

**CURRENT POPULATION SURVEY, JANUARY 2020  
DISPLACED WORKER, EMPLOYEE TENURE,  
AND OCCUPATIONAL MOBILITY SUPPLEMENT FILE**

**TECHNICAL DOCUMENTATION  
CPS—20**

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

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

# ATTACHMENT 1

## ABSTRACT

*Current Population Survey, January 2020: Displaced Worker, Employee Tenure, and Occupational Mobility Supplement [machine-readable data file] conducted by the Bureau of the Census for the Bureau of Labor Statistics. - Washington: Bureau of the Census [producer and distributor], 2020.*

### **Type of File**

Microdata; unit of observation is individuals within housing units.

### **Universe Description**

The universe consists of all persons in the civilian noninstitutional population of the United States living in households. The probability sample selected to represent the universe consists of approximately 50,000 households.

### **Subject-Matter Description**

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

The Displaced Worker questions were asked of all persons age 20 years or older who lost a job involuntarily within the last three years based on operating decisions of a firm, plant, or business in which the worker was employed. Data are provided on reasons for job displacement, industry and occupation of the former job, group health insurance coverage, job tenure, and weekly earnings. Additional data refer to periods of unemployment as well as number of jobs held, use of unemployment benefits, whether residence was changed to seek work in another area, current health insurance coverage, and current weekly earnings. The employee tenure and occupational mobility questions were asked of all persons 15 years and older who were employed during the reference week.

### **Geographic Coverage**

States, regions and divisions are identified in their entirety. Within confidentiality restrictions; indicators are provided for 278 selected core-based statistical areas (CBSA), 30 selected combined statistical areas (CSA), 217 counties, and 76 central cities in multi-central city core-based statistical areas or combined statistical areas. Also within confidentiality restrictions, indicators are provided for metropolitan/nonmetropolitan, central city/balance metropolitan, and CBSA size.

## Technical Description

**File Structure:** Rectangular.

**File Size:** 138,697 logical records; 1,222 character logical record length.

**File Sort Sequence:** State rank by CBSA/CSA rank by household identification number by line number.

## Reference Materials

*Current Population Survey, January 2020: Displaced Worker, Employee Tenure, and Occupation Mobility Supplement Technical Documentation.* Documentation contains this abstract, questionnaire facsimiles, and record layouts of the file. It is available on the Census Bureau's website at <http://www.census.gov/programs-surveys/cps/technical-documentation/complete.html>

U.S. 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 the accuracy of estimates and sampling errors. Reference copies should be available from most public libraries or Federal Depository Libraries.

For information about the Current Population Survey and other Census Bureau data products, be sure to visit our online FAQs on the Census Bureau's home page (<http://www.census.gov/>) where you can search our knowledge base and submit questions.

## File Availability

You can download the file from our FTP site at [http://thedataweb.rm.census.gov/ftp/cps\\_ftp.html](http://thedataweb.rm.census.gov/ftp/cps_ftp.html).

## ATTACHMENT 2

### OVERVIEW

#### Current Population Survey

##### Introduction

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

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

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

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

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

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

## **CPS Sample Design**

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

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

## **Relationship of Current Population Survey Files to Publications**

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

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

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

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

## **Geographic Limitations**

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

## Weights

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

1. **Noninterview adjustment.** The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a state. Similarity of sample areas is based on Core-Based Statistical Area (CBSA) status and size. Within each cluster, there is a further breakdown by residence. Each CBSA cluster is split by "principal city" and "balance of the CBSA." The proportion of occupied sample households not interviewed fluctuates around 8 percent depending on weather, vacations, etc.
2. **Ratio estimates.** The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole in such characteristics as age, race, sex, and state of residence. Because these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio adjustment as follows:
  - a. *First-stage ratio estimate.* The purpose of the first-stage ratio adjustment is to reduce the contribution to variance that results from selecting a sample of PSUs rather than drawing sample households from every PSU in the nation. This adjustment is made to the CPS weights in two race cells: black and nonblack; it is applied only to PSUs that are nonself-representing and for those states that have a substantial number of black households. The procedure corrects for differences that existed in each state cell at the time of the 2000 census between 1) the race distribution of the population in sample PSUs and 2) the race distribution of all PSUs (both 1 and 2 exclude self-representing PSUs).
  - b. *Second-stage ratio estimate.* This procedure substantially reduces the variability of estimates and corrects, to some extent, for CPS undercoverage. The CPS sample weights are adjusted to ensure that sample-based estimates of population match independent population controls. Three sets of controls are used:
    - 1) 51 state controls of the civilian noninstitutional population 16 years of age and older
    - 2) national civilian noninstitutional population controls for 14 hispanic and 5 nonhispanic age-sex categories
    - 3) national civilian noninstitutional population controls for 66 white, 42 black, and 10 "other" age-sex categories

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

## **Comparability of CPS From Microdata Files With Published Sources**

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



## **ATTACHMENT 3**

### **OVERVIEW**

#### **January 2020: Displaced Worker, Employee Tenure, and Occupational Mobility Supplement**

##### **General**

Census Bureau staff conducted the January 2020 Displaced Worker, Employee Tenure, and Occupational Mobility Survey as a supplement to that month's Current Population Survey (CPS). The CPS is a monthly labor force survey in which interviews are conducted in approximately 50,000 households across the country. Attachment 6 contains a copy of the labor force questions asked each month as part of the basic CPS questions. Attachment 8 is a copy of the January 2020 Displaced Worker, Employee Tenure, and Occupational Mobility questionnaire.

Attachment 2 comprises a description of the CPS entitled "Overview--Current Population Survey." A description of the January 2020 Displaced Workers, Employee Tenure and Occupational Mobility Survey follows.

##### **Data Collection**

Census Bureau staff conducted interviews during the period of January 19-25, 2020. This was a proxy response supplement; that is, a single respondent could provide answers for all eligible household members, provided the respondent him/herself was a household member 15 years of age or older.

All persons eligible for the labor force items were also eligible for the supplement. Persons 20 years of age and older, who lost or left a job in the last three years for selected reasons, were eligible for the first part of the supplement, which consists of the displaced workers items (SD1-SD27, including earnings items SLE1-SLE22 and SCE1-SCE25). Employed persons 15 years of age and older were eligible for the second part of the supplement, which consisted of the employee tenure and occupational mobility items (ST1-ST8 and ST20-ST31).

Interviewers received a 2-hour self-study that contained exercises on the basic labor force questions, item-by-item instructions for the supplement, supplement exercises, and practice interviews.

##### **Data Processing**

The data processing involved a consistency edit of all supplement items. The consistency edit mainly ensured that the entries within an individual record followed the correct skip

patterns; items with off-path entries were blanked whenever appropriate.

The data processing also involved the full allocation, by demographic characteristics, of missing earnings data.

There are two supplement weights associated with the January 2020 Displaced Worker and Employee Tenure supplement. The first weight, PWSUPWGT, should be used to tally the displaced worker items. The second weight, PWTENWGT, should be used for tallying the employee tenure section of the supplement. Use the correct supplement weight for tallying the supplement items.

The values and universe for each variable are defined in the supplement record layout found in Attachment 7.

### **January 2020 Displaced Worker and Employee Tenure Computer File**

**The CPS Labor Force Data.** The January 2020 CPS file contains 138,697 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 record, universe, and the values of each basic CPS variable included on the file.

The variable PRPERTYP (located in positions 161-162 on the CPS Basic Items Record Layout) determines the type of person as follows:

#### **PRPERTYP**

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

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

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

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

#### **HRINTSTA**

1 = Interview

2 = Type A Noninterview (These records represent households that were eligible for the January 2020 CPS interview but were not interviewed because no one was home, household members were temporarily absent, etc.)

3 = Type B Noninterview (These records represent sample addresses determined to be ineligible for the CPS by virtue of being vacant, demolished, nonresidential, etc.)

4 = Type C Noninterview (See explanation for Type B above.)

By combining the values of PRPERTYP (1-3) and HRINTSTA (2-4), the number of records can be determined.

The values of PRPERTYP are:

|                         | <u>Unweighted Counts</u> |
|-------------------------|--------------------------|
| 1 = Child               | 20,948                   |
| 2 = Adult civilian, 15+ | 95,889                   |
| 3 = Adult, Armed Forces | 402                      |

The values of HRINTSTA are:

|                         |        |
|-------------------------|--------|
| 2 = Type A Noninterview | 10,982 |
| 3 = Type B Noninterview | 9,951  |
| 4 = Type C Noninterview | 525    |

**January 2020 CPS/Displaced Worker and Employee Tenure Supplement File.** The January supplement data are in locations 1001 - 1222. (See Attachment 7.)

**Tallying the January 2020 Displaced Worker and Employee Tenure Supplement File.** The January 2020 supplement contains two distinct universes. The first universe comprises all persons 20 years of age and older who had been displaced from a job in the past three years. The second universe consists of each household member 15 years of age and older who was employed during reference week.

The variable PRSUPSAT (located in positions 1189 - 1190 on the supplement record layout) determines the supplement interview status of each person for the displaced workers part of the supplement. PRTENSAT (located in positions 1201 - 1202) determines the supplement interview status for each person eligible for the job tenure and occupational mobility portion of the supplement:

**PRSUPSAT**

- 1 = Not Eligible for Displaced Worker Items
- 2 = Interview - Displaced Worker Supplement
- 3 = Noninterview - Eligible for Displaced Workers Items, but not Interviewed

## PRTENSAT

- 1 = Not Eligible for Job Tenure and Occupational Mobility Items
- 2 = Interview - Job Tenure and Occupational Mobility Supplement
- 3 = Noninterview - Eligible for Job Tenure and Occupational Mobility Items, but not Interviewed

**Unweighted Counts.** Attachment 13 is a tally listing of unweighted counts from selected supplement items. Use these totals to ensure that the file is being accessed properly.

**Data Contact.** For questions regarding the January 2020 Displaced Worker and Employee Tenure data, contact Dorinda Allard at the Bureau of Labor Statistics on 202-691-6378.

## 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 2020\*  
 \*\*\*\*\*

| 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.<br>Use Part 1 only for matching backward in time and use in combination with Part 2 for matching forward in time. |          |
| HRMONTH  | 2    | MONTH OF INTERVIEW   | 16-17    |
|          |      | EDITED UNIVERSE: ALL HHLd's IN SAMPLE  |          |
|          |      | <u>VALID ENTRIES</u>   |          |
|          |      | 01 MIN VALUE   |          |
|          |      | 12 MAX VALUE   |          |
| HRYEAR4  | 4    | YEAR OF INTERVIEW  | 18-21    |
|          |      | EDITED UNIVERSE: ALL HHLd's IN SAMPLE  |          |
|          |      | <u>VALID ENTRIES</u>   |          |
|          |      | 1998 MIN VALUE   |          |
|          |      | 2999 MAX VALUE   |          |
| HURESPLI | 2    | LINE NUMBER OF THE CURRENT RESPONDENT  | 22 - 23  |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 0 MIN VALUE
- 99 MAX VALUE

|         |   |                    |         |
|---------|---|--------------------|---------|
| HUFINAL | 3 | FINAL OUTCOME CODE | 24 - 26 |
|---------|---|--------------------|---------|

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

VALID ENTRIES

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

| NAME     | SIZE | DESCRIPTION   | LOCATION |
|----------|------|---|----------|
|          |      | 244 MERGED<br>245 CONDEMNED<br>246 BUILT AFTER APRIL 1, 2000<br>247 UNUSED SERIAL NO./LISTING SHEET LINE<br>248 OTHER - SPECIFY<br>256 REMOVED DURING SUB-SAMPLING<br>257 UNIT ALREADY HAD A CHANCE OF SELECTION  |          |
| HUSPNISH | 2    | IS SPANISH THE ONLY LANGUAGE SPOKEN<br>BY ALL MEMBERS OF THIS HOUSEHOLD<br>WHO ARE 15 YEARS OF AGE OR OLDER?<br><br><u>VALID ENTRIES</u><br><br>1 SPANISH ONLY LANGUAGE SPOKEN  | 27 - 28  |
| HETENURE | 2    | ARE YOUR LIVING QUARTERS...<br>(READ ANSWER CATEGORIES)<br><br>EDITED UNIVERSE: HRINTSTA = 1 OR HUTYPB = 1-3<br><br><u>VALID ENTRIES</u><br><br>1 OWNED OR BEING BOUGHT BY A HH MEMBER<br>2 RENTED FOR CASH<br>3 OCCUPIED WITHOUT PAYMENT OF CASH RENT<br><br>NOTE: May be missing on the Basic CPS microdata files.<br>This will be updated on later releases of the same month's data.  | 29 - 30  |
| HEHOUSUT | 2    | TYPE OF HOUSING UNIT<br><br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>0 OTHER UNIT<br>1 HOUSE, APARTMENT, FLAT<br>2 HU IN NONTRANSIENT HOTEL, MOTEL, ETC.<br>3 HU PERMANENT IN TRANSIENT HOTEL, MOTEL<br>4 HU IN ROOMING HOUSE<br>5 MOBILE HOME OR TRAILER W/NO PERM. ROOM ADDED<br>6 MOBILE HOME OR TRAILER W/1 OR MORE PERM. ROOMS ADDED<br>7 HU NOT SPECIFIED ABOVE<br>8 QUARTERS NOT HU IN ROOMING OR BRDING HS<br>9 UNIT NOT PERM. IN TRANSIENT HOTL, MOTL<br>10 UNOCCUPIED TENT SITE OR TRLR SITE | 31 - 32  |



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

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

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

EDITED UNIVERSE: HPRINTSTA = 1

VALID ENTRIES

1 YES  
 2 NO

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

EDITED UNIVERSE: HETELHHD = 2

VALID ENTRIES

1 YES  
 2 NO

|          |   |                                      |         |
|----------|---|--------------------------------------|---------|
| HEPHONEO | 2 | IS A TELEPHONE INTERVIEW ACCEPTABLE? | 37 - 38 |
|----------|---|--------------------------------------|---------|

EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1

VALID ENTRIES

1 YES  
 2 NO

|          |   |   |         |
|----------|---|---|---------|
| HEFAMINC | 2 | FAMILY INCOME<br>(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.) | 39 - 40 |
|----------|---|---|---------|

Edited beginning January 2010

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

|         |   |                            |         |
|---------|---|----------------------------|---------|
| HUTYPEA | 2 | TYPE A NONINTERVIEW REASON | 41 - 42 |
|---------|---|----------------------------|---------|

VALID ENTRIES

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

|        |   |                             |         |
|--------|---|-----------------------------|---------|
| HUTYPB | 2 | TYPE B NON-INTERVIEW REASON | 43 - 44 |
|--------|---|-----------------------------|---------|

VALID ENTRIES

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

|         |   |                             |         |
|---------|---|-----------------------------|---------|
| HUTYPEC | 2 | TYPE C NON-INTERVIEW REASON | 45 - 46 |
|---------|---|-----------------------------|---------|

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

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

EDITED UNIVERSE: HRINTSTA = 1

|          |   |                  |         |
|----------|---|------------------|---------|
| HRINTSTA | 2 | INTERVIEW STATUS | 57 - 58 |
|----------|---|------------------|---------|

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

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

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

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

- 0 MIN VALUE
- 16 MAX VALUE

|         |   |                |         |
|---------|---|----------------|---------|
| HRHTYPE | 2 | HOUSEHOLD TYPE | 61 - 62 |
|---------|---|----------------|---------|

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 10 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 WITHFAMILY
- 10 GROUP QUARTERS WITHOUT FAMILY

|       |   |   |         |
|-------|---|---|---------|
| HRMIS | 2 | MONTH-IN-SAMPLE<br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE | 63 - 64 |
|-------|---|---|---------|

VALID ENTRIES

- 1 MIN VALUE
- 8 MAX VALUE

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

VALID ENTRIES

- 0 NONINTERVIEW/INDETERMINATE
- 1 PERSONAL
- 2 TELEPHONE

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

VALID ENTRIES

- 1 MIN VALUE
- 9 MAX VALUE

|          |   |   |         |
|----------|---|---|---------|
| HRLONGLK | 2 | LONGITUDINAL LINK INDICATOR<br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE | 69 - 70 |
|----------|---|---|---------|

VALID ENTRIES

- 10 MIS 1 OR REPLACEMENT HH (NO LINK)
- 2 MIS 2-4 OR MIS 6-8
- 3 MIS 5

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
| HRHHID2  | 5    | HOUSEHOLD IDENTIFIER (part 2)<br><br>EDITED UNIVERSE: ALL HHLD's IN SAMPLE<br><br>Part 1 of this number is found in columns 1-15 of the record.<br>Concatenate this item with Part 1 for matching forward in time.<br><br>The component parts of this number are as follows:<br>71-72 Numeric component of the sample number (HRSAMPLE)<br>73-74 Serial suffix-converted to numerics (HRSERSUF)<br>75 Household Number (HUHHNUM) | 71 - 75  |
| HWHHWTLN | 2    | Line Number (PULINENO) of the person whose PWSSWGT was donated as HWHHWGT for the household<br><br>EDITED UNIVERSE: HRINTSTA = 1<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>16 MAX VALUE  | 76-77    |
| FILLER   | 1    |  | 78 - 78  |
| HUBUS    | 2    | DOES ANYONE IN THIS HOUSEHOLD HAVE A BUSINESS OR A FARM?<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO  | 79 - 80  |
| HUBUSL1  | 2    | ENTER LINE NUMBER FOR HUBUS = 1<br><br><u>VALID ENTRIES</u><br><br>01 MIN VALUE<br>99 MAX VALUE  | 81 - 82  |
| HUBUSL2  | 2    | See BUSL1<br><br><u>VALID ENTRIES</u><br><br>1 MIN VALUE<br>99 MAX VALUE   | 83 - 84  |

