{-0.000031 \times 2{,}819{,}000^2 + 2{,}947 \times 2{,}819{,}000},$$

which, rounded to the nearest thousand, is 90,000. The 90-percent confidence interval is calculated as 2,819,000 ± 1.645 × 90,000.

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 21, 22, or 23 as indicated by the numerator.

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

$$s_{y,p} = \sqrt{\frac{b}{y} p(100 - p)} \qquad (3)$$

Here y is the total number of people, families, households, or unrelated individuals in the base or denominator of the percentage, p is the percentage $100*x/y$ ($0 \le p \le 100$), and b is the parameter in Table 21, 22, or 23 associated with the characteristic in the numerator of the percentage.

Illustration 2

Suppose there were 82,105,000[6] people aged 45 to 64 in May 2019, of which 11.5 percent were every-day smokers. Table 9 shows how to use the appropriate parameter from Table 22 and Formula (3) to estimate the standard error and confidence interval.

Table 9. Illustration of Standard Errors of Estimated Percentages

Percentage of people aged 45-64 who were everyday smokers (p)	11.5
Base (y)	82,105,000
b-parameter (b)	5,957
Standard error	0.27
90-percent confidence interval	11.1 to 11.9

Source: U.S. Census Bureau, Current Population Survey, Tobacco Use Supplement, May 2019.

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{5{,}957}{82{,}105{,}000} \times 11.5 \times (100.0 - 11.5)} = 0.27$$

The 90-percent confidence interval for the estimated percentage of people aged 45 to 64 who are everyday smokers is calculated as 11.5 ± 1.645 × 0.27.

Illustration 3

Of all adults (ages 18 and up) in May 2019, suppose the number of former smokers was 40,745,000 and the number of ever (current and former) smokers was 66,937,000[7]. The percentage of former smokers out of ever smokers (known as the "quit ratio") would be 60.9 percent. Table 10 shows how to use the appropriate parameter from Table 22 and Formula (3) to estimate the standard error and confidence interval.

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6 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 (82,769,000) 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.

7 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 (67,451,000) 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.

Table 10. Second Illustration of Standard Errors of Estimated Percentages

Percentage of adult ever smokers who don't smoke anymore (p)	60.9
Base (y)	66,937,000
b-parameter (b)	5,957
Standard error	0.46
90-percent confidence interval	60.1 to 61.7

Source: U.S. Census Bureau, Current Population Survey, Tobacco Use Supplement, May 2019.

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{5{,}957}{66{,}937{,}000} \times 60.9 \times (100.0 - 60.9)} = 0.46$$

and the 90-percent confidence interval is calculated as 60.9 ± 1.645 × 0.46.

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

$$s_{x_1 - x_2} = \sqrt{\left(s_{x_1}\right)^2 + \left(s_{x_2}\right)^2} \tag{4}$$

where s_{x_1} and s_{x_2} are the standard errors of the estimates, x_1 and x_2. The estimates can be numbers, percentages, ratios, etc. This will result in accurate estimates of the standard error of the same characteristic in two different areas or for the difference between separate and uncorrelated characteristics in the same area. However, if there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

Illustration 4

In May 2019, suppose that for self-respondents, of the 3,844,000 non-Hispanic Blacks 18 to 24 years of age, 5.5 percent were every-day smokers, and of the 15,785,000[8] non-Hispanic Whites 18 to 24 years of age, 6.1 percent were every-day smokers. Table 11 shows how to use the appropriate parameters from Table 23, since the data is from self-respondents, and Formulas (3) and (4) to estimate the standard error and confidence interval.

[8] Some respondents who indicated that they were non-Hispanic Whites between 18 and 24 years of age did not respond to question PEA1 ("have you smoke at least 100 cigarettes in your entire life") or PEA3 ("do you now smoke cigarettes every day, some days, or not at all?"). As a result, using the estimate (15,848,000) 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, former smokers and never 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 ((PEA1=1 and PEA3=1,2,3) or (PEA1=2)) 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 non-Hispanic Whites between 18 and 24 years of age.