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

## **A2. GEOGRAPHIC INFORMATION**

|        |   |                                       |         |
|--------|---|---------------------------------------|---------|
| GEREG  | 2 | REGION                                | 89 - 90 |
|        |   | EDITED UNIVERSE: ALL HHLD's IN SAMPLE |         |
|        |   | <u>VALID ENTRIES</u>                  |         |
|        |   | 1 NORTHEAST                           |         |
|        |   | 2 MIDWEST (FORMERLY NORTH CENTRAL)    |         |
|        |   | 3 SOUTH                               |         |
|        |   | 4 WEST                                |         |
| GEDIV  | 1 | DIVISION                              | 91 - 91 |
|        |   | EDITED UNIVERSE: ALL HHLD's IN SAMPLE |         |
|        |   | <u>VALID ENTRIES</u>                  |         |
|        |   | 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 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

|          |   |  |         |
|----------|---|--|---------|
| GESTFIPS | 2 | FEDERAL INFORMATION<br>PROCESSING STANDARDS<br>(FIPS) STATE CODE | 93 - 94 |
|----------|---|--|---------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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

|        |   |  |         |
|--------|---|--|---------|
| FILLER | 1 |  | 95 - 95 |
|--------|---|--|---------|

|        |   |  |          |
|--------|---|--|----------|
| GTCBSA | 5 | SPECIFIC METROPOLITAN CBSA CODE<br>(SEE GEOGRAPHIC ATTACHMENT) | 96 - 100 |
|--------|---|--|----------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

|       |                                   |
|-------|-----------------------------------|
| 00000 | NOT IDENTIFIED OR NONMETROPOLITAN |
| 10180 | MIN VALUE                         |
| 49740 | MAX VALUE                         |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| GTCO     | 3    | FIPS COUNTY CODE  | 101 - 103 |
|          |      | EDITED UNIVERSE: ALL HHLD's IN SAMPLE   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 000 NOT IDENTIFIED  |           |
|          |      | 001-810 SPECIFIC COUNTY CODE<br>(SEE GEOGRAPHIC ATTACHMENT)   |           |
|          |      | NOTE: THIS CODE MUST BE USED IN COMBINATION<br>WITH A STATE CODE (GESTFIPS or GESTCEN) IN<br>ORDER TO UNIQUELY IDENTIFY A COUNTY. ALSO,<br>MOST COUNTIES ARE <b>NOT</b> IDENTIFIED. |           |
| GTCBSAST | 1    | PRINCIPAL CITY/BALANCE STATUS   | 104 - 104 |
|          |      | EDITED UNIVERSE: ALL HHLD's IN SAMPLE   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 PRINCIPAL CITY  |           |
|          |      | 2 BALANCE   |           |
|          |      | 3 NONMETROPOLITAN   |           |
|          |      | 4 NOT IDENTIFIED  |           |
| GTMETSTA | 1    | METROPOLITAN STATUS   | 105 - 105 |
|          |      | EDITED UNIVERSE: ALL HHLD's IN SAMPLE   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 METROPOLITAN  |           |
|          |      | 2 NONMETROPOLITAN   |           |
|          |      | 3 NOT IDENTIFIED  |           |
| GTINDVPC | 1    | INDIVIDUAL PRINCIPAL CITY   | 106 - 106 |
|          |      | EDITED UNIVERSE: ALL HHLD's IN SAMPLE   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 0 NOT IDENTIFIED, NONMETROPOLITAN,<br>or NOT A CENTRAL CITY   |           |
|          |      | 1-7 SPECIFIC PRINCIPAL CITY CODE<br>(SEE GEOGRAPHIC ATTACHMENT )  |           |
|          |      | NOTE: WHENEVER POSSIBLE THIS CODE   |           |



| NAME  | SIZE | DESCRIPTION  | LOCATION  |
|---|------|--|-----------|
|   |      | IDENTIFIES SPECIFIC PRINCIPAL CITIES IN A METROPOLITAN AREA THAT HAS MULTIPLE PRINCIPAL CITIES. THIS CODE MUST BE USED IN COMBINATION WITH THE CBSA FIPS CODE (GTCBSA) IN ORDER TO UNIQUELY IDENTIFY A SPECIFIC CITY.  |           |
| GTCBSASZ  | 1    | Metropolitan Area (CBSA) SIZE<br><br>EDITED UNIVERSE: ALL HHLD's IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>0 NOT IDENTIFIED OR NONMETROPOLITAN<br>2 100,000 - 249,999<br>3 250,000 - 499,999<br>4 500,000 - 999,999<br>5 1,000,000 - 2,499,999<br>6 2,500,000 - 4,999,999<br>7 5,000,000+ | 107 - 107 |
| GTCSA   | 3    | Consolidated Statistical Area (CSA) FIPS CODE (SEE GEOGRAPHIC ATTACHMENT)<br><br>EDITED UNIVERSE: ALL HHLD's IN SAMPLE<br><br><u>VALID ENTRIES</u><br><br>000 NOT IDENTIFIED OR NONMETROPOLITAN<br>104 MIN VALUE<br>548 MAX VALUE  | 108-110   |
| FILLER  | 3    |  | 111 - 113 |
| <b><u>A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS</u></b> |      |  |           |
| FILLER  | 2    | Starting January 2014  | 114 - 117 |
| PERRP   | 2    | RELATIONSHIP TO REFERENCE PERSON<br><br>EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3   | 118 - 119 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

EXPANDED RELATIONSHIP CATEGORIES

- 1 REFERENCE PERSON W/RELS.
- 2 REFERENCE PERSON W/O RELS.
- 3 SPOUSE
- 4 CHILD
- 5 GRANDCHILD
- 6 PARENT
- 7 BROTHER/SISTER
- 8 OTHER REL. OR REF. PERSON
- 9 FOSTER CHILD
- 10 NONREL. OF REF. PERSON W/RELS.
- 11 NOT USED
- 12 NONREL. OF REF. PERSON W/O RELS.
- 13 UNMARRIED PARTNER W/RELS.
- 14 UNMARRIED PARTNER W/OUT RELS.
- 15 HOUSEMATE/ROOMMATE W/RELS.
- 16 HOUSEMATE/ROOMMATE W/OUT RELS.
- 17 ROOMER/BOARDER W/RELS.
- 18 ROOMER/BOARDER W/OUT RELS.

SEE LOCATION 114 - 115 FOR THE COLLAPSED VERSION

|        |   |                       |           |
|--------|---|-----------------------|-----------|
| FILLER | 2 | Starting January 2020 | 120 - 121 |
|--------|---|-----------------------|-----------|

|        |   |             |           |
|--------|---|-------------|-----------|
| 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, OR 3

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

|         |   |                       |           |
|---------|---|-----------------------|-----------|
| PRTFAGE | 1 | TOP CODE FLAG FOR AGE | 124 - 124 |
|---------|---|-----------------------|-----------|

VALID ENTRIES

0 NO TOP CODE  
 1 TOP CODED VALUE FOR AGE

|          |   |                |           |
|----------|---|----------------|-----------|
| PEMARITL | 2 | MARITAL STATUS | 125 - 126 |
|----------|---|----------------|-----------|

EDITED UNIVERSE: PRTAGE >= 15

VALID ENTRIES

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

|          |   |                       |           |
|----------|---|-----------------------|-----------|
| PESPOUSE | 2 | LINE NUMBER OF SPOUSE | 127 - 128 |
|----------|---|-----------------------|-----------|

EDITED UNIVERSE: PEMARITL = 1

VALID ENTRIES

-1 NO SPOUSE  
 01 MIN VALUE  
 99 MAX VALUE

|       |   |     |           |
|-------|---|-----|-----------|
| PESEX | 2 | SEX | 129 - 130 |
|-------|---|-----|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

1 MALE  
 2 FEMALE

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEAFEVER | 2    | DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES?<br><br><u>EDITED UNIVERSE:</u> PRTAGE >=17<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO   | 131 - 132 |
| FILLER   | 2    | Starting August 2005  | 133 - 134 |
| PEAFNOW  | 2    | ARE YOU NOW IN THE ARMED FORCES<br><br><u>EDITED UNIVERSE:</u> PRPERTYP = 2 or 3<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO   | 135 - 136 |
| PEEDUCA  | 2    | HIGHEST LEVEL OF SCHOOL COMPLETED OR DEGREE RECEIVED<br><br><u>EDITED UNIVERSE:</u> PRPERTYP = 2 OR 3<br><br><u>VALID ENTRIES</u><br><br>31 LESS THAN 1ST GRADE<br>32 1ST, 2ND, 3RD OR 4TH GRADE<br>33 5TH OR 6TH GRADE<br>34 7TH OR 8TH GRADE<br>35 9TH GRADE<br>36 10TH GRADE<br>37 11TH GRADE<br>38 12TH GRADE NO DIPLOMA<br>39 HIGH SCHOOL GRAD-DIPLOMA OR EQUIV (GED)<br>40 SOME COLLEGE BUT NO DEGREE<br>41 ASSOCIATE DEGREE-OCCUPATIONAL/VOCATIONAL<br>42 ASSOCIATE DEGREE-ACADEMIC PROGRAM<br>43 BACHELOR'S DEGREE (EX: BA, AB, BS)<br>44 MASTER'S DEGREE (EX: MA, MS, MEng, MEd, MSW)<br>45 PROFESSIONAL SCHOOL DEG (EX: MD, DDS, DVM)<br>46 DOCTORATE DEGREE (EX: PhD, EdD) | 137 - 138 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

|          |   |      |           |
|----------|---|------|-----------|
| PTDTRACE | 2 | RACE | 139 – 140 |
|----------|---|------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

- 1 White Only
- 2 Black Only
- 3 American Indian, Alaskan Native Only
- 4 Asian Only
- 5 Hawaiian/Pacific Islander Only
- 6 White-Black
- 7 White-AI
- 8 White-Asian
- 9 White-HP
- 10 Black-AI
- 11 Black-Asian
- 12 Black-HP
- 13 AI-Asian
- 14 AI-HP
- 15 Asian-HP
- 16 W-B-AI
- 17 W-B-A
- 18 W-B-HP
- 19 W-AI-A
- 20 W-AI-HP
- 21 W-A-HP
- 22 B-AI-A
- 23 W-B-AI-A
- 24 W-AI-A-HP
- 25 Other 3 Race Combinations
- 26 Other 4 and 5 Race Combinations

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

**Revised January 2014**

EDITED UNIVERSE: PEHSPNON = 1

**VALID ENTRIES**

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

|          |   |                                 |           |
|----------|---|---------------------------------|-----------|
| 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

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 NOT A FAMILY MEMBER
- 2 PRIMARY FAMILY MEMBER ONLY
- 3 SUBFAMILY NO. 2 MEMBER
- 4 SUBFAMILY NO. 3 MEMBER
- 5 SUBFAMILY NO. 4 MEMBER
- 6 SUBFAMILY NO. 5 MEMBER
- 7 SUBFAMILY NO. 6 MEMBER
- 8 SUBFAMILY NO. 7 MEMBER
- 9 SUBFAMILY NO. 8 MEMBER
- 10 SUBFAMILY NO. 9 MEMBER
- 11 SUBFAMILY NO. 10 MEMBER
- 12 SUBFAMILY NO. 11 MEMBER
- 13 SUBFAMILY NO. 12 MEMBER
- 14 SUBFAMILY NO. 13 MEMBER
- 15 SUBFAMILY NO. 14 MEMBER
- 16 SUBFAMILY NO. 15 MEMBER
- 17 SUBFAMILY NO. 16 MEMBER
- 18 SUBFAMILY NO. 17 MEMBER
- 19 SUBFAMILY NO. 18 MEMBER
- 20 SUBFAMILY NO. 19 MEMBER

|          |   |                            |           |
|----------|---|----------------------------|-----------|
| PRFAMREL | 2 | FAMILY RELATIONSHIP RECODE | 153 - 154 |
|----------|---|----------------------------|-----------|

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

VALID ENTRIES

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

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

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

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

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

- 1 HISPANIC
- 2 NON-HISPANIC

|          |   |  |           |
|----------|---|--|-----------|
| PRMARSTA | 2 | MARITAL STATUS BASED ON<br>ARMED FORCES PARTICIPATION EDITED | 159 - 160 |
|----------|---|--|-----------|

UNIVERSE: PRPERTYP = 2 OR 3

VALID ENTRIES

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

|          |   |                              |           |
|----------|---|------------------------------|-----------|
| 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, OR 3



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

|          |   |                           |           |
|----------|---|---------------------------|-----------|
| PEMNTVTY | 3 | MOTHER'S COUNTRY OF BIRTH | 166 - 168 |
|----------|---|---------------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

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

|          |   |                           |           |
|----------|---|---------------------------|-----------|
| PEFNTVTY | 3 | FATHER'S COUNTRY OF BIRTH | 169 - 171 |
|----------|---|---------------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

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

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

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

|          |   |                             |           |
|----------|---|-----------------------------|-----------|
| PRCITFLG | 2 | CITIZENSHIP ALLOCATION FLAG | 174 - 175 |
|----------|---|-----------------------------|-----------|

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

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

|          |   |                           |           |
|----------|---|---------------------------|-----------|
| PRINUSYR | 2 | IMMIGRANT'S YEAR OF ENTRY | 176 - 177 |
|----------|---|---------------------------|-----------|

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

VALID ENTRIES

- 1 NOT IN UNIVERSE (BORN IN U.S.)
- 00 NOT FOREIGN BORN
- 01 BEFORE 1950
- 02 1950-1959
- 03 1960-1964
- 04 1965-1969
- 05 1970-1974
- 06 1975-1979
- 07 1980-1981
- 08 1982-1983
- 09 1984-1985
- 10 1986-1987
- 11 1988-1989
- 12 1990-1991
- 13 1992-1993
- 14 1994-1995
- 15 1996-1997
- 16 1998-1999
- 17 2000-2001
- 18 2002-2003
- 19 2004-2005
- 20 2006-2007
- 21 2008-2009
- 22 2010-2011

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

23 2012-2015

**A4. PERSONS INFORMATION LABOR FORCE ITEMS**

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

VALID ENTRIES

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

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

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

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

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

VALID ENTRIES

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

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

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |
| PUBUS2OT | 2    | DO YOU RECEIVE ANY PAYMENTS<br>OR PROFITS FROM THE BUSINESS?  | 186 - 187 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 YES   |           |
|          |      | 2 NO  |           |
| PUBUSCK1 | 2    | CHECK ITEM 1<br>FILTER FOR QUESTIONS ON UNPAID WORK   | 188 - 189 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 GOTO PUBUS1   |           |
|          |      | 2 GOTO PURETCK1   |           |
| PUBUSCK2 | 2    | CHECK ITEM 2<br>SKIPS OWNERS OF FAMILY BUSINES WHO DID<br>NOT WORK LAST WEEK                            | 190 - 191 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 GOTO PUHRUSL1   |           |
|          |      | 2 GOTO PUBUS2   |           |
| PUBUSCK3 | 2    | CHECK ITEM 3  | 192 - 193 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 GOTO PUABSRSN   |           |
|          |      | 2 GOTO PULAY  |           |
| PUBUSCK4 | 2    | CHECK ITEM 4  | 194 - 195 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 GOTO PUHRUSL1   |           |
|          |      | 2 GOTO PUABSPD  |           |
| PURETOT  | 2    | RETIREMENT STATUS<br>(LAST MONTH YOU WERE REPORTED TO BE<br>RETIRED, ARE YOU STILL RETIRED THIS MONTH?) | 196 - 197 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 YES
- 2 NO
- 3 WAS NOT RETIRED LAST MONTH

|       |   |  |           |
|-------|---|--|-----------|
| PUDIS | 2 | DISABILITY STATUS<br>(LAST MONTH YOU WERE REPORTED TO<br>HAVE A DISABILITY.) DOES YOUR DISABILITY<br>CONTINUE TO PREVENT YOU FROM DOING ANY KIND<br>OF WORK FOR THE NEXT 6 MONTHS? | 198 - 199 |
|-------|---|--|-----------|

VALID ENTRIES

- 1 YES
- 2 NO
- 3 DID NOT HAVE DISABILITY LAST MONTH

|        |   |   |           |
|--------|---|---|-----------|
| PERET1 | 2 | DO YOU CURRENTLY WANT A JOB, EITHER<br>FULL OR PART-TIME? | 200 - 201 |
|--------|---|---|-----------|

EDITED UNIVERSE: PEMLR = 5 AND (PURETOT = 1 OR  
(PUWK = 3 AND PRTAGE >= 50) OR  
(PUABS = 3 AND PRTAGE >= 50) OR  
(PULAY = 3 AND PRTAGE >= 50))

VALID ENTRIES

- 1 YES
- 2 NO
- 3 HAS A JOB

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

VALID ENTRIES

- 1 YES
- 2 NO

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 YES
- 2 NO

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

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? | 208 - 209 |
|-------|---|---|-----------|

VALID ENTRIES

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

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

EDITED UNIVERSE: PEMLR = 2

VALID ENTRIES

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

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEABSPDO | 2    | ARE YOU BEING PAID BY YOUR<br>EMPLOYER FOR ANY OF THE<br>TIME OFF LAST WEEK?<br><br>EDITED UNIVERSE: PEABSRSN = 4-12, 14<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO                                   | 212 - 213 |
| PEMJOT   | 2    | DO YOU HAVE MORE THAN ONE JOB?<br><br>EDITED UNIVERSE: PEMLR = 1, 2<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO  | 214 - 215 |
| PEMJNUM  | 2    | ALTOGETHER, HOW MANY JOBS<br>DID YOU HAVE?<br><br>EDITED UNIVERSE: PEMJOT = 1<br><br><u>VALID ENTRIES</u><br><br>2 2 JOBS<br>3 3 JOBS<br>4 4 OR MORE JOBS   | 216 - 217 |
| PEHRUSL1 | 2    | HOW MANY HOURS PER WEEK DO YOU<br>USUALLY WORK AT YOUR MAIN JOB?<br><br>EDITED UNIVERSE: PEMJOT = 1 OR 2 AND PEMLR = 1 OR 2<br><br><u>VALID ENTRIES</u><br><br>-4 HOURS VARY<br>0 MIN VALUE<br>99 MAX VALUE | 218 - 219 |
| PEHRUSL2 | 2    | HOW MANY HOURS PER WEEK DO YOU<br>USUALLY WORK AT YOUR OTHER (JOB/JOBS)?  | 220 - 221 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | EDITED UNIVERSE: PEMJOT = 1 AND PEMLR = 1 OR 2                          |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | -4 HOURS VARY<br>0 MIN VALUE<br>99 MAX VALUE                            |           |
| PEHRFTPT | 2    | DO YOU USUALLY WORK 35 HOURS OR MORE PER WEEK?                          | 222 - 223 |
|          |      | EDITED UNIVERSE: PEHRUSL1 = -4 OR PEHRUSL2 = -4                         |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 YES<br>2 NO<br>3 HOURS VARY   |           |
| PEHRUSLT | 3    | SUM OF HRUSL1 AND HRUSL2.   | 224 - 226 |
|          |      | EDITED UNIVERSE: PEMLR = 1 OR 2   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | -4 VARIES<br>0 MIN VALUE<br>198 MAX VALUE                               |           |
| PEHRWANT | 2    | DO YOU WANT TO WORK A FULL-TIME WORK WEEK OF 35 HOURS OR MORE PER WEEK? | 227 - 228 |
|          |      | EDITED UNIVERSE: PEMLR = 1 AND (PEHRUSLT = 0-34<br>PEHRFTPT = 2)        |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 YES<br>2 NO<br>3 REGULAR HOURS ARE FULL-TIME                          |           |
| PEHRRSN1 | 2    | WHAT IS YOUR MAIN REASON FOR WORKING PART-TIME?                         | 229 - 230 |
|          |      | EDITED UNIVERSE: PEHRWANT = 1 (PEMLR = 1 AND PEHRUSLT < 35)             |           |



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 SLACK WORK/BUSINESS CONDITIONS
- 2 COULD ONLY FIND PART-TIME WORK
- 3 SEASONAL WORK
- 4 CHILD CARE PROBLEMS
- 5 OTHER FAMILY/PERSONAL OBLIGATIONS
- 6 HEALTH/MEDICAL LIMITATIONS
- 7 SCHOOL/TRAINING
- 8 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS
- 9 FULL-TIME WORKWEEK IS LESS THAN 35 HRS
- 10 OTHER - SPECIFY

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

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

VALID ENTRIES

- 1 CHILD CARE PROBLEMS
- 2 OTHER FAMILY/PERSONAL OBLIGATIONS
- 3 HEALTH/MEDICAL LIMITATIONS
- 4 SCHOOL/TRAINING
- 5 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS
- 6 FULL-TIME WORKWEEK LESS THAN 35 HOURS
- 7 OTHER - SPECIFY

|          |   |  |           |
|----------|---|--|-----------|
| PEHRRSN3 | 2 | WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK? | 233 - 234 |
|----------|---|--|-----------|

EDITED UNIVERSE: PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2  
(PEMLR = 1 AND PEHRUSLT = 35+)

VALID ENTRIES

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

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 9 LABOR DISPUTE<br>10 WEATHER AFFECTED JOB<br>11 SCHOOL/TRAINING<br>12 CIVIC/MILITARY DUTY<br>13 OTHER REASON  |           |
| PUHROFF1 | 2    | LAST WEEK, DID YOU LOSE OR TAKE<br>OFF ANY HOURS FROM YOUR JOB, FOR<br>ANY REASON SUCH AS ILLNESS, SLACK WORK,<br>VACATION, OR HOLIDAY?<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO | 235 - 236 |
| PUHROFF2 | 2    | HOW MANY HOURS DID YOU TAKE OFF?<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>99 MAX VALUE  | 237 - 238 |
| PUHROT1  | 2    | LAST WEEK, DID YOU WORK ANY<br>OVERTIME OR EXTRA HOURS (AT YOUR MAIN JOB)<br>THAT YOU DO NOT USUALLY WORK?<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO                              | 239 - 240 |
| PUHROT2  | 2    | HOW MANY ADDITIONAL HOURS<br>DID YOU WORK?<br><br><u>VALID ENTRIES</u><br><br>0 MIN VALUE<br>99 MAX VALUE  | 241 - 242 |
| PEHRACT1 | 2    | LAST WEEK, HOW MANY HOURS DID YOU<br>ACTUALLY WORK AT YOUR JOB?<br><br>EDITED UNIVERSE: PEMLR = 1  | 243 - 244 |

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

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PUHRCK2 | 2    | CHECK ITEM 2<br>SKIPS PERSONS RESPONDING YES TO<br>HRFTPT OUT OF PT SERIES<br><br><u>VALID ENTRIES</u><br>1 IF ENTRY OF 1 IN MJ AND<br>ENTRY OF D, R OR V IN HRUSL1<br>AND ENTRY OF D, R, V OR 0-34<br>IN HRUSL2 GOTO HRFTPT<br>2 IF ENTRY OF 1 IN MJ AND ENTRY<br>OF D, R OR V IN HRUSL2 AND<br>ENTRY OF D, R V OR 0-34 IN<br>HRUSL1 GOTO HRFTPT<br>3 IF ENTRY OF 2, D OR R IN MJ<br>AND ENTRY OF D, R OR V IN HRUSL1<br>GOTO HRFTPT<br>4 IF ENTRY OF 1 IN BUS1 AND ENTRY<br>OF D, R OR V IN HRUSL1 THEN<br>GOTO HRFTPT<br>5 ALL OTHERS GOTO HRCK3-C | 259 - 260 |
| PUHRCK3 | 2    | CHECK ITEM 3<br><br><u>VALID ENTRIES</u><br>1 IF ENTRY OF 1 IN ABSOT OR<br>(ENTRY OR 2 IN ABSOT AND<br>ENTRY OF 1 IN BUS AND CURRENT<br>R_P EQUALS BUSLST) THEN GOTO HRCK8<br>2 IF ENTRY OF 3 IN RET1 GOTO HRCK8<br>3 IF ENTRY IN HRUSLT IS 0-34 HOURS GOTO HRCK4-C<br>4 IF ENTRY IN HRUSLT IS 35+ GOTO HROFF1<br>5 ALL OTHERS GOTO HRCK4-C<br>6 GOTO PUHRCK4   | 261 - 262 |
| PUHRCK4 | 2    | CHECK ITEM 4  | 263 - 264 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 IF ENTRY OF 1, D, R OR V<br>IN HRFTPT THEN GOTO HRACT1  |           |
|          |      | 2 IF ENTRY OF 2, D OR R IN BUS2 THEN GOTO HROFF1  |           |
|          |      | 3 IF HRUSLT IS 0-34 THEN GOTO HRWANT  |           |
|          |      | 4 IF ENTRY OF 2 IN HRFTPT THEN GOTO HRWANT  |           |
|          |      | 5 ALL OTHERS GOTO HRACT1  |           |
| PUHRCK5  | 2    | CHECK ITEM 5  | 265 - 266 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 IF ENTRY OF 1 IN MJOT GOTO HRACT2   |           |
|          |      | 2 ALL OTHERS GOTO HRCK6-C   |           |
| PUHRCK6  | 2    | CHECK ITEM 6  | 267 - 268 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 IF HRACT1 AND HRACT2 EQ 0 AND<br>ENTRY OF 2, D, R IN BUS2 THEN GOTO LK  |           |
|          |      | 2 IF HRACT1 AND HRACT2 EQ 0 THEN<br>STORE 1 IN ABSOT AND GOTO ABSRSN  |           |
|          |      | 3 ALL OTHERS GOTO HRACTT-C  |           |
| PUHRCK7  | 2    | CHECK ITEM 7  | 269 - 270 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 1 (IF ENTRY OF 2, D OR R IN BUS2) AND<br>(HRACT1 LESS THAN 15 OR D) GOTO HRCK8  |           |
|          |      | 2 (IF ENTRY OF 2, D OR R IN BUS2) AND<br>(HRACT1 IS 15+) GOTO HRCK8   |           |
|          |      | 3 (IF HRUSLT IS 35+ OR IF ENTRY OF 1 IN HRFTPT)<br>AND (HRACTT < 35) AND ENTRY IN HRACT1 OR HRACT2<br>ISN'T D OR R THEN GOTO HRRSN3 |           |
|          |      | 4 IF ENTRY OF 1 IN HRWANT AND HRACTT < 35<br>AND (ENTRY OF 1, 2, 3 IN HRRSN1) GOTO HRAVL  |           |
|          |      | 5 ALL OTHERS GOTO HRCK8   |           |
| PUHRCK12 | 2    | CHECK ITEM 12   | 271 - 272 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 IF ENTRY OF 2, D OR R IN BUS2<br>AND HRACTT IS LESS THAN 15<br>OR D GOTO LK                                |           |
|          |      | 2 ALL OTHERS GOTO IOCK1  |           |
| PULAYDT  | 2    | HAS YOUR EMPLOYER GIVEN YOU A DATE<br>TO RETURN TO WORK?   | 273 - 274 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PULAY6M  | 2    | HAVE YOU BEEN GIVEN ANY INDICATION<br>THAT YOU WILL BE RECALLED TO WORK WITHIN<br>THE NEXT 6 MONTHS?         | 275 - 276 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PELAYAVL | 2    | COULD YOU HAVE RETURNED TO WORK<br>LAST WEEK IF YOU HAD BEEN RECALLED?                                       | 277 - 278 |
|          |      | EDITED UNIVERSE: PEMLR = 3   |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PULAYAVR | 2    | WHY IS THAT?   | 279 - 280 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 OWN TEMPORARY ILLNESS  |           |
|          |      | 2 GOING TO SCHOOL  |           |
|          |      | 3 OTHER  |           |
| PELAYLK  | 2    | EVEN THOUGH YOU ARE TO BE CALLED BACK<br>TO WORK, HAVE YOU BEEN LOOKING FOR WORK<br>DURING THE LAST 4 WEEKS. | 281 - 282 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | EDITED UNIVERSE: PELAYAVL= 1, 2                                    |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PELAYDUR | 3    | DURATION OF LAYOFF   | 283 - 285 |
|          |      | EDITED UNIVERSE: PELAYLK = 1, 2                                    |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 01-51 Weeks on layoff  |           |
|          |      | 52 52 weeks or more  |           |
|          |      | Topcoded at 52 weeks starting April 2011                           |           |
| PELAYFTO | 2    | FT/PT STATUS OF JOB FROM WHICH<br>SAMPLE PERSON WAS ON LAYOFF FROM | 286 - 287 |
|          |      | EDITED UNIVERSE: PELAYDUR = 0-120                                  |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PULAYCK1 | 2    | CHECK ITEM 1   | 288 - 289 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 GOTO PULAYCK3  |           |
|          |      | 2 GOTO PULAYFT   |           |
|          |      | 3 GOTO PULAYDR   |           |
| PULAYCK2 | 2    | CHECK ITEM 2<br>SCREEN FOR DEPENDENT LAYOFF                        | 290 - 291 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 GOTO PULAYDR3  |           |
|          |      | 2 GOTO PULAYFT   |           |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PULAYCK3 | 2    | CHECK ITEM 3<br>FILTER FOR DEPENDENT I & O<br><br><u>VALID ENTRIES</u><br><br>1 MISCK = 5 GOTO IO1INT<br>2 I-ICR = 1 OR I-OCR = 1, GOTO IO1INT<br>3 ALL OTHERS GOTO SCHCK  | 292 - 293 |
| PULK     | 2    | HAVE YOU BEEN DOING ANYTHING TO FIND<br>WORK DURING THE LAST 4 WEEKS?<br><br><u>VALID ENTRIES</u><br><br>1 YES<br>2 NO<br>3 RETIRED<br>4 DISABLED<br>5 UNABLE TO WORK  | 294 - 295 |
| PELKM1   | 2    | WHAT ARE ALL OF THE THINGS YOU HAVE<br>DONE TO FIND WORK DURING THE LAST<br>4 WEEKS? (FIRST METHOD)<br><br>EDITED UNIVERSE: PEMLR = 4<br><br><u>VALID ENTRIES</u><br><br>1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>12 NOTHING<br>13 OTHER PASSIVE | 296 - 297 |
| PULKM2   | 2    | ANYTHING ELSE? (SECOND METHOD)   | 298 - 299 |



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

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

VALID ENTRIES

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

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

VALID ENTRIES

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

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
|         |      | 8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE   |           |
| PULKM5  | 2    | SAME AS PULKM2 (FIFTH METHOD)   | 304 - 305 |
|         |      | <u>VALID ENTRIES</u><br>1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE |           |
| PULKM6  | 2    | SAME AS PULKM2 (SIXTH METHOD)   | 306 - 307 |
|         |      | <u>VALID ENTRIES</u><br>1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE |           |
| PULKDK1 | 2    | YOU SAID YOU HAVE BEEN TRYING TO<br>FIND WORK. HOW DID YOU GO ABOUT LOOKING?<br>(FIRST METHOD)  | 308 - 309 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

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

VALID ENTRIES

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

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

VALID ENTRIES

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

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
|         |      | 8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE   |           |
| PULKDK4 | 2    | SAME AS PULKDK2 (FOURTH METHOD)   | 314 - 315 |
|         |      | <u>VALID ENTRIES</u><br>1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE |           |
| PULKDK5 | 2    | SAME AS PULKDK2 (FIFTH METHOD)  | 316 - 317 |
|         |      | <u>VALID ENTRIES</u><br>1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE |           |
| PULKDK6 | 2    | SAME AS PULKDK2 (SIXTH METHOD)  | 318 - 319 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

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

VALID ENTRIES

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

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

VALID ENTRIES

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

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
|         |      | 7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE   |           |
| PULKPS3 | 2    | SAME AS PULKPS2 (THIRD METHOD)  | 324 - 325 |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE |           |
| PULKPS4 | 2    | SAME AS PULKPS2 (FOURTH METHOD)   | 326 - 327 |
|         |      | <u>VALID ENTRIES</u>  |           |
|         |      | 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW<br>2 CONTACTED PUBLIC EMPLOYMENT AGENCY<br>3 CONTACTED PRIVATE EMPLOYMENT AGENCY<br>4 CONTACTED FRIENDS OR RELATIVES<br>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER<br>6 SENT OUT RESUMES/FILLED OUT APPLICATION<br>7 CHECKED UNION/PROFESSIONAL REGISTERS<br>8 PLACED OR ANSWERED ADS<br>9 OTHER ACTIVE<br>10 LOOKED AT ADS<br>11 ATTENDED JOB TRAINING PROGRAMS/COURSES<br>13 OTHER PASSIVE |           |
| PULKPS5 | 2    | SAME AS PULKPS2 (FIFTH METHOD)  | 328 - 329 |

| 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

|         |   |                               |           |
|---------|---|-------------------------------|-----------|
| PULKPS6 | 2 | SAME AS PULKPS2 (SIXTHMETHOD) | 330 - 331 |
|---------|---|-------------------------------|-----------|

VALID ENTRIES

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

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

EDITED UNIVERSE: PELKM1 = 1 - 13

VALID ENTRIES

- 1 YES
- 2 NO

|         |   |              |           |
|---------|---|--------------|-----------|
| PULKAVR | 2 | WHY IS THAT? | 334 - 335 |
|---------|---|--------------|-----------|

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

|          |   |  |           |
|----------|---|--|-----------|
| PELKLL10 | 2 | BEFORE YOU STARTED LOOKING FOR WORK, WHAT WERE YOU DOING: WORKING, GOING TO SCHOOL, OR SOMETHING ELSE? | 336 - 337 |
|----------|---|--|-----------|

EDITED UNIVERSE: PELKAVL = 1-2

VALID ENTRIES

- 1 WORKING
- 2 SCHOOL
- 3 LEFT MILITARY SERVICE
- 4 SOMETHING ELSE

|          |   |  |           |
|----------|---|--|-----------|
| PELKLL20 | 2 | DID YOU LOSE OR QUIT THAT JOB, OR WAS IT A TEMPORARY JOB THAT ENDED? | 338 - 339 |
|----------|---|--|-----------|

EDITED UNIVERSE: PELKLL10 = 1 OR 3

VALID ENTRIES

- 1 LOST JOB
- 2 QUIT JOB
- 3 TEMPORARY JOB ENDED

|         |   |                  |           |
|---------|---|------------------|-----------|
| PELKLWO | 2 | WHEN LAST WORKED | 340 - 341 |
|---------|---|------------------|-----------|

EDITED UNIVERSE: PELKLL10 = 1 - 4

VALID ENTRIES

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

|         |   |                         |           |
|---------|---|-------------------------|-----------|
| PELKDUR | 3 | DURATION OF JOB SEEKING | 342 - 344 |
|---------|---|-------------------------|-----------|

EDITED UNIVERSE: PELKLWO = 1 - 3



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

Topcoded at 119 weeks starting April 2011

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

EDITED UNIVERSE: PELKDUR = 0-120

VALID ENTRIES

1 YES  
 2 NO  
 3 DOESN'T MATTER

|          |   |  |           |
|----------|---|--|-----------|
| PEDWWNT0 | 2 | DO YOU CURRENTLY WANT A JOB,<br>EITHER FULL OR PART TIME? EDITED | 347 - 348 |
|----------|---|--|-----------|

UNIVERSE: PUDWCK1 = 3, 4, -1

VALID ENTRIES

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

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

EDITED UNIVERSE: PUDWCK4 = 4, -1

VALID ENTRIES

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

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 8 IN SCHOOL OR OTHER TRAINING<br>9 ILL-HEALTH, PHYSICAL DISABILITY<br>10 TRANSPORTATION PROBLEMS<br>11 OTHER - SPECIFY |           |
| PEDWLKO  | 2    | DID YOU LOOK FOR WORK AT ANY TIME<br>IN THE LAST 12 MONTHS   | 351 - 352 |
|          |      | EDITED UNIVERSE: (PUDWCK4 = 1-3) or (PEDWRSN = 1-11)   |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES<br>2 NO  |           |
| PEDWWK   | 2    | DID YOU ACTUALLY WORK AT A JOB OR<br>BUSINESS DURING THE LAST 12 MONTHS?   | 353 - 354 |
|          |      | EDITED UNIVERSE: PEDWLKO = 1   |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES<br>2 NO  |           |
| PEDW4WK  | 2    | DID YOU DO ANY OF THIS WORK DURING<br>THE LAST 4 WEEKS?  | 355 - 356 |
|          |      | EDITED UNIVERSE: PEDWWK = 1  |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES<br>2 NO  |           |
| PEDWLKWK | 2    | SINCE YOU LEFT THAT JOB OR<br>BUSINESS HAVE YOU LOOKED FOR WORK?   | 357 - 358 |
|          |      | EDITED UNIVERSE: PEDW4WK = 2   |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES<br>2 NO  |           |

| NAME    | SIZE | DESCRIPTION   | LOCATION  |
|---------|------|---|-----------|
| PEDWAVL | 2    | <p>LAST WEEK, COULD YOU HAVE STARTED<br/>A JOB IF ONE HAD BEEN OFFERED?</p> <p>EDITED UNIVERSE: (PEDWWK = 2) or (PEDWLKWK = 1)</p> <p><u>VALID ENTRIES</u></p> <p>1 YES<br/>2 NO</p>  | 359 - 360 |
| PEDWAVR | 2    | <p>WHY IS THAT?</p> <p>EDITED UNIVERSE: PEDWAVL = 2</p> <p><u>VALID ENTRIES</u></p> <p>1 OWN TEMPORARY ILLNESS<br/>2 GOING TO SCHOOL<br/>3 OTHER</p>  | 361 - 362 |
| PUDWCK1 | 2    | <p>SCREEN FOR DISCOURAGED WORKERS</p> <p><u>VALID ENTRIES</u></p> <p>1 IF ENTRY OF 2 IN BUS2 GOTO PUSCHCK<br/>2 IF ENTRY OF 3 ON ABSRSN GOTO PUNLFCK1<br/>3 IF ENTRY OF 1 IN RET1, STORE 1 IN DWWNT0<br/>AND GOTO PUDWCK4<br/>4 ALL OTHERS GOTO PUDWWNT</p> | 363 - 364 |
| PUDWCK2 | 2    | <p>SCREEN FOR DISABLED</p> <p><u>VALID ENTRIES</u></p> <p>1 IF ENTRY IN DIS1 OR DIS2 GOTO PUJHCK1-C<br/>2 IF ENTRY OF 4 IN DWWNT GOTO PUDIS1<br/>3 IF ENTRY OF 5 IN DWWNT GOTO PUDIS2<br/>4 ALL OTHERS GOTO PUDWCK4</p>                                     | 365 - 366 |
| PUDWCK3 | 2    | <p>FILTER FOR RETIRED</p> <p><u>VALID ENTRIES</u></p> <p>1 IF AGERNG EQUALS 1-4 OR 9 GOTO PUDWCK4<br/>2 ALL OTHERS GOTO PUNLFCK2</p>  | 367 - 368 |