Table 11. Illustration of Standard Errors of Estimated Differences

	Non-Hispanic Black (x_1)	Non-Hispanic White (x_2)	Difference
Percentage of people aged 18 to 24 who were everyday smokers (p)	5.5	6.1	0.6
Base (y)	3,844,000	15,785,000	-
b-parameter (b)	8,009	6,234	-
Standard error	1.04	0.48	1.15
90-percent confidence interval	3.8 to 7.2	5.3 to 6.9	-1.3 to 2.5

Source: U.S. Census Bureau, Current Population Survey, Tobacco Use Supplement, May 2019.

The standard error of the difference is calculated as

$$s_{x_1-x_2} = \sqrt{1.04^2 + 0.48^2} = 1.15$$

The 90-percent confidence interval around the difference is calculated as 0.6 ± 1.645 × 1.15. Since this interval includes 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 not 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

$$s_{x/y} = \frac{x}{y}\sqrt{\left(\frac{s_x}{x}\right)^2 + \left(\frac{s_y}{y}\right)^2 - 2r\frac{s_x s_y}{xy}} \tag{5}$$

The standard error of the numerator, s_x, and that of the denominator, s_y, may be calculated using formulas described earlier. In Formula (5), 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,

$$r = \frac{x \times s_y}{y \times s_x} \tag{6}$$

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 (5) by 100 or 1,000, respectively, to obtain the standard error.

Illustration 5

In May 2019, suppose the number of adults who were self-reported as every-day smokers was 20,692,000[9] and the number of adults who were self-reported as some-day smokers was 5,635,000[10]. The ratio of every-day smokers to some-day smokers would be 3.7. Table 12 shows how to use Formulas (2) and (5) and the appropriate parameters from Table 23, since the data is from self-respondents, with $r = 0$ to estimate the standard error and confidence interval.

Table 12. Illustration of Standard Errors of Estimated Ratios

	Every-day (x)	Some-day (y)	Ratio
Number of smokers	20,692,000	5,635,000	3.7
a-parameter (a)	-0.000027	-0.000027	-
b-parameter (b)	7,002	7,002	-
Standard error	365,000	196,000	0.14
90-percent confidence interval	20,092,000 to 21,292,000	5,313,000 to 5,957,000	3.5 to 3.9

Source: U.S. Census Bureau, Current Population Survey, Tobacco Use Supplement, May 2019.

The standard error of the ratio is calculated as

$$s_{x/y} = \frac{20{,}692{,}000}{5{,}635{,}000}\sqrt{\left(\frac{365{,}000}{20{,}692{,}000}\right)^2 + \left(\frac{196{,}000}{5{,}635{,}000}\right)^2} = 0.14$$

and the 90-percent confidence interval is calculated as 3.7 ± 1.645 × 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.

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9 Computed in the same manner as in Illustration 8a to preserve consistency of estimates throughout this Source and Accuracy Statement. See footnote 11 to Illustration 8a.

10 Computed in the same manner as in Illustration 8b to preserve consistency of estimates throughout this Source and Accuracy Statement. See footnote 12 to Illustration 8b.

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 21, 22, or 23 by the state factor from Table 24. To determine a new state-level a-parameter (a_{state}), use the following:

(1) If the a-parameter from Table 21, 22, or 23 is positive, multiply the a-parameter by the state factor from Table 24.

(2) If the a-parameter in Table 21, 22, or 23 is negative, calculate the new state-level a-parameter as follows:

$$a_{state} = \frac{-b_{state}}{POP_{state}} \tag{7}$$

where POP_{state} is the state population found in Table 24.

Illustration 6

Suppose there were 1,249,000 adults living in Florida in May 2019 who were every-day smokers. Table 13 shows how to use the appropriate parameters, factor, and population from Tables 22 and 24 and Formulas (2) and (7) to estimate the standard error and confidence interval.