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
| PUDWCK4  | 2    | FILTER FOR PASSIVE JOB SEEKERS   | 369 - 370 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 IF ENTRY OF 10 AND/OR 11 AND/OR 13<br>ONLY IN LKM1-LKM3 GOTO PUDWCK5         |           |
|          |      | 2 IF ENTRY OF 10 AND/OR 11 AND/OR 13<br>ONLY IN LKDK1-LKDK3 GOTO PUDWCK5       |           |
|          |      | 3 IF ENTRY OF 10 AND/OR 11 AND/OR 13<br>ONLY IN LKPS1-LKPS3 GOTO PUDWCK5       |           |
|          |      | 4 ALL OTHERS GOTO PUDWRSN  |           |
| PUDWCK5  | 2    | FILTER FOR PASSIVE JOB SEEKERS   | 371 - 372 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 IF ENTRY OF 1 IN LK THEN STORE 1<br>INDWLKO AND GOTO PUDWCK                  |           |
|          |      | 2 ALL OTHERS GOTO PUDWLK   |           |
| PEJHWKO  | 2    | HAVE YOU WORKED AT A JOB OR BUSINESS<br>AT ANY TIME DURING THE PAST 12 MONTHS? | 373 - 374 |
|          |      | EDITED UNIVERSE: HRMIS = 4 or 8 AND PEMLR = 5, 6, AND 7                        |           |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PUJHDP10 | 2    | DID YOU DO ANY OF THIS WORK IN<br>THE LAST 4 WEEKS?                            | 375 - 376 |
|          |      | <u>VALID ENTRIES</u>   |           |
|          |      | 1 YES  |           |
|          |      | 2 NO   |           |
| PEJHRSN  | 2    | WHAT IS THE MAIN REASON YOU LEFT<br>YOUR LAST JOB?                             | 377 - 378 |
|          |      | EDITED UNIVERSE: PEJHWKO = 1   |           |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

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

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

VALID ENTRIES

- 1 YES, OR IT DEPENDS
- 2 NO

|         |   |                               |           |
|---------|---|-------------------------------|-----------|
| PUJHCK1 | 2 | FILTER FOR OUTGOING ROTATIONS | 381 - 382 |
|---------|---|-------------------------------|-----------|

VALID ENTRIES

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

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

VALID ENTRIES

- 1 IF ENTRY OF 1 IN DWWK AND I-MLR= 3, 4  
THEN STORE 1 IN JHWKO, STORE DW4WK  
IN JHDP10 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 PUJHCK1

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

EDITED UNIVERSE: PEMLR = 2

VALID ENTRIES

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

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PRCIVLF  | 2    | CIVILIAN LABOR FORCE<br>EDITED UNIVERSE: PEMLR = 1-7<br><u>VALID ENTRIES</u><br>1 INCIVILIAN LABOR FORCE<br>2 NOT IN CIVILIAN LABOR FORCE   | 387 - 388 |
| PRDISC   | 2    | DISCOURAGED WORKER RECODE<br>EDITED UNIVERSE: PRJOBSEA = 1-4<br><u>VALID ENTRIES</u><br>1 DISCOURAGED WORKER<br>2 CONDITIONALLY INTERESTED<br>3 NOT AVAILABLE   | 389 - 390 |
| PREMPHRS | 2    | REASON NOT AT WORK OR HOURS AT WORK<br>EDITED UNIVERSE: PEMLR = 1-7<br><u>VALID ENTRIES</u><br>0 UNEMPLOYED AND NILF<br>1 W/JOB, NOT AT WORK-ILLNES<br>2 W/JOB, NOT AT WORK-VACATION<br>3 W/JOB, NOT AT WORK-WEATHER AFFECTED JOB<br>4 W/JOB, NOT AT WORK-LABOR DISPUTE<br>5 W/JOB, NOT AT WORK-CHILD CARE PROBLEMS<br>6 W/JOB, NOT AT WORK-FAM/PERS OBLIGATION<br>7 W/JOB, NOT AT WORK-MATERNITY/PATERNITY<br>8 W/JOB, NOT AT WORK-SCHOOL/TRAINING<br>9 W/JOB, NOT AT WORK-CIVIC/MILITARY DUTY<br>10 W/JOB, NOT AT WORK-DOES NOT WORK IN BUS<br>11 W/JOB, NOT AT WORK-OTHER<br>12 AT WORK- 1-4 HRS<br>13 AT WORK- 5-14 HRS<br>14 AT WORK- 15-21 HRS<br>15 AT WORK- 22-29 HRS<br>16 AT WORK- 30-34 HRS<br>17 AT WORK- 35-39 HRS<br>18 AT WORK- 40 HRS | 391 - 392 |

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | 19 AT WORK- 41-47 HRS<br>20 AT WORK- 48 HRS<br>21 AT WORK- 49-59 HRS<br>22 AT WORK- 60 HRS OR MORE  |           |
| PREMPNOT | 2    | MLR - EMPLOYED, UNEMPLOYED, OR NILF<br><br>EDITED UNIVERSE: PEMLR = 1-7<br><br><u>VALID ENTRIES</u><br><br>1 EMPLOYED<br>2 UNEMPLOYED<br>3 NOT IN LABOR FORCE (NILF)-discouraged<br>4 NOT IN LABOR FORCE (NILF)-other | 393 - 394 |
| PREXPFL  | 2    | EXPERIENCED LABOR FORCE EMPLOYMENT<br><br>EDITED UNIVERSE: PEMLR = 1-4 AND<br>PELKLWO ne 3<br><br><u>VALID ENTRIES</u><br><br>1 EMPLOYED<br>2 UNEMPLOYED  | 395 - 396 |
| PRFTLF   | 2    | FULL TIME LABOR FORCE<br><br>EDITED UNIVERSE: PEMLR = 1-4<br><br><u>VALID ENTRIES</u><br><br>1 FULL TIME LABOR FORCE<br>2 PART TIME LABOR FORCE   | 397 - 398 |
| PRHRUSL  | 2    | USUAL HOURS WORKED WEEKLY<br><br>EDITED UNIVERSE: PEMLR = 1-2<br><br><u>VALID ENTRIES</u><br><br>1 0-20 HRS<br>2 21-34 HRS<br>3 35-39 HRS<br>4 40 HRS   | 399 - 400 |



| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 5 41-49 HRS<br>6 50 OR MORE HRS<br>7 VARIES-FULL TIME<br>8 VARIES-PART TIME  |           |
| PRJOBSEA | 2    | JOB SEARCH RECODE<br><br>EDITED UNIVERSE: PRWNTJOB = 1<br><br><u>VALID ENTRIES</u><br><br>1 LOOKED LAST 12 MONTHS, SINCE COMPLETING PREVIOUS JOB<br>2 LOOKED AND WORKED IN THE LAST 4 WEEKS<br>3 LOOKED LAST 4 WEEKS - LAYOFF<br>4 UNAVAILABLE JOB SEEKERS<br>5 NO RECENT JOB SEARCH   | 401 - 402 |
| PRPTHRS  | 2    | AT WORK 1-34 BY HOURS AT WORK<br><br>EDITED UNIVERSE: PEMLR = 1 AND<br>PEHRACTT = 1-34<br><br><u>VALID ENTRIES</u><br><br>0 USUALLY FT, PT FOR NONECONOMIC REASONS<br>1 USUALLY.FT, PT ECON REASONS; 1-4 HRS<br>2 USUALLY.FT, PT ECON REASONS; 5-14 HRS<br>3 USUALLY.FT, PT ECON REASONS; 15-29 HRS<br>4 USUALLY.FT, PT ECON REASONS; 30-34 HRS<br>5 USUALLY.PT, ECON REASONS; 1-4 HRS<br>6 USUALLY.PT, ECON REASONS; 5-14 HRS<br>7 USUALLY.PT, ECON REASONS; 15-29 HRS<br>8 USUALLY.PT, ECON REASONS; 30-34 HRS<br>9 USUALLY.PT, NON-ECON REASONS; 1-4 HRS<br>10 USUALLY.PT, NON-ECON REASONS; 5-14 HRS<br>11 USUALLY.PT, NON-ECON REASONS; 15-29 HRS<br>12 USUALLY.PT, NON-ECON REASONS; 30-34 HRS | 403 - 404 |
| PRPTREA  | 2    | DETAILED REASON FOR PART-TIME<br><br>EDITED UNIVERSE: PEMLR = 1 AND<br>(PEHRUSLT = 0-34 OR PEHRACTT = 1-34)  | 405 - 406 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 USU. FT-SLACK WORK/BUSINESS CONDITIONS
- 2 USU. FT-SEASONAL WORK
- 3 USU. FT-JOBSTARTED/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 |
|--------|---|--|-----------|

|          |   |                         |           |
|----------|---|-------------------------|-----------|
| PRUNTYPE | 2 | REASON FOR UNEMPLOYMENT | 412 - 413 |
|----------|---|-------------------------|-----------|

EDITED UNIVERSE: PEMLR = 3-4

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

|         |   |                                       |           |
|---------|---|---------------------------------------|-----------|
| PRWKSCH | 2 | LABOR FORCE BY TIME<br>WORKED OR LOST | 414 - 415 |
|---------|---|---------------------------------------|-----------|

EDITED UNIVERSE: PEMLR = 1 - 7

VALID ENTRIES

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

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

EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

- 1 NOT IN LABOR FORCE
- 2 FT HOURS (35+), USUALLY FT
- 3 PT FOR ECONOMIC REASONS, USUALLY FT
- 4 PT FOR NON-ECONOMIC REASONS, USUALLY FT
- 5 NOT AT WORK, USUALLY FT
- 6 PT HRS, USUALLY PT FOR ECONOMIC REASONS
- 7 PT HRS, USUALLY PT FOR NON-ECONOMIC REASONS
- 8 FT HOURS, USUALLY PT FOR ECONOMIC REASONS
- 9 FT HOURS, USUALLY PT FOR NON-ECONOMIC
- 10 NOT AT WORK, USUALLY PART-TIME
- 11 UNEMPLOYED FT
- 12 UNEMPLOYED PT

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

EDITED UNIVERSE: PEMLR = 5-7

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 WANT A JOB   |           |
|         |      | 2 OTHER NOT IN LABOR FORCE   |           |
| PUJHCK3 | 2    | JOB HISTORY CHECK ITEM   | 420 - 421 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 IF I-MLR EQ 3 OR 4 THEN GOTO PUJHDP1   |           |
|         |      | 2 ALL OTHERS GOTO PUJHRSN  |           |
| PUJHCK4 | 2    | SCREEN FOR DEPENDENT NILF  | 422 - 423 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 IF ENTRY OF 2, D OR R IN PUDW4WK OR IN PUJHDP10 THEN GOTO PUJHCK5  |           |
|         |      | 2 IF ENTRY OF 1 IN PUDW4WK OR IN PUJHDP10 THEN GOTO PUIO1INT   |           |
|         |      | 3 IF I-MLR EQUALS 1 OR 2 AND ENTRY IN PUJHRSN THEN GOTO PUJHCK5  |           |
|         |      | 4 IF ENTRY IN PUJHRSN THEN GOTO PUIO1INT   |           |
|         |      | 5 ALL OTHERS GOTO PUNLFCK1   |           |
| PUJHCK5 | 2    | SCREEN FOR DEPENDENT NILF  | 424 - 425 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 IF I-IO1ICR EQUALS 1 OR I-IO1OCR EQUALS 1 THEN GOTO PUIO1INT   |           |
|         |      | 2 ALL OTHERS GOTO PUIOCK5  |           |
| PUIODP1 | 2    | LAST MONTH, IT WAS REPORTED THAT YOU WORKED FOR (EMPLOYER'S NAME). DO STILL WORK FOR (EMPLOYER'S NAME) (AT YOUR MAIN JOB)? | 426 - 427 |
|         |      | <u>VALID ENTRIES</u>   |           |
|         |      | 1 YES  |           |
|         |      | 2 NO   |           |
| PUIODP2 | 2    | HAVE THE USUAL ACTIVITIES AND DUTIES OF YOUR JOB CHANGED SINCE LAST MONTH?   | 428 - 429 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 YES
- 2 NO

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

VALID ENTRIES

- 1 YES
- 2 NO

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

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

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

VALID ENTRIES

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

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 MANUFACTURING
- 2 RETAIL TRADE
- 3 WHOLESALE TRADE
- 4 SOMETHING ELSE

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

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

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

VALID ENTRIES

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

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

VALID ENTRIES

- 1 MANUFACTURING
- 2 RETAIL TRADE
- 3 WHOLESALE TRADE
- 4 SOMETHING ELSE

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

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

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

VALID ENTRIES

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

|         |   |                    |           |
|---------|---|--------------------|-----------|
| PUIOCK3 | 2 | I & O CHECK ITEM 3 | 456 - 457 |
|---------|---|--------------------|-----------|

VALID ENTRIES

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

|         |   |   |           |
|---------|---|---|-----------|
| PRIOELG | 2 | INDUSTRY AND OCCUPATION<br>ELIGIBILITY FLAG | 458 - 459 |
|---------|---|---|-----------|

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

VALID ENTRIES

- 0 NOT ELIGIBLE FOR EDIT
- 1 ELIGIBLE FOR EDIT

| NAME    | SIZE | DESCRIPTION  | LOCATION  |
|---------|------|--|-----------|
| PRAGNA  | 2    | AGRICULTURE/<br>NON-AGRICULTURE INDUSTRY<br><br>EDITED UNIVERSE: PRIOELG = 1<br><br><u>VALID ENTRIES</u><br><br>1 AGRICULTURAL<br>2 NON-AGRICULTURAL   | 460 - 461 |
| PRCOW1  | 2    | CLASS OF WORKER<br>RECODE - JOB 1<br><br>EDITED UNIVERSE: PRIOELG = 1<br><br><u>VALID ENTRIES</u><br><br>1 FEDERAL GOVT<br>2 STATE GOVT<br>3 LOCAL GOVT<br>4 PRIVATE (INCL. SELF-EMPLOYED INCORP.)<br>5 SELF-EMPLOYED, UNINCORP.<br>6 WITHOUT PAY                                      | 462 - 463 |
| PRCOW2  | 2    | CLASS OF WORKER<br>RECODE - JOB 2<br><br>EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND<br>HRMIS = 4 OR 8<br><br><u>VALID ENTRIES</u><br><br>1 FEDERAL GOVT<br>2 STATE GOVT<br>3 LOCAL GOVT<br>4 PRIVATE (INCL. SELF-EMPLOYED INCORP.)<br>5 SELF-EMPLOYED, UNINCORP.<br>6 WITHOUT PAY | 464 - 465 |
| PRCOWPG | 2    | COW - PRIVATE OR GOVERNMENT<br><br>EDITED UNIVERSE: PEIO1COW = 1 - 5   | 466 - 467 |



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 PRIVATE
- 2 GOVERNMENT

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

EDITED UNIVERSE: Prioelg = 1

VALID ENTRIES

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

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

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

VALID ENTRIES

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

|          |   |                                  |           |
|----------|---|----------------------------------|-----------|
| PRDTIND1 | 2 | DETAILED INDUSTRY RECODE - JOB 1 | 472 - 473 |
|----------|---|----------------------------------|-----------|

EDITED UNIVERSE: Prioelg = 1

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

| NAME     | SIZE | DESCRIPTION  | LOCATION  |
|----------|------|--|-----------|
|          |      | 41 Hospitals   |           |
|          |      | 42 Health care services, except hospitals                      |           |
|          |      | 43 Social assistance   |           |
|          |      | 44 Arts, entertainment, and recreation                         |           |
|          |      | 45 Accommodation   |           |
|          |      | 46 Food services and drinking places                           |           |
|          |      | 47 Repair and maintenance                                      |           |
|          |      | 48 Personal and laundry services                               |           |
|          |      | 49 Membership associations and organizations                   |           |
|          |      | 50 Private households  |           |
|          |      | 51 Public administration                                       |           |
|          |      | 52 Armed forces  |           |
| PRDTIND2 | 2    | DETAILED INDUSTRY RECODE - JOB 2                               | 474 - 475 |
|          |      | EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8 |           |

VALID ENTRIES

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

| NAME | SIZE | DESCRIPTION  | LOCATION |
|------|------|--|----------|
|      |      | 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
- 3    Computer and mathematical science occupations
- 4    Architecture and engineering occupations
- 5    Life, physical, and social science occupations
- 6    Community and social service occupations

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

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

|          |   |                            |           |
|----------|---|----------------------------|-----------|
| PRDTOCC2 | 2 | DETAILED OCCUPATION RECODE | 478 - 479 |
|----------|---|----------------------------|-----------|

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

VALID ENTRIES

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

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

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

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

VALID ENTRY

- 1 EMPLOYED PERSONS (EXC. FARM & PRIV HH)

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

EDITED UNIVERSE: PRDTIND1 = 1-51

VALID ENTRIES

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

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

EDITED UNIVERSE: PRDTIND2 = 1-51

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

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

|         |   |                                   |           |
|---------|---|-----------------------------------|-----------|
| PRMJOC1 | 2 | MAJOR OCCUPATION RECODE<br>- JOB1 | 486 - 487 |
|---------|---|-----------------------------------|-----------|