Table 13. Illustration of Standard Errors of State Estimates

Number of every-day smokers in Florida (x)	1,249,000
b-parameter (b)	5,957
Florida state factor	1.12
State population	21,240,301
State a-parameter (a_{state})	-0.000314
State b-parameter (b_{state})	6,672
Standard error	89,000
90-percent confidence interval	1,103,000 to 1,395,000

Source: U.S. Census Bureau, Current Population Survey, Tobacco Use Supplement, May 2019.

Obtain the state-level b-parameter by multiplying the b-parameter, 5,957, by the state factor, 1.12. This gives b_{state} = 5,957 × 1.12 = 6,672. Obtain the needed state-level a-parameter by

$$a_{state} = \frac{-6{,}672}{21{,}240{,}301} = -0.000314$$

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 (2) and the new state-level a- and b-parameters, -0.000314 and 6,672, respectively. The standard error is given by

$$s_x = \sqrt{-0.000314 \times 1{,}249{,}000^2 + 6{,}672 \times 1{,}249{,}000},$$

which, rounded to the nearest thousand, is 89,000. The 90-percent confidence interval is calculated as 1,249,000 ± 1.645 × 89,000.

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 25.

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:

$$state\ group\ factor = \frac{\sum_{i=1}^{n} POP_i \times state\ factor_i}{\sum_{i=1}^{n} POP_i} \tag{8}$$

where POP_i and $factor_i$ are the population and factor for state i from Table 24.
To obtain a new state group b-parameter ($b_{state\ group}$), multiply the b-parameter from Table 21, 22, or 23 by the state group factor obtained by Formula (8). To determine a new state group a-parameter ($a_{state\ group}$), use the following:

(1) If the a-parameter from Table 21, 22, or 23 is positive, multiply the a-parameter by the state group factor determined by Formula (8).

(2) If the a-parameter in Table 21, 22, or 23 is negative, calculate the new state group a-parameter as follows:

$$a_{state\ group} = \frac{-b_{state\ group}}{\sum_{i=1}^{n} POP_i} \tag{9}$$

Illustration 7
Suppose the state group factor for the state group Illinois-Indiana-Michigan was required for May 2019. Use Formula (9) and the appropriate factors and populations from Table 24 to get

$$state\ group\ factor = \frac{12{,}515{,}984 \times 1.16 + 6{,}618{,}318 \times 1.14 + 9{,}906{,}401 \times 1.15}{12{,}515{,}984 + 6{,}618{,}318 + 9{,}906{,}401} = 1.15$$

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

$$s_{\bar{x}} = \sqrt{\frac{b}{y}(S^2)} \tag{10}$$

In this formula, y is the size of the base of the distribution and b is the parameter from Table 21, 22, or 23. The variance, S^2, is given by the following formula:

$$S^2 = \sum_{i=1}^{c} p_i \bar{x}_i^2 - \bar{x}^2 \tag{11}$$

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

$$\bar{x} = \sum_{i=1}^{c} p_i \bar{x}_i \tag{12}$$

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

$$\bar{x}_c = \frac{3}{2} L_c \tag{13}$$

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.

<u>Illustration 8a</u>

Suppose there were 20,692,000[11] adult every-day smokers among self-respondents in May 2019. Table 14 shows the distribution of the average number of cigarettes consumed per day.

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[11] 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 (21,225,000) 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.

Table 14. Distribution of the Average Number of Cigarettes Consumed Per Day

Cigarettes per day	Percent of smokers	$\bar{x}$
1 – 10	50.8	(1+10)/2 = 5.5
11 – 20	41.9	(11+20)/2 = 15.5
21 – 30	4.9	(21+30)/2 = 25.5
31+	2.4	3/2(31) = 46.5

Source: U.S. Census Bureau, Current Population Survey, Tobacco Use Supplement, May 2019.

Using Formula (12),

$$\bar{x} = (0.508 \times 5.5) + (0.419 \times 15.5) + (0.049 \times 25.5) + (0.024 \times 46.5) = 11.65$$

and Formula (11),

$$S^2 = (0.508 \times 5.5^2) + (0.419 \times 15.5^2) + (0.049 \times 25.5^2) + (0.024 \times 46.5^2) - 11.65^2 = 64.07$$

Because this data is from self-respondents, use the appropriate parameter from Table 23 and Formula (10) to get

Table 15. Illustration of Standard Errors of Averages for Grouped Data

Average amount of cigarettes smoked per day for every-day smokers $\bar{x}$	11.65
Variance (S^2)	64.07
Base (y)	20,692,000
b-parameter (b)	7,002
Standard error	0.147
90-percent confidence interval	11.41 to 11.89

Source: U.S. Census Bureau, Current Population Survey, Tobacco Use Supplement, May 2019.

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{7{,}002}{20{,}692{,}000}(64.07)} = 0.147$$

and the 90-percent confidence interval is calculated as 11.65 ± 1.645 × 0.147.

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 5,635,000[12] adult some-day smokers among self-respondents in May 2019. Table 16 shows the distribution of the average number of cigarettes consumed per some day and per every day.

Table 16. Distribution of the Average Number of Cigarettes Consumed Per Some Day and Per Every Day

Cigarettes per some day	Percent of smokers	–	Average number of days smoked in the last 30 days (d_i)	Cigarettes per day ($^{-}$ $\times d_i$ / 30)
1	17.9	(1+1)/2 = 1.0	9.3	1.0*8.9/30 = 0.31
2	23.9	(2+2)/2 = 2.0	11.2	2.0*11.2/30 = 0.75
3	18.0	(3+3)/2 = 3.0	13.4	3.0*14.2/30 = 1.34
4	7.4	(4+4)/2 = 4.0	14.1	4.0*14.1/30 = 1.88
5+	32.8	3/2(5) = 7.5	16.4	7.5*17.3/30 = 4.10

Source: U.S. Census Bureau, Current Population Survey, Tobacco Use Supplement, May 2019.

Using Formula (12),

$$\bar{x} = (0.179 \times 0.31) + (0.239 \times 0.75) + (0.180 \times 1.34) + (0.074 \times 1.88) + (0.328 \times 4.10) = 1.96$$

and Formula (11),

$$S^2 = (0.179 \times 0.31^2) + (0.239 \times 0.75^2) + (0.180 \times 1.34^2) + (0.074 \times 1.88^2) + (0.328 \times 4.10^2) - 1.96^2 = 2.41$$

Because this data is from self-respondents, use the appropriate parameter from Table 23 and Formula (10) to get

Table 17. Second Illustration of Standard Errors of Averages for Grouped Data

Average amount of cigarettes smoked per day for some-day smokers $^{-}$	1.96
Variance (S^2)	2.41
Base (y)	5,635,000
b-parameter (b)	7,002
Standard error	0.055
90-percent confidence interval	1.87 to 2.05

Source: U.S. Census Bureau, Current Population Survey, Tobacco Use Supplement, May 2019.

[12] 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 (6,309,000) 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.

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{7{,}002}{5{,}635{,}000}(2.41)} = 0.055$$

and the 90-percent confidence interval is calculated as 1.96 ± 1.645 × 0.055.

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.

<u>Standard Errors of Estimated Aggregates</u>. Aggregates, such as the total number of cigarettes consumed, are computed by multiplying the average number of cigarettes consumed per smoker, $\bar{x}$, by the total number of smokers, y, in the formula

$$T = \bar{x}y \tag{14}$$

where T is the aggregate to be computed.

Both $\bar{x}$ and y have a standard error, so the standard error of a product must be computed. Approximate the standard error of an aggregate with the formula

$$S_T = \sqrt{\bar{x}^2 s_y^2 + y^2 s_{\bar{x}}^2} \tag{15}$$

where $s_{\bar{x}}$ is computed using Formula (10) and s_y is computed using Formula (2). 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.