EDITED UNIVERSE: PRDTOCC1 = 1-46

VALID ENTRIES

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

|         |   |                                   |           |
|---------|---|-----------------------------------|-----------|
| PRMJOC2 | 2 | MAJOR OCCUPATION RECODE<br>- JOB2 | 488 - 489 |
|---------|---|-----------------------------------|-----------|

EDITED UNIVERSE: PRDTOCC2 = 1-46

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

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

|          |   |                             |           |
|----------|---|-----------------------------|-----------|
| PRMJOCGR | 2 | MAJOR OCCUPATION CATEGORIES | 490 - 491 |
|----------|---|-----------------------------|-----------|

EDITED UNIVERSE: PRMJOC = 1-11

VALID ENTRIES

- 1 Management, professional, and related occupations
- 2 Service occupations
- 3 Sales and office occupations
- 4 Farming, fishing, and forestry occupations
- 5 Construction, and maintenance occupations
- 6 Production, transportation, and material moving occupations
- 7 Armed Forces

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

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

VALID ENTRY

- 1 NON-AG PRIV WAGE & SALARY

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

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



| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRY

|         |   |                                  |           |
|---------|---|----------------------------------|-----------|
|         |   | 1 NON-AG WAGE AND SALARY WORKERS |           |
| PR SJMJ | 2 | SINGLE/MULTIPLE JOBHOLDER RECODE | 496 - 497 |
|         |   | EDITED UNIVERSE: PEMLR = 1 OR 2  |           |

VALID ENTRIES

|         |   |   |           |
|---------|---|---|-----------|
|         |   | 1 SINGLE JOBHOLDER                              |           |
|         |   | 2 MULTIPLE JOBHOLDER                            |           |
| PR RELG | 2 | EARNINGS ELIGIBILITY FLAG                       | 498 - 499 |
|         |   | EDITED UNIVERSE: PEMLR = 1-2 AND HRMIS = 4 OR 8 |           |

VALID ENTRIES

|           |   |   |           |
|-----------|---|---|-----------|
|           |   | 0 NOT ELIGIBLE FOR EDIT   |           |
|           |   | 1 ELIGIBLE FOR EDIT   |           |
| PE ERNUOT | 2 | DO YOU USUALLY RECEIVE OVERTIME PAY,<br>TIPS, OR COMMISSIONS AT YOUR JOB? | 500 - 501 |
|           |   | EDITED UNIVERSE: PR RELG = 1  |           |

VALID ENTRIES

|           |   |                              |           |
|-----------|---|------------------------------|-----------|
|           |   | 1 YES                        |           |
|           |   | 2 NO                         |           |
| PE ERNPER | 2 | PERIODICITY                  | 502 - 503 |
|           |   | EDITED UNIVERSE: PR RELG = 1 |           |

VALID ENTRIES

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

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

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
| PEERNH10 | 4    | OUT VARIABLE FOR HOURLY<br>RATE OF PAY (2 IMPLIED DECIMALS)<br>EDITED UNIVERSE: PEERNPER = 1  | 516 - 519 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 0 MIN VALUE<br>9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO<br>such that PEERNHRO x PEERNHLY < or = 2884.61) |           |
| PRERNHLY | 4    | RECODE FOR HOURLY RATE<br>2 IMPLIED DECIMALS  | 520 - 523 |
|          |      | EDITED UNIVERSE: PEERNPER = 1 OR PEERNRT = 1  |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 0 MIN VALUE<br>9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO<br>such that PEERNHRO x PEERNHLY < or = 2884.61) |           |
| PTHR     | 1    | HOURLY PAY - TOP CODE   | 524 - 524 |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 0 NOT TOPCODED<br>1 TOPCODED  |           |
| PEERNHRO | 2    | USUAL HOURS   | 525 - 526 |
|          |      | EDITED UNIVERSE: PEERNH10 = ENTRY   |           |
|          |      | <u>VALID ENTRIES</u>  |           |
|          |      | 0 MIN VALUE<br>99 MAX VALUE   |           |
| PRERNWA  | 8    | WEEKLY EARNINGS RECODE<br>2 IMPLIED DECIMALS  | 527 - 534 |
|          |      | EDITED UNIVERSE: PRERELG = 1  |           |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

0 MIN VALUE  
288461 MAX VALUE

|      |   |                            |           |
|------|---|----------------------------|-----------|
| PTWK | 1 | WEEKLY EARNINGS - TOP CODE | 535 - 535 |
|------|---|----------------------------|-----------|

0 NOT TOPCODED  
1 TOPCODED

|        |   |  |           |
|--------|---|--|-----------|
| FILLER | 4 |  | 536 - 539 |
|--------|---|--|-----------|

|       |   |   |           |
|-------|---|---|-----------|
| PEERN | 8 | CALCULATED WEEKLY OVERTIME AMOUNT<br>2 IMPLIED DECIMALS | 540 - 547 |
|-------|---|---|-----------|

EDITED UNIVERSE: PEERNUOT = 1 AND PEERNPER = 1

VALID ENTRIES

0 MIN VALUE  
288461 MAX VALUE

|        |   |  |           |
|--------|---|--|-----------|
| PUERN2 | 8 | CALCULATED WEEKLY<br>OVERTIME AMOUNT<br>2 IMPLIED DECIMALS | 548 - 555 |
|--------|---|--|-----------|

VALID ENTRIES

0 MIN VALUE  
288461 MAX VALUE

|      |   |                                   |           |
|------|---|-----------------------------------|-----------|
| PTOT | 1 | WEEKLY OVERTIME AMOUNT - TOP CODE | 556 - 556 |
|------|---|-----------------------------------|-----------|

VALID ENTRIES

0 NOT TOPCODED  
1 TOPCODED

|        |   |  |           |
|--------|---|--|-----------|
| FILLER | 2 |  | 557 - 558 |
|--------|---|--|-----------|

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

EDITED UNIVERSE: PEERNPER = 6

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 01 MIN VALUE
- 52 MAX VALUE

|          |   |  |           |
|----------|---|--|-----------|
| PEERNLAB | 2 | ON THIS JOB, ARE YOU A MEMBER OF A LABOR UNION OR OF AN EMPLOYEE ASSOCIATION SIMILAR TO A UNION? | 561 - 562 |
|----------|---|--|-----------|

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

VALID ENTRIES

- 1 YES
- 2 NO

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

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

VALID ENTRIES

- 1 YES
- 2 NO

|         |   |  |           |
|---------|---|--|-----------|
| PENLFJH | 2 | WHEN DID YOU LAST WORK AT A JOB OR BUSINESS? | 565 - 566 |
|---------|---|--|-----------|

EDITED UNIVERSE: HRMIS = 4 OR 8 AND PEMLR = 3-7

VALID ENTRIES

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

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

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

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 YES
- 2 NO

|          |   |  |           |
|----------|---|--|-----------|
| PENLFACT | 2 | WHAT BEST DESCRIBES YOUR SITUATION AT THIS TIME? FOR EXAMPLE, ARE YOU DISABLED, ILL, IN SCHOOL, TAKING CARE OF HOUSE OR FAMILY, OR SOMETHING ELSE? | 569 - 570 |
|----------|---|--|-----------|

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

VALID ENTRIES

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

|          |   |                                      |           |
|----------|---|--------------------------------------|-----------|
| PUNLFCK1 | 2 | NOT IN LABOR FORCE<br>CHECK ITEM - 1 | 571 - 572 |
|----------|---|--------------------------------------|-----------|

VALID ENTRIES

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

|          |   |                                      |           |
|----------|---|--------------------------------------|-----------|
| PUNLFCK2 | 2 | NOT IN LABOR FORCE<br>CHECK ITEM - 2 | 573 - 574 |
|----------|---|--------------------------------------|-----------|

VALID ENTRIES

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

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

EDITED UNIVERSE: PRPERTYP = 2 and PRTAGE = 16-54

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

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)<br>ONLY USED FOR TALLYING FAMILY CHARACTERISTICS. | 583 - 592 |
|---------|----|--|-----------|

EDITED UNIVERSE: PRPERTYP = 1-3

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

VALID ENTRIES

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



| 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**

- 0 VALUE - NO CHANGE
- 1 BLANK - NO CHANGE
- 2 DON'T KNOW - NO CHANGE
- 3 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)<br>ALLOCATION FLAG     |           |
|          |      | EDITED UNIVERSE: PRERELG = 1                            |           |
|          |      | 1 NO ALLOCATION   |           |
|          |      | 2 ONE OR MORE COMPONENTS OF THE<br>RECODE ARE ALLOCATED |           |
| PRHERNAL | 2    | ALLOCATION FLAG   | 641 - 642 |
|          |      | HOURLY EARNINGS RECODE (PRERNHLY)<br>ALLOCATION FLAG    |           |
|          |      | EDITED UNIVERSE: PRERNHRY = 1                           |           |
|          |      | 1 NO ALLOCATION   |           |
|          |      | 2 ONE OR MORE COMPONENT OF THE<br>RECODE ARE ALLOCATED  |           |
| HXTENURE | 2    | ALLOCATION FLAG<br>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 |
| FILLER   | 2    | STARTING JAN.2020                                       | 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 |
| PXERNHIO | 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?<br><br>EDITED UNIVERSE = PEEDUCA = 39<br><br><u>VALID ENTRIES</u><br><br>1 Graduation from high school<br>2 GED or other equivalent  | 822 - 823 |
| PEHGCOMP | 2    | What was the highest grade of regular school...completed before receiving...'s GED?<br><br>EDITED UNIVERSE = PEDIPGED = 2<br><br><u>VALID ENTRIES</u><br><br>1 Less than 1st grade<br>2 1st, 2nd, 3rd, or 4th grade<br>3 5th or 6th grade<br>4 7th or 8th grade<br>5 9th grade | 824 - 825 |

| NAME      | SIZE | DESCRIPTION   | LOCATION  |
|-----------|------|---|-----------|
|           |      | 6 10th grade<br>7 11th grade<br>8 12th grade (no diploma)   |           |
| PECYC     | 2    | How many years of college credit has...completed?<br><br>EDITED UNIVERSE: PEEDUCA =40-42<br><br><u>VALID ENTRIES</u><br><br>1 Less than 1 year (includes 0 years completed)<br>2 The first or Freshman year<br>3 The second or Sophomore year<br>4 The third or Junior year<br>5 Four or more years | 826 - 827 |
| PADDING   | 6    |   | 828 - 833 |
| PXDIPGED  | 2    | ALLOCATION FLAG   | 834 - 835 |
| PXHGCCOMP | 2    | ALLOCATION FLAG   | 836 - 837 |
| PXCYC     | 2    | ALLOCATION FLAG   | 838 - 839 |
| PADDING   | 6    |   | 840 - 845 |
| PWCMPWGT  | 10   | Composited Final Weight. Used to create<br>BLS's published labor force statistics (4 implied<br>decimal places)<br><br>EDITED UNIVERSE: PRPERTYP = 2 AND<br>PRTAGE = 16+  | 846 - 855 |
| PEIOICD   | 4    | INDUSTRY CODE FOR PRIMARY JOB<br><br>EDITED UNIVERSE: (PEMLR = 1-3)<br>OR (PEMLR = 4 AND PELKLWO = 1-2)<br>OR (PEMLR = 5 AND (PENLFJH = 1 OR<br>PEJHWKO = 1))<br>OR (PEMLR = 6 AND PENLFJH = 1)<br>OR (PEMLR = 7 AND PEJHWKO=1)   | 856 - 859 |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

0 MIN VALUE  
9999 MAX VALUE

|          |   |                                  |           |
|----------|---|----------------------------------|-----------|
| PEIO10CD | 4 | OCCUPATION CODE FOR PRIMARY JOB. | 860 - 863 |
|----------|---|----------------------------------|-----------|

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

VALID ENTRIES

0 MIN VALUE  
9999 MAX VALUE

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

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

VALID ENTRIES

0 MIN VALUE  
9999 MAX VALUE

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

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

VALID ENTRIES

0 MIN VALUE  
9999 MAX VALUE

|          |   |                                      |           |
|----------|---|--------------------------------------|-----------|
| PRIMIND1 | 2 | INTERMEDIATE INDUSTRY RECODE (JOB 1) | 872 - 873 |
|----------|---|--------------------------------------|-----------|

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

1 AGRICULTURE, FORESTRY, FISHING, and HUNTING  
2 MINING  
3 CONSTRUCTION



| 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 |
|----------|---|-----------------|-----------|

|        |   |                       |           |
|--------|---|-----------------------|-----------|
| PEPAR2 | 2 | LINE NUMBER OF FATHER | 886 - 887 |
|--------|---|-----------------------|-----------|

EDITED UNIVERSE: ALL

VALID ENTRIES

- 1 NO FATHER PRESENT
- 01 MIN VALUE
- 16 MAX VALUE

|        |   |                       |           |
|--------|---|-----------------------|-----------|
| PEPAR1 | 2 | LINE NUMBER OF MOTHER | 888 - 889 |
|--------|---|-----------------------|-----------|

| NAME      | SIZE | DESCRIPTION   | LOCATION  |
|-----------|------|---|-----------|
|           |      | EDITED UNIVERSE: ALL  |           |
|           |      | <u>VALID ENTRIES</u>  |           |
|           |      | -1 NO MOTHER PRESENT<br>01 MIN VALUE<br>16 MAX VALUE        |           |
| PEPAR2TYP | 2    | TYPE OF FATHER  | 890 – 891 |
|           |      | EDITED UNVERSE: ALL   |           |
|           |      | -1 NO FATHER PRESENT<br>1 BIOLOGICAL<br>2 STEP<br>3 ADOPTED |           |
| PEPAR1TYP | 2    | TYPE OF MOTHER  | 892 - 893 |
|           |      | EDITED UNVERSE: ALL   |           |
|           |      | -1 NO MOTHER PRESENT<br>1 BIOLOGICAL<br>2 STEP<br>3 ADOPTED |           |
| PECOHAB   | 2    | LINE NUMBER OF COHABITING PARTNER                           | 894 - 895 |
|           |      | EDITED UNIVERSE: ALL  |           |
|           |      | <u>VALID ENTRIES</u>  |           |
|           |      | -1 NO PARTNER PRESENT<br>01 MIN VALUE<br>16 MAX VALUE       |           |
| PXPAR2    | 2    | ALLOCATION FLAG   | 896 - 897 |
| PXPAR1    | 2    | ALLOCATION FLAG   | 898 - 899 |
| PXPAR2TYP | 2    | ALLOCATION FLAG   | 900 - 901 |

| NAME      | SIZE | DESCRIPTION  | LOCATION  |
|-----------|------|--|-----------|
| PXPAR1TYP | 2    | ALLOCATION FLAG  | 902 - 903 |
| PXCOHAB   | 2    | ALLOCATION FLAG  | 904 - 905 |
| PEDISEAR  | 2    | IS...DEAF OR DOES...HAVE SERIOUS DIFFICULTY HEARING?   | 906 - 907 |
|           |      | EDITED UNIVERSE: PRPERTYP = 2  |           |
|           |      | <u>VALID ENTRIES</u>   |           |
|           |      | 1 Yes  |           |
|           |      | 2 No   |           |
| PEDISEYE  | 2    | IS...BLIND OR DOES...HAVE SERIOUS DIFFICULTY SEEING EVEN WHEN WEARING GLASSES?   | 908 - 909 |
|           |      | EDITED UNIVERSE: PRPERTYP = 2  |           |
|           |      | <u>VALID ENTRIES</u>   |           |
|           |      | 1 Yes  |           |
|           |      | 2 No   |           |
| PEDISREM  | 2    | BECAUSE OF A PHYSICAL, MENTAL, OR EMOTIONAL CONDITION, DOES...HAVE SERIOUS DIFFICULTY CONCENTRATING, REMEMBERING, OR MAKING DECISIONS? | 910 - 911 |
|           |      | EDITED UNIVERSE: PRPERTYP = 2  |           |
|           |      | <u>VALID ENTRIES</u>   |           |
|           |      | 1 Yes  |           |
|           |      | 2 No   |           |
| PEDISPHY  | 2    | DOES...HAVE SERIOUS DIFFICULTY WALKING OR CLIMBING STAIRS?   | 912 - 913 |
|           |      | EDITED UNIVERSE: PRPERTYP = 2  |           |

| NAME | SIZE | DESCRIPTION | LOCATION |
|------|------|-------------|----------|
|------|------|-------------|----------|

VALID ENTRIES

- 1 Yes
- 2 No

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

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

- 1 Yes
- 2 No

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

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

- 1 Yes
- 2 No

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

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

VALID ENTRIES:

- 1 Yes
- 2 No

|          |   |                 |           |
|----------|---|-----------------|-----------|
| PXDISEAR | 2 | ALLOCATION FLAG | 920 - 921 |
|----------|---|-----------------|-----------|

|          |   |                 |           |
|----------|---|-----------------|-----------|
| PXDISEYE | 2 | ALLOCATION FLAG | 922 - 923 |
|----------|---|-----------------|-----------|

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

EDITED UNIVERSE: PTDTRACE = 4

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

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

See location 681-682 for the allocation flag.

| NAME     | SIZE | DESCRIPTION   | LOCATION  |
|----------|------|---|-----------|
|          |      | <p>EDITED UNIVERSE: PEPDEMP1 = 1</p> <p><u>VALID ENTRIES</u></p> <p>01-74    Number of employees<br/> 75        75 or more employees<br/> Note that this item is topcoded at 75 employees.</p>  |           |
| PEPDEMP2 | 2    | <p>DOES THIS PERSON USUALLY HAVE ANY PAID EMPLOYEES?</p> <p>See location 787-788 for the allocation flag.</p> <p>EDITED UNIVERSE: HRMIS = 3 or 4 and PEIO1COW = 6 or 7</p> <p><u>VALID ENTRIES</u></p> <p>1    YES<br/> 2    NO</p>   | 940 - 941 |
| PTNMEMP2 | 2    | <p>EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE?</p> <p>See location 789-790 for the allocation flag.</p> <p>EDITED UNIVERSE: PEPDEMP1 = 1</p> <p><u>VALID ENTRIES</u></p> <p>01-09    Number of employees<br/> 10        10 or more employees<br/> Note that this item is topcoded at 10 employees.</p> | 942 - 943 |
| PECERT1  | 2    | <p>DO YOU HAVE A CURRENTLY ACTIVE PROFESSIONAL CERTIFICATE OR A STATE OR INDUSTRY LICENSE?</p> <p>See location 950-951 for the allocation flag.</p>   | 944 - 945 |



EDITED UNIVERSE: PRPERTYP = 02

VALID ENTRIES

- 1 YES
- 2 NO

|         |   |  |           |
|---------|---|--|-----------|
| PECERT2 | 2 | WERE ANY OF YOUR CERTIFICATIONS OR LICENSES ISSUED BY THE FEDERAL, STATE, OR LOCAL GOVERNMENT? | 946 - 947 |
|---------|---|--|-----------|

See location 952-953 for the allocation flag.