<u>Illustration 9</u>
Continuing with Illustration 8a, suppose that the estimate for the total number of every-day smokers was 20,692,000[13] adults and that they smoked an average of 11.65 cigarettes per day. They then would consume approximately 241,062,000 cigarettes per day. Table 18 shows how to use s_y and $s_{\bar{x}}$ from Illustrations 5 and 8a, respectively, and Formula (15) to estimate the standard error and confidence interval.

[13] See footnote 11 to Illustration 8a.

Table 18. Illustration of Standard Errors of Estimated Aggregates

Average amount of cigarettes smoked per day	11.65
Standard error (s_x)	0.147
Number of every-day smokers (y)	20,692,000
Standard error (s_y)	365,000
Number of cigarettes consumed (T)	241,062,000
Standard error (s_T)	5,228,000
90-percent confidence interval	232,462,000 to 249,662,000

Source: U.S. Census Bureau, Current Population Survey, Tobacco Use Supplement, May 2019.

The aggregate T is calculated as

$$T = 11.65 \times 20{,}692{,}000 = 241{,}062000$$

and the standard error for T is calculated as

$$s_T = \sqrt{(11.65^2 \times 365{,}000^2) + (20{,}692{,}000^2 \times 0.147^2)} = 5{,}228{,}000$$

The 90-percent confidence interval is calculated as 241,062,000 ± 1.645 × 5,228,000.

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.

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

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

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.

$(\bar{x})$

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 20,692,000[14] every-day smokers that smoked an average of 11.65 cigarettes per day. In addition, suppose that 5,635,000[15] some-day smokers smoked an average of 1.96 cigarettes per day. Table 19 shows the distribution of the average number of cigarettes consumed per day by all current smokers.

Table 19. Distribution of the Average Number of Cigarettes Consumed Per Day by All Current Smokers

Cigarettes per day	Percent of smokers*
0.31	3.8
0.75	5.1
1.34	3.8
1.88	1.6
4.1	7.0
5.5	39.9
15.5	32.9
25.5	3.8
46.5	1.9

Source: U.S. Census Bureau, Current Population Survey, Tobacco Use Supplement, May 2019.
* Estimates do not sum to 100 percent due to rounding.

where $\bar{x}$, the average amount smoked by all current smokers, is found using Formula (12) as

$$\bar{x} = (0.038 \times 0.31) + (0.051 \times 0.75) + (0.038 \times 1.34) + (0.016 \times 1.88) + (0.07 \times 4.1) + (0.399 \times 5.5) + (0.329 \times 15.5) + (0.038 \times 25.5) + (0.019 \times 46.5) = 9.56$$

Use the appropriate parameters from Table 23, 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 (16) to get

[14] See footnote 11 to Illustration 8a.
[15] See footnote 12 to Illustration 8b.

Table 20. Illustration of Standard Errors of Averages for Daily Amount Smoked by Current Smokers

Average amount of cigarettes smoked per day	9.56
Estimated population of every-day smokers (E)	20,692,000
Standard error ( )	365,000
Estimated population of some-day smokers (P)	5,635,000
Standard error ( )	196,000
Average amount of cigarettes smoked per day by every-day smokers (C_1)	11.65
Standard error ( )	0.147
Average amount of cigarettes smoked per day by some-day smokers (C_2)	1.96
Standard error ( )	0.055
Standard error	0.132
90-percent confidence interval	9.34 to 9.78

Source: U.S. Census Bureau, Current Population Survey, Tobacco Use Supplement, May 2019.

The standard error for ¯ is calculated as

$$s_{\bar{x}} = \left[\left(\frac{5{,}635{,}000\ (11.65-1.96)}{(20{,}692{,}000+5{,}635{,}000)^2}\right)^2 \times 365{,}000^2 + \left(\frac{20{,}692{,}000\ (11.65-1.96)}{(20{,}692{,}000+5{,}635{,}000)^2}\right)^2 \times 196{,}000^2 + \left(\frac{20{,}692{,}000}{20{,}692{,}000+5{,}635{,}000}\right)^2 \times 0.147^2 + \left(\frac{5{,}635{,}000}{20{,}692{,}000+5{,}635{,}000}\right)^2 \times 0.055^2\right]^{\frac{1}{2}} = 0.132$$

The 90-percent confidence interval is calculated as 9.56 ± 1.645 × 0.132.

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 Bureau of Labor Statistics (2006).

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 21. Parameters for Computation of Standard Errors for Labor Force Characteristics: July 2018, January 2019, and May 2019

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 (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI)		
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

Source: U.S. Census Bureau, Internal Current Population Survey data files for the 2010 Design.

Notes: These parameters are to be applied to basic CPS monthly labor force estimates. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. 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. 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. For the groups self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all employment characteristics.

Table 22. Parameters for Computation of Standard Errors for Tobacco Use Characteristics Using Nonresponse Weights: July 2018, January 2019, and May 2019

	Total		White Alone		Black Alone		Asian, AIAN, NHOPI[A]		Hispanic[B]	
Characteristic	***a***	***b***	***a***	***b***	***a***	***b***	***a***	***b***	***a***	***b***
July 2018										
Total	-0.000023	6,051	-0.000025	4,914	-0.000211	6,899	-0.000244	6,051	-0.000176	7,515
Male	-0.000049	6,051	-0.000050	4,914	-0.000486	7,270	-0.000543	6,407	-0.000353	7,515
Female	-0.000040	5,368	-0.000048	4,914	-0.000360	6,407	-0.000431	5,625	-0.000299	6,407
January 2019										
Total	-0.000023	6,002	-0.000026	5,199	-0.000211	6,923	-0.000240	6,002	-0.000156	6,708
Male	-0.000048	6,002	-0.000050	4,878	-0.000482	7,244	-0.000505	6,002	-0.000338	7,244
Female	-0.000039	5,199	-0.000048	4,878	-0.000376	6,708	-0.000396	5,199	-0.000259	5,591
May 2019										
Total	-0.000023	5,957	-0.000026	5,178	-0.000200	6,582	-0.000250	6,310	-0.000163	7,060
Male	-0.000048	5,957	-0.000051	4,970	-0.000468	7,060	-0.000526	6,310	-0.000358	7,726
Female	-0.000039	5,178	-0.000048	4,970	-0.000333	5,957	-0.000477	6,310	-0.000274	5,957
Combined Months: July 2018 and January 2019										
Total	-0.000012	3,027	-0.000013	2,566	-0.000110	3,620	-0.000126	3,147	-0.000084	3,620
Male	-0.000024	3,027	-0.000025	2,458	-0.000241	3,620	-0.000265	3,147	-0.000176	3,775
Female	-0.000020	2,676	-0.000024	2,458	-0.000185	3,294	-0.000213	2,798	-0.000140	3,027
Combined Months: January 2019 and May 2019										
Total	-0.000012	3,027	-0.000013	2,656	-0.000108	3,572	-0.000120	3,027	-0.000082	3,572
Male	-0.000024	3,027	-0.000025	2,484	-0.000237	3,572	-0.000261	3,130	-0.000174	3,765
Female	-0.000020	2,656	-0.000024	2,484	-0.000175	3,130	-0.000221	2,919	-0.000134	2,919
Combined Months: July 2018, January 2019, and May 2019										
Total	-0.000008	2,061	-0.000009	1,840	-0.000074	2,433	-0.000085	2,149	-0.000056	2,433
Male	-0.000016	2,061	-0.000017	1,709	-0.000168	2,536	-0.000179	2,149	-0.000117	2,536
Female	-0.000014	1,840	-0.000017	1,709	-0.000120	2,149	-0.000149	1,972	-0.000095	2,061

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Tobacco Use Supplement, July 2018, January 2019, and May 2019.

[A] AIAN is American Indian and Alaska Native, and NHOPI is Native Hawaiian and Other Pacific Islander.

[B] Hispanics may be any race.