EDITED UNIVERSE: PECERT1 = 1

VALID ENTRIES

- 1 YES
- 2 NO

|         |   |  |           |
|---------|---|--|-----------|
| PECERT3 | 2 | IS YOUR CERTIFICATION REQUIRED FOR YOUR JOB? MAIN JOB? JOB FROM WHICH YOU ARE ON LAYOFF? JOB AT WHICH YOU LAST WORKED? | 948 - 949 |
|---------|---|--|-----------|

See location 954-955 for the allocation flag.

EDITED UNIVERSE: PECERT2 = 1

VALID ENTRIES

- 1 YES
- 2 NO

|         |   |                 |           |
|---------|---|-----------------|-----------|
| PXCERT1 | 2 | ALLOCATION FLAG | 950 - 951 |
|---------|---|-----------------|-----------|

|         |   |                 |           |
|---------|---|-----------------|-----------|
| PXCERT2 | 2 | ALLOCATION FLAG | 952 - 953 |
|---------|---|-----------------|-----------|

|         |   |                 |           |
|---------|---|-----------------|-----------|
| PXCERT3 | 2 | ALLOCATION FLAG | 954 - 955 |
|---------|---|-----------------|-----------|

**End of Basic CPS Portion of the Record**

## ATTACHMENT 7

### SUPPLEMENT RECORD LAYOUT

Current Population Survey, January 2020  
Displaced Worker, Employee Tenure, and  
Occupational Mobility Supplement

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
| PESD1       | 2           | <p>During the last 3 calendar years, that is, January 2017 through December 2019, did you lose a job, or leave one because: your plant or company closed or moved, your position or shift was abolished, insufficient work or another similar reason?</p> <p>EDITED UNIVERSE:</p> <p>All household members 20+ years old</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't Know<br/>-3 Refused</p>   | 1001-1002       |
| PESD2       | 2           | <p>Which of these specific reasons describes why you are no longer working at that job?</p> <p>EDITED UNIVERSE:</p> <p>PESD1 = 1</p> <p>VALID ENTRIES:</p> <p>1 Plant or company closed down or moved<br/>Plant or company operating but lost or left job because of:<br/>2 Insufficient work<br/>3 Position or shift abolished<br/>4 Seasonal job completed<br/>5 Self-operated business failed<br/>6 Some other reason<br/>-2 Don't Know<br/>-3 Refused</p> | 1003-1004       |
| PESD3       | 2           | <p>In what year did you last work at that job?</p> <p>EDITED UNIVERSE:</p> <p>PESD2 = 1, 2, or 3</p>  | 1005-1006       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>   | <u>LOCATION</u> |
|-------------|-------------|--|-----------------|
|             |             | <p>VALID ENTRIES:</p> <p>1 2017<br/>2 2018<br/>3 2019<br/>4 Other<br/>-2 Don't Know<br/>-3 Refused<br/>-9 No response</p>  |                 |
| PESD4       | 2           | <p>Do you expect to be recalled to that job within the next 6 months?</p> <p>EDITED UNIVERSE:</p> <p>PESD2 = 2 or 3 and PESD3 = 3</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't Know<br/>-3 Refused<br/>-9 No response</p>  | 1007-1008       |
| PESD5       | 2           | <p>Had you been given written advance notice informing you that (fill: the plant or business would be closed / you would lose your job)?</p> <p>EDITED UNIVERSE:</p> <p>PESD3 = 1, 2, 3, -2, -3, or -9</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't Know<br/>-3 Refused<br/>-9 No Response</p> | 1009-1010       |
| PESD6       | 2           | <p>How long before you were to have lost your job did you receive that notice?</p> <p>EDITED UNIVERSE:</p> <p>PESD5 = 1</p> <p>VALID ENTRIES:</p> <p>1 Less than 1 month<br/>2 1 to 2 months<br/>3 More than 2 months<br/>-2 Don't Know</p>  | 1011-1012       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
|             |             | -3 Refused<br>-9 No response  |                 |
| PESCOW1     | 2           | Class of Worker<br><br>EDITED UNIVERSE:<br><br>Entry in PUSD7, PUSD8 or PUSD9<br><br>VALID ENTRIES:<br><br>1 Federal government<br>2 State government<br>3 Local government<br>4 Private for profit<br>5 Private, nonprofit<br>6 Self-employed, incorporated<br>7 Self-employed, unincorporated<br>8 Without pay<br>9 Unknown<br>10 Government, level unknown<br>11 Self-employed, incorporation status unknown<br>-9 No response   | 1013-1014       |
| PES1ICD     | 4           | Industry Code<br><br>EDITED UNIVERSE:<br><br>Entry in PUSD10, PUSD11, or PUSD12<br><br>VALID ENTRIES:<br><br>0010-9990 Industry Code<br>-9 No response  | 1015-1018       |
| PRSDIND     | 2           | Detailed Industry Recode<br><br>VALID ENTRIES:<br><br>1 Agriculture<br>2 Forestry, logging, fishing, hunting, and trapping<br>3 Mining<br>4 Construction<br>5 Nonmetallic mineral product manufacturing<br>6 Primary metals and fabricated metal products<br>7 Machinery manufacturing<br>8 Computer and electronic product manufacturing<br>9 Electrical equipment, appliance manufacturing<br>10 Transportation equipment manufacturing<br>11 Wood products<br>12 Furniture and fixtures manufacturing<br>13 Miscellaneous and not specified manufacturing<br>14 Food manufacturing<br>15 Beverage and tobacco products | 1019-1020       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
|             |             | 16 Textile, apparel, and leather manufacturing<br>17 Paper and printing<br>18 Petroleum and coal products manufacturing<br>19 Chemical manufacturing<br>20 Plastics and rubber products<br>21 Wholesale trade<br>22 Retail trade<br>23 Transportation and warehousing<br>24 Utilities<br>25 Publishing industries (except internet)<br>26 Motion picture and sound recording industries<br>27 Broadcasting (except internet)<br>28 Internet publishing and broadcasting<br>29 Telecommunications<br>30 Internet service providers and data processing<br>31 Other information services<br>32 Finance<br>33 Insurance<br>34 Real estate<br>35 Rental and leasing services<br>36 Professional and technical services<br>37 Management of companies and enterprises<br>38 Administrative and support services<br>39 Waste management and remediation services<br>40 Educational services<br>41 Hospitals<br>42 Health care services, except hospitals<br>43 Social assistance<br>44 Arts, entertainment, and recreation<br>45 Accommodation<br>46 Food services and drinking places<br>47 Repair and maintenance<br>48 Personal and laundry services<br>49 Membership associations and organizations<br>50 Private households<br>51 Public administration<br>52 Armed forces<br>-9 No response |                 |
| PES1OCD     | 4           | Occupation Code<br><br>EDITED UNIVERSE:<br><br>Entry in PUSD13, PUSD14 and PUSD15<br><br>VALID ENTRIES:<br><br>0030-9890 Occupation code<br>-9 No response  | 1021-1024       |
| PRSDOCC     | 2           | Detailed Occupation Recode  | 1025-1026       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u> | <u>LOCATION</u> |
|-------------|-------------|--------------------|-----------------|
|-------------|-------------|--------------------|-----------------|

VALID ENTRIES:

- 1 Management occupations
- 2 Business and financial operations occupations
- 3 Computer and mathematical science occupations
- 4 Architecture and engineering occupations
- 5 Life, physical, and social science occupations
- 6 Community and social service occupations
- 7 Legal occupations
- 8 Education, training, and library occupations
- 9 Arts, design, entertainment, sports, and media occupations
- 10 Healthcare practitioner and technical occupations
- 11 Healthcare support occupations
- 12 Protective service occupations
- 13 Food preparation and serving related occupations
- 14 Building and grounds cleaning and maintenance occupations
- 15 Personal care and service occupations
- 16 Sales and related occupations
- 17 Office and administrative support occupations
- 18 Farming, fishing, and forestry occupations
- 19 Construction and extraction occupations
- 20 Installation, maintenance, and repair occupations
- 21 Production occupations
- 22 Transportation and material moving occupations
- 23 Armed Forces
- 9 No response

|        |   |  |           |
|--------|---|--|-----------|
| PESD16 | 2 | On that job, were you a member of a union or an employee association similar to a union? | 1027-1028 |
|--------|---|--|-----------|

EDITED UNIVERSE:

(PESD5 = 1, 2, -2, -3, or -9) and  
(PESCOW1 = 1, 2, 3, 4, 5, 8, 9, 10, or -9)

VALID ENTRIES:

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

|        |   |  |           |
|--------|---|--|-----------|
| PESD17 | 2 | Did you have health insurance at that job? | 1029-1030 |
|--------|---|--|-----------|

EDITED UNIVERSE:

PESD16 = 1, 2, -2, -3, or -9

VALID ENTRIES:

- 1 Yes
- 2 No

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
|             |             | -2 Don't Know<br>-3 Refused<br>-9 No response   |                 |
| PTSD18A     | 2           | How long had you worked for (fill:<br>SD10/SD11/that employer) when that<br>job ended?<br>(Answer - number)   | 1031-1032       |
|             |             | EDITED UNIVERSE:<br><br>PESD17 = 1, 2, -2, -3, or -9<br><br>VALID ENTRIES:<br><br>01-99 (topcoded to 30 if PESD18B = 4)<br>-2 Don't Know<br>-3 Refused<br>-9 No response    |                 |
| PESD18B     | 2           | How long had you worked for (fill:<br>SD10/SD11/that employer when that<br>job ended?<br>(Answer - Periodicity)   | 1033-1034       |
|             |             | EDITED UNIVERSE:<br><br>PESD18A = 0-99, -2, -3, or 9<br><br>VALID ENTRIES:<br><br>1 Days<br>2 Weeks<br>3 Months<br>4 Years<br>-2 Don't Know<br>-3 Refused<br>-9 No Response |                 |
| PESD19      | 2           | Did you usually work 35 hours or more per<br>week at that job?  | 1035-1036       |
|             |             | EDITED UNIVERSE:<br><br>PESD18B = 1, 2, 3, 4, -2, -3, or -9<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-4 Hours varied<br>-2 Don't Know                                  |                 |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>   | <u>LOCATION</u> |
|-------------|-------------|--|-----------------|
|             |             | -3 Refused<br>-9 No response   |                 |
| PESLE10     | 2           | Out variable for PUSLE1<br><br>VALID ENTRIES:<br><br>1 Hourly<br>2 Weekly<br>3 Bi-weekly<br>4 Twice monthly<br>5 Monthly<br>6 Annually<br>7 Other<br>-2 Don't Know<br>-3 Refused<br>-9 No response   | 1037-1038       |
| PESLE2      | 2           | Did you usually receive overtime pay,<br>tips, or commissions on that job?<br><br>EDITED UNIVERSE:<br><br>PUSLE1 = 1-7<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't Know<br>-3 Refused<br>-9 No response   | 1039-1040       |
| PESENH10    | 4           | Out variable for hourly pay rate-lost job<br>(Item PUSLE3, PUSLE3D or PUSLE3C)<br>Dollar Amount-Two implied decimals<br>Topcoded<br><br>EDITED UNIVERSE:<br><br>PUSLE10 = 1<br><br>VALID ENTRIES:<br><br>0-9999<br>-2 Don't Know<br>-3 Refused<br>-9 No response | 1041-1044       |
| PTSENH10    | 2           | Lost job hourly rate--topcode<br><br>VALID ENTRIES:  | 1045-1046       |



| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>   | <u>LOCATION</u> |
|-------------|-------------|--|-----------------|
|             |             | -1 NIU<br>0 No topcode<br>1 Topcoded value   |                 |
| PTSLE40     | 2           | Out variable for how many hours did you usually work per week at that rate? (Topcoded at 55)   | 1047-1048       |
|             |             | EDITED UNIVERSE:<br><br>PUSLE10 = 1 and entry in PESENH10<br><br>VALID ENTRIES:<br><br>01-48<br>-2 Don't Know<br>-3 Refused<br>-9 No response        |                 |
| PUSLE5      | 2           | On the job you lost or left, how much did you usually receive JUST in overtime pay, tips or commissions, before taxes or other deductions?           | 1049-1050       |
|             |             | VALID ENTRIES:<br><br>1 Per hour<br>2 Per day<br>3 Per week<br>4 Per month<br>5 Per year<br>6 Other<br>-2 Don't Know<br>-3 Refused<br>-9 No response |                 |
| PUTSLE6     | 2           | How many hours did you usually work per week at that rate? (topcoded)  | 1051-1052       |
|             |             | VALID ENTRIES:<br><br>00-40 (topcoded)<br>-2 Don't Know<br>-3 Refused<br>-9 No response  |                 |
| PUSLE6D     | 2           | What is your best estimate of the number of hours per week you usually worked at that rate?  | 1053-1054       |
|             |             | VALID ENTRIES:<br><br>00-99<br>-2 Don't Know<br>-3 Refused   |                 |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
|             |             | -9 No response  |                 |
| PUSERN      | 6           | Calculated weekly amount of overtime--<br>lost job<br>Dollar Amount--Two implied decimals<br><br>VALID ENTRIES:<br><br>0-288461 (topcoded)  | 1055-1060       |
| PUSERN2     | 6           | Corrected calculated overtime amount--<br>lost job<br>Dollar Amount--Two implied decimals<br><br>VALID ENTRIES:<br><br>0-288461 (topcoded)  | 1061-1066       |
| PTSERN      | 2           | Lost job overtime pay-topcode<br>(PUSERN)<br><br>VALID ENTRIES:<br><br>-1 NIU<br>0 No topcode<br>1 Topcoded value   | 1067-1068       |
| PTSERN2     | 2           | Corrected lost job overtime pay-topcode<br>(PUSERN2)<br><br>VALID ENTRIES:<br><br>-1 NIU<br>0 No topcode<br>1 Topcoded value  | 1069-1070       |
| PESLE22     | 2           | How many weeks a year did you get<br>paid for at that job?<br><br>EDITED UNIVERSE:<br><br>PESLE10 = 6<br><br>VALID ENTRIES:<br><br>01-52<br>-2 Don't Know<br>-3 Refused<br>-9 No response | 1071-1072       |
| PESD20      | 2           | Did you receive unemployment insurance<br>benefits after that job ended?  | 1073-1074       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>   | <u>LOCATION</u> |
|-------------|-------------|--|-----------------|
|             |             | <p>EDITED UNIVERSE:</p> <p>PESD19 = 1, 2, -2, -3, -4, or -9</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't Know<br/>-3 Refused<br/>-9 No response</p>  |                 |
| PESD21      | 2           | <p>Did you exhaust your eligibility for unemployment benefits?</p> <p>EDITED UNIVERSE:</p> <p>PESD20 = 1</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't Know<br/>-3 Refused<br/>-9 No response</p>                           | 1075-1076       |
| PESD22      | 2           | <p>Since that job ended, have you moved to a different city or county?</p> <p>EDITED UNIVERSE:</p> <p>PESD20 = 1, 2, -2, -3. or -9</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't Know<br/>-3 Refused<br/>-9 No response</p> | 1077-1078       |
| PESD23      | 2           | <p>Was the reason for the move to look for work or to take a different job?</p> <p>EDITED UNIVERSE:</p> <p>PESD22 = 1</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No</p>  | 1079-1080       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>   | <u>LOCATION</u> |
|-------------|-------------|--|-----------------|
|             |             | -2 Don't Know<br>-3 Refused<br>-9 No response  |                 |
| PESD24      | 2           | Have you worked for pay since job ended?<br><br>EDITED UNIVERSE:<br><br>(PESD22 = 1, 2, -2, -3, or -9) and<br>(PEMLR = 3, 4, 5, 6 or 7)<br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't Know<br>-3 Refused<br>-9 No Response  | 1081-1082       |
| PTSD25      | 3           | After that job ended, how many weeks went by before you started working again at another job?<br><br>EDITED UNIVERSE:<br><br>(PESD24 = 1) or<br>[(PESD22 = 1, 2, -2, -3, or -9) and<br>(PEMLR = 1 or 2)]<br><br>VALID ENTRIES:<br><br>0-52 (topcoded)<br>-2 Don't Know<br>-3 Refused<br>-9 No Response | 1083-1085       |
| PESD26      | 2           | How many jobs have you held since that job ended?<br><br>EDITED UNIVERSE:<br><br>(PESD24 = -2, -3, or -9) or<br>(PESD25 = 0-168, -2, -3, or -9)<br><br>VALID ENTRIES:<br><br>0-99<br>-2 Don't Know<br>-3 Refused<br>-9 No Response   | 1086-1087       |
| PESD27      | 2           | Other than Medicare or Medicaid, do you now have health insurance?   | 1088-1089       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>   | <u>LOCATION</u> |
|-------------|-------------|--|-----------------|
|             |             | EDITED UNIVERSE:<br><br>(PESD24 = 2) or<br>(PESD26 = 0-99, -2, -3, or -9)<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't Know<br>-3 Refused<br>-9 No response  |                 |
| PESCE20     | 2           | An out variable for SCE2<br><br>EDITED UNIVERSE:<br><br>PEMLR=1 or 2, PESD27 = 1, 2, -2, -3, or -9 and<br>HUMISCK=1, 2, 3, 5, 6, or 7<br><br>VALID ENTRIES:<br><br>1 Hourly<br>2 Weekly<br>3 Bi-weekly<br>4 Twice monthly<br>5 Monthly<br>6 Annually<br>7 Other-specify<br>-2 Don't Know<br>-3 Refused<br>-9 No response | 1090-1091       |
| PESCE3      | 2           | Do you usually receive overtime pay, tips,<br>or commissions (?/at your MAIN job?)<br><br>EDITED UNIVERSE:<br><br>Entry in PUSCE2<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't Know<br>-3 Refused<br>-9 No response  | 1092-1093       |
| PESEH1OA    | 4           | Out variable for hourly pay rate-current job<br>Dollar Amount--Two implied decimals<br><br>EDITED UNIVERSE:<br><br>PUSCE20=1   | 1094-1097       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>   | <u>LOCATION</u> |
|-------------|-------------|--|-----------------|
|             |             | <p>VALID ENTRIES:</p> <p>0-9999 (topcoded such that hourly rate is less than or equal to \$2884.61 divided by usual hours<br/>           -2 Don't Know<br/>           -3 Refused<br/>           -9 No response</p>   |                 |
| PTSEH1OA    | 2           | <p>Supplement current job hourly rate-topcoded</p> <p>VALID ENTRIES:</p> <p>-1 NIU<br/>           0 No topcode<br/>           1 Topcoded value</p>   | 1098-1099       |
| PUTSCE5     | 2           | <p>How many hours do you usually work per week at this rate? (topcoded)</p> <p>EDITED UNIVERSE:</p> <p>PUSCE2O=1 and entry in PESEH1OA</p> <p>VALID ENTRIES:</p> <p>01-45 (topcoded)<br/>           -2 Don't Know<br/>           -3 Refused<br/>           -9 No response</p>                    | 1100-1101       |
| PTSCE5O     | 2           | <p>Out variable for usual hours worked--current job (topcoded)</p> <p>VALID ENTRIES:</p> <p>01-50 (topcoded)<br/>           -2 Don't Know<br/>           -3 Refused<br/>           -9 No response</p>  | 1102-1103       |
| PUSCE6      | 2           | <p>(Fill:How/At your MAIN job, how) much do you usually receive JUST in overtime pay, tips or commissions, before taxes or other deductions?</p> <p>VALID ENTRIES:</p> <p>1 Per hour<br/>           2 Per day<br/>           3 Per week<br/>           4 Per month<br/>           5 Per year</p> | 1104-1105       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
|             |             | 6 Other<br>-2 Don't Know<br>-3 Refused<br>-9 No response  |                 |
| PUTSCE7     | 2           | How many hours do you usually work per week at this rate? (topcoded)<br><br>VALID ENTRIES:<br><br>00-50 (topcoded)<br>-2 Don't Know<br>-3 Refused<br>-9 No response           | 1106-1107       |
| PUSCE8      | 2           | What is your best estimate of the number of hours per week you usually work at this rate?<br><br>VALID ENTRIES:<br><br>00-99<br>-2 Don't Know<br>-3 Refused<br>-9 No response | 1108-1109       |
| PUSERN1     | 6           | Calculated weekly amount of overtime--current job<br>Dollar Amount--Two implied decimals<br><br>VALID ENTRIES:<br><br>0-288461 (topcoded)                                     | 1110-1115       |
| PUSERN2A    | 6           | Corrected calculated weekly overtime amount--current job<br>Dollar Amount--2 implied decimals<br><br>VALID ENTRIES:<br><br>0-288461 (topcoded)                                | 1116-1121       |
| PTSERN1     | 2           | Supplement current job overtime pay-topcoded (PUSERN1)<br><br>VALID ENTRIES:<br><br>-1 NIU<br>0 No topcode<br>1 Topcoded value  | 1122-1123       |
| PTSERN2A    | 2           | Supplement current job calculated overtime pay-topcoded (PUSERN2A)  | 1124-1125       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
|             |             | VALID ENTRIES:<br><br>-1 NIU<br>0 No topcode<br>1 Topcoded value  |                 |
| PESCE25     | 2           | How many weeks a year do you get paid for?  | 1126-1127       |
|             |             | EDITED UNIVERSE:<br><br>PESCE20=6   |                 |
|             |             | VALID ENTRIES:<br><br>01-52<br>-2 Don't Know<br>-3 Refused<br>-9 No response  |                 |
| PRSLWKLY    | 6           | Recode for weekly earnings on lost job<br>Dollar Amount--Two implied decimals   | 1128-1133       |
|             |             | VALID ENTRIES:<br><br>0-288461 (topcoded)<br>-2 Don't Know<br>-3 Refused<br>-9 No response  |                 |
| PTSLWKLY    | 2           | Lost job weekly earnings-topcode  | 1134-1135       |
|             |             | VALID ENTRIES:<br><br>-1 NIU<br>0 No topcode<br>1 Topcoded value  |                 |
| PRSCWKLY    | 6           | Recode for weekly earnings on current job.<br>This is allocated if missing, don't know,<br>refused or no response.<br>Dollar Amount--Two implied decimals | 1136-1141       |
|             |             | VALID ENTRIES:<br><br>0-288461 (topcoded)<br>-1 Month-in-sample 4 and 8 cases not eligible<br>for basic earnings (PEIO1COW = 6-11)                        |                 |
| PTSCWKLY    | 2           | Supplement current job weekly earnings-<br>topcode  | 1142-1143       |



| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>   | <u>LOCATION</u> |
|-------------|-------------|--|-----------------|
|             |             | VALID ENTRIES:<br><br>-1 NIU<br>0 No topcode<br>1 Topcoded value   |                 |
| PESHRY      | 2           | Hourly/Nonhourly Status -- Current Job Earnings.   | 1144-1145       |
|             |             | VALID ENTRIES:<br><br>1 Hourly worker<br>2 Nonhourly worker  |                 |
| PRSHR       | 4           | Recode for hourly rate -- Current Job Earnings.<br>(2 implied decimals)  | 1146-1149       |
|             |             | VALID ENTRIES:<br><br>0 Minimum Value<br>9999 Maximum Value  |                 |
| PRSUPERN    | 2           | A flag identifying records where the earnings information has been obtained from the Basic CPS portion of the file.  | 1150-1151       |
|             |             | VALID ENTRIES:<br><br>1 Eligible   |                 |
| PTST1A      | 3           | How long have you been working CONTINUOUSLY (fill: for company name from basic CPS/as a self-employed person/ at your main job/for your present employer)?<br>(Answer - number)      | 1152-1154       |
|             |             | EDITED UNIVERSE:<br><br>PRTAGE = 15+ and PEMLR = 1 or 2  |                 |
|             |             | VALID ENTRIES:<br><br>0-999 (topcoded to 35 if PEST1B = 4)<br>-2 Don't Know<br>-3 Refused<br>-9 No Response  |                 |
| PEST1B      | 2           | How long have you been working CONTINUOUSLY (fill: for company name from basic CPS/as a self-employed person/ at your main job/for your present employer)?<br>(Answer - Periodicity) | 1155-1156       |

| NAME  | SIZE | DESCRIPTION  | LOCATION  |
|-------|------|--|-----------|
|       |      | <p>EDITED UNIVERSE:</p> <p>PEST1A = 0-999, -2, -3, or -9</p> <p>VALID ENTRIES:</p> <p>1 Days<br/>2 Weeks<br/>3 Months<br/>4 Years<br/>-2 Don't Know<br/>-3 Refused<br/>-9 No Response</p>  |           |
| PEST3 | 2    | <p>Could you please give the exact number of months?</p> <p>EDITED UNIVERSE:</p> <p>(PEST1A = 0,1, or 2) and (PEST1B = 4)</p> <p>VALID ENTRIES:</p> <p>0-35<br/>-2 Don't Know<br/>-3 Refused<br/>-9 No Response</p>                        | 1157-1158 |
| PEST7 | 2    | <p>Earlier you told me you lost or left your job in 2019. Did you work there in January 2019?</p> <p>EDITED UNIVERSE:</p> <p>PESD3 = 3</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't Know<br/>-3 Refused<br/>-9 No Response</p> | 1159-1160 |
| PEST8 | 2    | <p>Were you working a year ago, in January 2019?</p> <p>EDITED UNIVERSE:</p> <p>(PEST7 = -2, -3, -9) or<br/>[(PEST1A = 0 - 51) and<br/>(PEST1B = 2)] or<br/>[(PEST1A = 0 - 11) and</p>   | 1161-1162 |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
|             |             | (PEST1B = 3)] or<br>(PEST3 = 0 - 11)<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't Know<br>-3 Refused<br>-9 No Response  |                 |
| PESCOW2     | 2           | Class of Worker -- Tenure Section<br><br>EDITED UNIVERSE:<br><br>Entry in PUST25, PUST26, or PUST27<br><br>VALID ENTRIES:<br><br>1 Federal government<br>2 State government<br>3 Local government<br>4 Private for profit<br>5 Private, nonprofit<br>6 Self-employed, incorporated<br>7 Self-employed, unincorporated<br>8 Without pay<br>9 Unknown<br>10 Government, level unknown<br>11 Self-employed, incorporation status unknown<br>-9 No response | 1163-1164       |
| PES2ICD     | 4           | Industry Code<br><br>EDITED UNIVERSE:<br><br>Entry in PEIO1ICD or Entry in PUST30<br><br>VALID ENTRIES:<br><br>0010-9980 Industry Code<br>-2 Don't Know<br>-3 Refused<br>-9 No response   | 1165-1168       |
| PRSD2IND    | 2           | Detailed Industry Recode<br><br>VALID ENTRIES:<br><br>1 Agriculture<br>2 Forestry, logging, fishing, hunting, and trapping  | 1169-1170       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>   | <u>LOCATION</u> |
|-------------|-------------|--|-----------------|
|             |             | 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 manufacturin             |                 |
|             |             | 10 Transportation equipment manufacturing                  |                 |
|             |             | 11 Wood products   |                 |
|             |             | 12 Furniture and fixtures manufacturing                    |                 |
|             |             | 13 Miscellaneous and not specified manufacturing           |                 |
|             |             | 14 Food manufacturing                                      |                 |
|             |             | 15 Beverage and tobacco products                           |                 |
|             |             | 16 Textile, apparel, and leather manufacturing             |                 |
|             |             | 17 Paper and printing                                      |                 |
|             |             | 18 Petroleum and coal products manufacturing               |                 |
|             |             | 19 Chemical manufacturing                                  |                 |
|             |             | 20 Plastics and rubber products                            |                 |
|             |             | 21 Wholesale trade   |                 |
|             |             | 22 Retail trade  |                 |
|             |             | 23 Transportation and warehousing                          |                 |
|             |             | 24 Utilities   |                 |
|             |             | 25 Publishing industries (except internet)                 |                 |
|             |             | 26 Motion picture and sound recording industries           |                 |
|             |             | 27 Broadcasting (except internet)                          |                 |
|             |             | 28 Internet publishing and broadcasting                    |                 |
|             |             | 29 Telecommunications                                      |                 |
|             |             | 30 Internet service providers and data processing services |                 |
|             |             | 31 Other information services                              |                 |
|             |             | 32 Finance   |                 |
|             |             | 33 Insurance   |                 |
|             |             | 34 Real estate   |                 |
|             |             | 35 Rental and leasing services                             |                 |
|             |             | 36 Professional and technical services                     |                 |
|             |             | 37 Management of companies and enterprises                 |                 |
|             |             | 38 Administrative and support services                     |                 |
|             |             | 39 Waste management and remediation services               |                 |
|             |             | 40 Educational services                                    |                 |
|             |             | 41 Hospitals   |                 |
|             |             | 42 Health care services, except hospitals                  |                 |
|             |             | 43 Social assistance                                       |                 |
|             |             | 44 Arts, entertainment, and recreation                     |                 |
|             |             | 45 Accommodation   |                 |
|             |             | 46 Food services and drinking places                       |                 |
|             |             | 47 Repair and maintenance                                  |                 |
|             |             | 48 Personal and laundry services                           |                 |
|             |             | 49 Membership associations and organizations               |                 |
|             |             | 50 Private households                                      |                 |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
|             |             | 51 Public administration<br>52 Armed forces<br>-9 No response   |                 |
| PES2OCD     | 4           | Occupation Code<br><br>EDITED UNIVERSE:<br><br>Entry in PEIO1OCD or<br>Entry in PUST20 and PUST22<br><br>VALID ENTRIES:<br><br>0030-9980 Occupation code<br>-2 Don't Know<br>-3 Refused<br>-9 No response   | 1171-1174       |
| PRSD2OCC    | 2           | Detailed Occupation Recode<br><br>VALID ENTRIES:<br><br>1 Management occupations<br>2 Business and financial operations occupations<br>3 Computer and mathematical science occupations<br>4 Architecture and engineering occupations<br>5 Life, physical, and social science occupations<br>6 Community and social service occupations<br>7 Legal occupations<br>8 Education, training, and library occupations<br>9 Arts, design, entertainment, sports, and media occupations<br>10 Healthcare practitioner and technical occupations<br>11 Healthcare support occupations<br>12 Protective service occupations<br>13 Food preparation and serving related occupations<br>14 Building and grounds cleaning and maintenance occupations<br>15 Personal care and service occupations<br>16 Sales and related occupations<br>17 Office and administrative support occupations<br>18 Farming, fishing, and forestry occupations<br>19 Construction and extraction occupations<br>20 Installation, maintenance, and repair occupations<br>21 Production occupations<br>22 Transportation and material moving occupations | 1175-1176       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
|             |             | 23 Armed Forces<br>-9 No response   |                 |
| PEST20      | 2           | <p>Earlier you told me that you are now working as (fill: occupation from basic CPS). Were you doing the same kind of work a year ago, in January 2019?</p> <p>EDITED UNIVERSE:</p> <p>[(PEST1A = 52 - 99) and (PEST1B = 2)]<br/>or [(PEST1A = 12 - 99) and (PEST1B = 3)] or [(PEST1A = 2 - 99) and (PEST1B = 4)] or (PEST3 = 12-35)<br/>or [(PEST5A = 52 - 99) and (PEST5B = 2)] or [(PEST5A = 12 - 99) and (PEST5B = 3)] or [(PEST5A = 1 - 99) and (PEST5B = 4)]<br/>or [(PEST7 = 1 or PEST8 = 1) and PEIO1OCD = 0010 - 9990]</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't Know<br/>-3 Refused<br/>-9 No Response</p> | 1177-1178       |
| PUSD7       | 2           | <p>Were you employed by government, by a private company, a non-profit organization, or were you self-employed or working in a family business?</p> <p>EDITED UNIVERSE:</p> <p>PESD5 = 1, 2, -2, or -3</p> <p>VALID ENTRIES:</p> <p>1 Government<br/>2 Private-for-profit company<br/>3 Non-profit organization (incl. tax exempt and charitable)<br/>4 Self-employed<br/>5 Working in the family business<br/>-2 Don't Know<br/>-3 Refused</p>   | 1179-1180       |
| PEST25      | 2           | <p>A year ago, in January 2019, were you employed by government, by a private company, a non-profit organization, or were you self-employed or working in a family business?</p>  | 1181-1182       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
|             |             | <p>EDITED UNIVERSE:</p> <p>PEST20 = 2 and PUST22 not &lt;D&gt; or &lt;R&gt;<br/>and tenure less than 1 year</p> <p>VALID ENTRIES:</p> <p>1 Government<br/>2 Private-for-profit company<br/>3 Non-profit organization (incl. tax exempt<br/>and charitable<br/>4 Self-employed<br/>5 Working in the family business<br/>-2 Don't Know<br/>-3 Refused</p> |                 |
| PEST26      | 2           | <p>Was that the Federal, state, or local government?</p> <p>EDITED UNIVERSE:</p> <p>PEST25 = 1</p> <p>VALID ENTRIES:</p> <p>1 Federal<br/>2 State<br/>3 Local<br/>-1 Out of universe<br/>-2 Don't Know<br/>-3 Refused</p>   | 1183-1184       |
| PEST27      | 2           | <p>(Was/were) (name/you) working for pay?</p> <p>EDITED UNIVERSE:</p> <p>PEST25 = 5</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-1 Out of universe<br/>-2 Don't Know<br/>-3 Refused</p>   | 1185-1186       |
| PEST31      | 2           | <p>Was the business or organization in which<br/>(name/you) worked in January 2019 mainly<br/>manufacturing, retail trade, wholesale trade,<br/>or something else?</p> <p>VALID ENTRIES:</p> <p>1 Manufacturing</p>   | 1187-1188       |

| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
|             |             | 2 Retail trade<br>3 Wholesale trade<br>4 Something else<br>-1 Out of universe<br>-2 Don't Know<br>-3 Refused  |                 |
| PRSUPSAT    | 2           | Interview Status - Displaced Worker Supplement<br><br>VALID ENTRIES:<br><br>1 Not Eligible for Displaced Worker Items - Eligible cases had to meet the following criteria HRINTSTA = 1, PRTAGE = 20+, and PRPERTYP = 2.<br>2 Interview - Interviews had to meet the following criteria: PESD1 = 2 or (PESD1=1 and PESD2 = 1-6).<br>3 Noninterview - Cases that met the eligibility criteria, but did not meet the interview criteria  | 1189-1190       |
| PWSUPWGT    | 10          | Displaced Worker Supplement Weight (Length = 10 with 4 implied decimals)  | 1191-1200       |
| PRTENSAT    | 2           | Interview Status - Job Tenure and Occupational Nobility Supplement<br><br>VALID ENTRIES:<br><br>1 Not Eligible for Job Tenure and Occupational Mobility Items - Eligible cases had to meet the following criteria: HRINTSTA = 1, PRTAGE = 15+, PRPERTYP = 2, and PEMLR = 1 or 2.<br>2 Interview - Interviews had to meet the following criteria: PEST1A = 1-99 and PEST1B = 1-4.<br>3 Noninterview - Cases that met the eligibility criteria, but did not meet the interview criter | 1201-1202       |
| PWTENWGT    | 10          | Job Tenure and Occupational Mobility Supplement Weight (Length = 10 with 4 implied decimals.)   | 1203-1212       |
| PTST1TN     | 4           | Recode for employer tenure, expressed in years, with two implied decimals; this recode incorporates usable responses from PEST1A, PEST1B, and (when appropriate) PEST3. A usable response had to be within the range 1-99 for PEST1A (and 1-35 for PEST3), and had to have age minus tenure equal to 14+ years. Topcoded at 3900  | 1213-1216       |



| <u>NAME</u> | <u>SIZE</u> | <u>DESCRIPTION</u>  | <u>LOCATION</u> |
|-------------|-------------|---|-----------------|
|             |             | <p>VALID ENTRIES:</p> <p>0-3200<br/>           -2 Don't Know<br/>           -3 Refused<br/>           -9 No Response</p>  |                 |
| PTSD18TN    | 4           | <p>Recode for tenure on lost job, expressed in years, with two implied decimals; this recode incorporates usable responses from PESD18A and PESD18B. A usable response had to be within the range 1-99 for PEST18A, but did not have to have age minus tenure equal to 14+ years. Topcoded at 2800</p> <p>VALID ENTRIES:</p> <p>0-2800<br/>           -2 Don't Know<br/>           -3 Refused<br/>           -9 No Response</p> | 1217-1220       |
| PRDISPWK    | 2           | <p>Recode for complete displaced worker supplement interviews to determine displaced worker status</p> <p>EDITED UNIVERSE:</p> <p>(PESD1 = 2) OR [(PESD1 = 1) and (PESD2 = 1,2,3,4,5,or 6)]</p>   | 1221-1222       |

**ATTACHMENT 8**

**SUPPLEMENT QUESTIONNAIRE**

**January 2020 Displaced Worker, Employee Tenure,  
and Occupational Mobility Supplement**

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PRESUP      This month we have some additional questions about: losing or leaving a job in the last three years, length of time on a job and, frequency of changing jobs.