Notes: These parameters are to be applied to the Tobacco Use Supplement data. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. 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. 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. 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. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

Table 23. Parameters for Computation of Standard Errors for Tobacco Use Characteristics Using Self-response Weights: July 2018, January 2019, and May 2019

	Total		White Alone		Black Alone		Asian, AIAN, NHOPI[A]		Hispanic[B]	
Characteristic	***a***	***b***	***a***	***b***	***a***	***b***	***a***	***b***	***a***	***b***
July 2018										
Total	-0.000031	8,005	-0.000033	6,662	-0.000277	9,078	-0.000351	8,708	-0.000248	10,615
Male	-0.000067	8,369	-0.000068	6,662	-0.000669	10,009	-0.000738	8,708	-0.000533	11,357
Female	-0.000054	7,137	-0.000062	6,379	-0.000450	8,005	-0.000642	8,369	-0.000423	9,078
January 2019										
Total	-0.000029	7,436	-0.000031	6,215	-0.000245	8,058	-0.000298	7,436	-0.000205	8,805
Male	-0.000060	7,436	-0.000060	5,833	-0.000586	8,805	-0.000626	7,436	-0.000435	9,323
Female	-0.000047	6,215	-0.000057	5,833	-0.000417	7,436	-0.000474	6,215	-0.000344	7,436
May 2019										
Total	-0.000027	7,002	-0.000031	6,234	-0.000243	8,009	-0.000318	8,009	-0.000208	9,041
Male	-0.000059	7,438	-0.000064	6,234	-0.000571	8,602	-0.000668	8,009	-0.000471	10,177
Female	-0.000047	6,234	-0.000058	5,915	-0.000391	7,002	-0.000605	8,009	-0.000342	7,438
Combined Months: July 2018 and January 2019										
Total	-0.000016	4,221	-0.000017	3,465	-0.000141	4,644	-0.000178	4,443	-0.000123	5,295
Male	-0.000036	4,443	-0.000035	3,465	-0.000338	5,080	-0.000374	4,443	-0.000269	5,770
Female	-0.000027	3,594	-0.000032	3,264	-0.000236	4,221	-0.000307	4,031	-0.000195	4,221
Combined Months: January 2019 and May 2019										
Total	-0.000016	4,230	-0.000018	3,621	-0.000147	4,837	-0.000181	4,575	-0.000122	5,293
Male	-0.000037	4,575	-0.000037	3,621	-0.000351	5,293	-0.000382	4,575	-0.000277	5,986
Female	-0.000027	3,621	-0.000033	3,391	-0.000236	4,230	-0.000346	4,575	-0.000194	4,230
Combined Months: July 2018, January 2019, and May 2019										
Total	-0.000011	2,843	-0.000012	2,508	-0.000099	3,258	-0.000122	3,069	-0.000083	3,599
Male	-0.000024	2,964	-0.000024	2,385	-0.000239	3,599	-0.000256	3,069	-0.000181	3,906
Female	-0.000019	2,508	-0.000023	2,385	-0.000159	2,843	-0.000224	2,964	-0.000136	2,964

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Tobacco Use Supplement, July 2018, January 2019, and May 2019.

A AIAN is American Indian and Alaska Native, and NHOPI is Native Hawaiian and Other Pacific Islander.

B Hispanics may be any race.

Notes: These parameters are to be applied to the Tobacco Use Supplement data. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. 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. 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. 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. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

Table 24. Factors and Populations for State Standard Errors and Parameters: July 2018, January 2019, and May 2019

State	Factor	July 2018 Population	January 2019 Population	May 2019 Population	State	Factor	July 2018 Population	January 2019 Population	May 2019 Population
Alabama	1.13	4,809,089	4,816,211	4,819,163	**Montana**	0.22	1,047,080	1,051,544	1,054,308
Alaska	0.18	710,024	710,648	709,758	**Nebraska**	0.51	1,902,663	1,905,411	1,909,037
Arizona	1.16	7,019,747	7,125,989	7,163,648	**Nevada**	0.72	3,018,249	3,028,608	3,048,925
Arkansas	0.73	2,965,381	2,965,214	2,968,065	**New Hampshire**	0.35	1,333,772	1,343,259	1,345,051
California	1.16	39,246,745	39,123,774	39,164,099	**New Jersey**	1.15	8,929,760	8,816,567	8,820,161
Colorado	1.17	5,589,265	5,642,316	5,667,853	**New Mexico**	0.44	2,053,757	2,060,179	2,060,236
Connecticut	0.88	3,538,363	3,523,400	3,521,232	**New York**	1.19	19,619,181	19,281,675	19,259,293
Delaware	0.23	956,305	957,536	960,596	**North Carolina**	1.18	10,182,223	10,235,988	10,271,452
District of Columbia	0.18	693,281	694,979	697,062	**North Dakota**	0.18	737,934	745,625	747,319
Florida	1.12	20,996,893	21,143,146	21,240,301	**Ohio**	1.15	11,515,820	11,532,249	11,537,890
Georgia	1.16	10,341,190	10,368,621	10,400,005	**Oklahoma**	1.07	3,859,263	3,867,206	3,869,766
Hawaii	0.33	1,368,537	1,363,290	1,361,822	**Oregon**	1.06	4,160,582	4,174,082	4,187,707
Idaho	0.40	1,733,541	1,751,589	1,763,087	**Pennsylvania**	1.16	12,622,161	12,612,469	12,612,822
Illinois	1.16	12,578,628	12,534,399	12,515,984	**Rhode Island**	0.28	1,046,160	1,041,694	1,041,718
Indiana	1.14	6,601,747	6,609,764	6,618,318	**South Carolina**	1.12	4,992,454	5,017,956	5,038,210
Iowa	0.78	3,117,353	3,119,276	3,122,594	**South Dakota**	0.23	859,678	868,683	871,509
Kansas	0.81	2,855,869	2,849,026	2,848,690	**Tennessee**	1.14	6,677,426	6,695,116	6,713,971
Kentucky	1.16	4,386,467	4,391,959	4,395,986	**Texas**	1.17	28,213,811	28,412,145	28,532,463
Louisiana	1.06	4,576,789	4,551,506	4,546,834	**Utah**	0.51	3,132,295	3,163,984	3,182,808
Maine	0.42	1,327,409	1,325,371	1,326,093	**Vermont**	0.20	617,946	620,971	621,207
Maryland	1.19	5,982,211	5,953,001	5,957,222	**Virginia**	1.19	8,317,364	8,330,657	8,345,799
Massachusetts	1.13	6,820,680	6,848,699	6,858,769	**Washington**	1.17	7,421,038	7,481,885	7,516,988
Michigan	1.15	9,882,691	9,901,693	9,906,401	**West Virginia**	0.50	1,774,950	1,771,770	1,767,569
Minnesota	1.16	5,571,160	5,576,157	5,589,157	**Wisconsin**	1.16	5,746,142	5,753,621	5,759,197
Mississippi	0.71	2,916,560	2,915,894	2,914,105	**Wyoming**	0.16	564,021	567,241	566,713
Missouri	1.18	6,025,577	6,024,709	6,029,296					

Source: U.S. Census Bureau, Population Estimates Program, July 2018, January 2019, and May 2019.

Notes: The state population counts in this table are for the 0+ population for July 2018, January 2019, and May 2019. 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 25. Factors and Populations for Regional Standard Errors and Parameters: July 2018, January 2019, and May 2019

Region	Factor	July 2018 Population	January 2019 Population	May 2019 Population
Northeast	1.08	67,395,262	67,420,613	67,455,392
Midwest	1.09	55,855,432	55,414,105	55,406,346
South	1.11	122,641,657	123,088,905	123,438,569
West	1.03	77,064,881	77,245,129	77,447,952

Source: U.S. Census Bureau, Population Estimates Program, July 2018, January 2019, and May 2019.

Notes: The state population counts in this table are for the 0+ population for July 2018, January 2019, and May 2019. 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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ATTACHMENT 17

USER NOTES

This section will contain information relevant to the *Current Population Survey, January 2019: 2019: Tobacco Use Supplement File* that becomes available after the file is released.