---

SD1C        If person is 15 to 19 years old, skip to ST1LCK. Otherwise, ask SD1.

---

SD1        During the last 3 calendar years, that is, January 2017 through December 2019, did (name/you) lose a job, or leave one because: (your/his/her) plant or company closed or moved, (your/his/her) position or shift was abolished, insufficient work or another similar reason?

(1) Yes

(2) No

(Skip to ST1LCK)

[blind] (D) Don't know

(Skip to ST1LCK)

[blind] (R) Refused

(Skip to ST1LCK)

—

---

SD2        Which of these specific reasons describes why (name/you)(is/are) no longer working at that job?

**READ IF NECESSARY:** If (name/you) lost or left more than one job in the last 3 years, refer to the job (you/he/she) had held the longest when answering this question and the ones that follow.

(1)      Plant or company closed down or moved

Plant or company operating but lost or left job because of:

(2)      Insufficient work

(3)      Position or shift abolished

(4)      Seasonal job completed      (Skip to ST1LCK)

(5)      Self-operated business failed      (Skip to ST1LCK)

(6)      Some other reason      (Skip to ST1LCK)

[blind] (D) Don't know (Skip to ST1LCK)  
[blind] (R) Refused (Skip to ST1LCK)

—

---

SD3 In what year did (name/you) last work at that job?

- (1) 2017
- (2) 2018
- (3) 2019
- (4) Other (Skip to ST1LCK)

[blind] (D) Don't Know  
[blind] (R) Refused

—

---

SD4C [If SD2=1 or SD3 = 1, 2, D or R, skip to SD5. Else If SD3 = 3, go to SD4.]

---

SD4 (Do/Does)(name/you) expect to be recalled to that job within the next 6 months?

- (1) Yes
- (2) No

[blind] (D) Don't know  
[blind] (R) Refused

—

---

SD5 Had (name/you) been given written advance notice informing (you/him/her) that (the plant or business would be closed) ((you/he/she) would lose (your/his/her) job)? [If SD2 = 1, then fill with first (); If SD2 = 2 or 3, then fill with second ().]

- (1) Yes (go to SD6)
- (2) No (go to SD7)

[blind] (D) Don't know (go to SD7)  
[blind] (R) Refused (go to SD7)

—

---

SD6 How long before (name/you)(were/was) to have lost (your/his/her) job did (you/he/she) receive that notice?

- (1) Less than 1 month
- (2) 1 to 2 months
- (3) More than 2 months

[blind] (D) Don't know

[blind] (R) Refused

—

---

SD7 (Were/Was)(you/name) employed by government, by a private company, a non-profit organization, or (was/were)(you/he/she) self-employed or working in a business owned or operated by a member of (your/his/her) family?

- (1) Government (go to SD8)
- (2) Private for-profit company (go to SD10)
- (3) Non-profit organization (incl. tax exempt and charitable) (go to SD10)
- (4) Self-employed (Skip to ST1LCK)
- (5) Working in the family business (go to SD9)

[blind] (D) Don't know (go to SD10)

[blind] (R) Refused (go to SD10)

—

---

SD8 Was that the federal, state, or local government?

- (1) Federal (go to SD11)
- (2) State (go to SD11)
- (3) Local (go to SD11)

[blind] (D) Don't know (go to SD11)

[blind] (R) Refused (go to SD11)

---

---

SD9 (Were/Was)(you/name) working for pay?

- (1) Yes
- (2) No

[blind] (D) Don't know  
[blind] (R) Refused

—

---

SD10 [If SD7 = 2, D, or R, fill first (); if SD7 = 3, fill second (); if SD7 = 5, fill third ()]  
What was the name of the (company)(nonprofit organization)(business) for which  
(name/you) worked?

—

(go to SD12)

[blind] (D) Don't know  
[blind] (R) Refused

(go to SD12)  
(go to SD12)

---

SD11 What was the name of the government agency for which (name/you) worked?

—

(go to SD14)

[blind] (D) Don't know  
[blind] (R) Refused

(go to SD14)  
(go to SD14)

---

SD12 What kind of business or industry was this?

READ IF NECESSARY: (What did they make or do where (name/you)  
worked?)

—

[blind] (D) Don't know  
[blind] (R) Refused

(go to SD14)  
(go to SD14)

---

ASK IF NECESSARY

SD13 Was this business or organization mainly manufacturing, retail trade, wholesale trade, or something else?

- (1) Manufacturing
- (2) Retail trade
- (3) Wholesale trade
- (4) Something else

[blind] (D) Don't know  
[blind] (R) Refused

—

---

SD14 What kind of work did (name/you) do, that is, what was (his/her/your) occupation? (For example: plumber, typist, farmer.)

---

[blind] (D) Don't know  
[blind] (R) Refused

---

SD15 What were (your/his/her) usual activities or duties at that job? (For example: typing, keeping account books, filing, selling cars, operating printing press, laying bricks.)

---

---

[blind] (D) Don't know  
[blind] (R) Refused

---

---

SD16            On that job, (were/was)(name/you) a member of a union or an employee association similar to a union?

- (1)    Yes
- (2)    No

[blind] (D)    Don't know  
[blind] (R)    Refused

—

---

SD17            Did (name/you) have health insurance at that job?

- (1)    Yes
- (2)    No

[blind] (D)    Don't know  
[blind] (R)    Refused

—

---

SD18            How long had (name/you) worked for (fill SD10, SD11, or that employer if none specified) when that job ended?

Enter amount            —            (Range 01-99)

- (1)    Days
- (2)    Weeks
- (3)    Months
- (4)    Years

—

[blind] (D)    Don't know  
[blind] (R)    Refused

---

---

SD19 Did (name/you) usually work 35 hours or more per week at that job?

- (1) Yes
- (2) No
- (V) Hours varied

[blind] (D) Don't know  
[blind] (R) Refused

—

---

SLE1 What is the easiest way for you to report earnings on the job (name/you) lost or left, BEFORE taxes or other deductions: hourly, weekly, annually, or on some other basis?

- (1) Hourly
- (2) Weekly
- (3) Bi-weekly
- (4) Twice monthly
- (5) Monthly
- (6) Annually
- (7) Other (specify)

[blind] (D) Don't know (Skip to SD20)  
[blind] (R) Refused (Skip to SD20)

—

---

SLE2 Did (name/you) usually receive overtime pay, tips, or commissions on that job?

- (1) Yes
- (2) No

[blind] (D) Don't know  
[blind] (R) Refused

—

---



---

SLE1C

CHECK ITEM

SLE1 is hourly (Ask SLE3)  
SLE1 is weekly or other (Skip to SLE9)  
SLE1 is biweekly (Skip to SLE12)  
SLE1 is monthly or twice monthly (Skip to SLE10)  
SLE1 is annually (Skip to SLE11)

---

SLE3

(If SLE2 is "yes", then fill first parenthetical.)

(EXCLUDING overtime pay, tips, and commissions) (What/what) was the hourly rate of pay on that job?

Enter dollar amount \_ (dollars) . (cents) (Skip to SLE4)

[blind] (D) Don't know (Skip to SLE3D)

[blind] (R) Refused (Skip to SD20)

Range check \$1.00 to 30.00 (If fails range edit, go to SLE3R)

---

SLE3D

What is your best estimate of the hourly rate of pay on that job?

Enter Dollar amount \_ (dollars) . (cents) (Skip to SLE4)

[blind] (D) Don't know (Skip to SD20)

[blind] (R) Refused (Skip to SD20)

Range check \$1.00 to 30.00 (If fails range edit, go to SLE3R)

---

---

SLE3R      RANGE CHECK

(If SLE3D has entry then fill parenthetical with SLE3D.  
Otherwise, fill with SLE3.)

\*\*\*DO NOT ASK THE RESPONDENT\*\*\*

Hourly earnings recorded as: (fill SLE3) hourly

IS THIS ENTRY CORRECT?

- |         |               |
|---------|---------------|
| (1) Yes | (Go to SLE4)  |
| (2) No  | (Go to SLE3C) |

—

---

SLE3C      CHECK ITEM

(If SLE3D has entry then fill parenthetical with SLE3D.  
Otherwise fill with SLE3.)

\*\*\*DO NOT ASK THE RESPONDENT\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL SLE3) hourly

CORRECT ENTRY IS:

\$ \_ (dollars) . (cents)      (Go to SLE4)

---

SLE4      How many hours did (name/you) usually work per week at that rate?

Enter number of hours      \_      (Go to SLE4C)

- |             |            |               |
|-------------|------------|---------------|
| [blind] (D) | Don't know | (Go to SLE4C) |
| [blind] (R) | Refused    | (Go to SLE4C) |

(Range check 01-99)

---

SLE4C      CHECK ITEM

- |                |                     |
|----------------|---------------------|
| SLE2 is "yes". | .....(Ask SLE5)     |
| All others.    | .....(Skip to SLE7) |

---

SLE5 On the job (name/you) lost or left, how much did (you/he/she) usually receive JUST in overtime pay, tips or commissions, before taxes or other deductions?

- (1) per hour (Skip to SLE5C)
- (2) per day (Skip to SLE5B)
- (3) per week (Skip to SLE5B)
- (4) per month (Skip to SLE5B)
- (5) per year (Skip to SLE5B)
- (6) Other (Skip to SLE5D)

[blind] (D) Don't know (Skip to SLE5D)  
[blind] (R) Refused (Skip to SD20)

—

---

SLE5B \*\*\*DO NOT READ TO RESPONDENT\*\*\*

ENTER DOLLAR AMOUNT

\$ \_ .

(Go to SLE5D for per day entry in SLE5, otherwise go to SLE7)

(Range Edit If entry is per day - \$1 to \$240;  
If entry is per week - \$1 to \$1,500;  
If entry is per month - \$1 to \$6,000;  
If entry is per year - \$1 to \$72,000)  
(If fails range edit, skip to SLE5R)

---

SLE5C \*\*\*DO NOT READ TO THE RESPONDENT\*\*\*

ENTER DOLLAR AMOUNT

\$ \_ (dollars) . (cents)

(Go to SLE6)

(Range Edit If entry is per hour - \$1 to \$30;  
(If fails range edit, skip to SLE5R)

---

---

SLE5D      What is your best estimate of the usual weekly earnings on that job, JUST in overtime pay, tips, or commissions, before taxes or other deductions?

Enter Dollar amount    \_ \_ \_ \_   (Skip to SLE7)

[blind] (D)      Don't know   (Skip to SD20)

[blind] (R)      Refused   (Skip to SD20)

Range Edit (\$ 1 to 1500) (If fails range edit, go to SLE5R)

---

SLE5R      RANGE CHECK

(If SLE5D has entry, then fill first parenthetical with "weekly" and second parenthetical with SLE5D.) (Otherwise, fill first parenthetical with periodicity specified in SLE5 and second parenthetical with amount specified in SLE5B or SLE5C.)

\*\*\*DO NOT READ TO RESPONDENT\*\*\*

Usual (hourly/daily/weekly/monthly/annual) earnings in overtime pay, tips or commissions recorded as: (fill SLE5B, SLE5C, or SLE5D)

IS THIS ENTRY CORRECT?

(1)    Yes            [(If fill is hourly - Go to SLE6C)(If fill is daily, weekly, monthly, or annual - Go to SLE6C)]

(2)    No            [(If fill is hourly - Go to SLE5F)(If fill is daily, weekly, monthly, annual - Go to SLE5E)]

—

---

SLE5E      CHECK ITEM  
(If SLE5D has entry, then fill parenthetical with SLE5D. Otherwise fill with SLE5B.)

\*\*\*DO NOT READ TO RESPONDENT\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL SLE5B)

CORRECT ENTRY IS:

\$\_\_\_\_\_.   (Go to SLE6C)

---

---

SLE5F

CHECK ITEM

(If SLE5D has entry, then fill parenthetical with SLE5D. Otherwise, fill with SLE5C.)

\*\*\*DO NOT READ TO RESPONDENT\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL SLE5C)

CORRECT ENTRY IS:

\$ \_ (dollars) . (cents) (Go to SLE6C)

---

SLE6C

CHECK ITEM

Entry in SLE5 is "per hour" (Ask SLE6)  
All others (Skip to SLE7)

---

SLE6

How many hours did (name/you) usually work per week at that rate?

Enter number of hours \_ \_ (Skip to SLE7)  
(01-99)

[blind] (D) Don't know (Ask SLE6D)  
[blind] (R) Refused (Skip to SD20)

---

SLE6D

What is your best estimate of the number of hours per week (name/you) usually worked at that rate?

Enter number of hours \_ (Ask SLE7)  
(01-99)

[blind] (D) Don't know (Skip to SD20)  
[blind] (R) Refused (Skip to SD20)

---

---

SLE7 I have estimated that (your/his/her) usual WEEKLY earnings on the job (you/he/she) lost or left were \$(amount), before taxes or other deductions.

Does that sound correct?

- (1) Yes (Skip to SD20)  
(2) No (Go to SLE7D)

[blind] (D) Don't know (Ask SLE7D)  
[blind] (R) Refused (Skip to SD20)

—

---

SLE7D In "3." below fill second parenthetical with periodicity specified in SLE5 or SLE5D.

I have recorded:

1. (Fill SLE3, SLE3C or SLE3D) as (your/his/her) hourly rate of pay on the job (you/he/she) lost or left. (If "1" - Go to SLE7E)
2. (Fill SLE4) as the number of hours (you/he/she) usually worked at this rate. (If "2" - Go to SLE7F)
3. (Fill SLE5B, SLE5C or SLE5D) as the amount (you/he/she) usually earned (fill parenthetical with periodicity specified in SLE5) in overtime pay, tips and commissions. (If "3" - Go to SLE7H if fill is hourly, SLE7G for all others.)
4. If SLE5 is hourly, (Fill SLE6 or SLE6D) as the number of hours per week (you/he/she) usually work at this rate. (If "4" - Go to SLE7I.)

Which piece or pieces of information do not seem to be correct?

DO NOT READ TO RESPONDENT: Enter number(s) corresponding to line(s) requiring correction.

All information is correct. (Enter "P" to proceed; go to SLE7J  
Enter (N) for no more)

[blind] (D) Don't know (go to SLE7J)  
[blind] (R) Refused (go to SD20)

— — — —

---

---

SLE7E      What was (your/name's) hourly rate of pay on the job (you/he/she) lost or left, excluding overtime pay, tips or commissions?

ENTER DOLLAR AMOUNT      \_ (dollars) .      (cents)  
(Go to SLE7F, SLE7G, SLE7H, SLE7I, or SLE8)

[blind] (D)      Don't know      (Go to SD20)

[blind] (R)      Refused      (Go to SD20)

---

SLE7F      How many hours did (name/you) usually work per week at the rate of (fill SLE3 or SLE7E)?

ENTER HOURS      --      (Go to SLE7G, SLE7H, SLE7I, or SLE8)  
(01-99)

[blind] (D)      Don't Know      (Go to SD20)

[blind] (R)      Refused      (Go to SD20)

---

SLE7G      How much did (name/you) usually earn (weekly/monthly/annually) just in overtime pay, tips or commissions on the job (you/he/she) lost or left?

Enter Dollar Amount      \_      (Go to SLE7I or SLE8)

[blind] (D)      Don't Know      (Go to SD20)

[blind] (R)      Refused      (Go to SD20)

---

SLE7H      How much did (name/you) usually earn hourly just in overtime pay, tips or commissions on the job (you/he/she) lost or left?

ENTER DOLLAR AMOUNT      \_ (dollars) .      (cents)  
(Go to SLE7I or SLE8)

[blind] (D)      Don't Know      (Go to SD20)

[blind] (R)      Refused      (Go to SD20)

---

---

SLE7I How many hours did (name/you) usually work per week at the rate of (fill SLE5C)?

ENTER HOURS                      \_                      (Go to SLE8)  
(01-99)

[blind] (D) Don't Know                      (Go to SD20)  
[blind] (R) Refused                      (Go to SD20)

---

SLE7J Then, including overtime pay, tips, and commissions, what were (name's/your) usual WEEKLY earnings on that job, before taxes or other deductions?

CORRECT ENTRY IS:                      \_                      (Go to SLE8)

[blind] (D) Don't Know                      (Go to SD20)  
[blind] (R) Refused                      (Go to SD20)

---

SLE8 I have estimated the total WEEKLY earnings on the job (you/name) lost or left as \$ (amount) WEEKLY before taxes or other deductions.

Does that sound correct?

(1) Yes                      (Skip to SD20)  
(2) No (Irreconcilable difference)                      (Skip to SD20)

[blind] (D) Don't Know                      (Skip to SD20)  
[blind] (R) Refused                      (Skip to SD20)

—

---

SLE9 (If SLE2 is "yes", then fill first parenthetical.)

(Including overtime pay, tips, and commissions) (What/what) were (name's/your) usual weekly earnings on that job, before taxes or other deductions?

Enter Dollar amount                      \_                      (Skip to SLE16)

[blind] (D) Don't know                      (Skip to SLE13)  
[blind] (R) Refused                      (Skip to SD20)

Range Edit (\$ 1 to 1500) (If fails range edit, skip to SLE14)

---



---

SLE10 (If SLE2 is "yes", then fill first parenthetical.)

(Including overtime pay, tips, and commissions) (What/what) were (name's/your) usual monthly earnings on the job (you/he/she) lost or left, before taxes or other deductions?

ENTER DOLLAR AMOUNT \_ (Go to SLE16)

[blind] (D) Don't know (go to SLE13)

[blind] (R) Refused (go to SD20)

Range Edit (\$1 to 6000) (If fails range edit, skip to SLE14)

---

SLE11 (If SLE2 is "yes", then fill first parenthetical.)

(Including overtime pay, tips, and commissions) (What/what) were (name's/your) usual annual earnings on the job (you/he/she) lost or left, before taxes or other deductions?

Enter Dollar amount \$ \_ (Go to SLE16)

[blind] (D) Don't know (Skip to SLE13)

[blind] (R) Refused (Skip to SD20)

Range Edit (\$1 to 72000) (If fails range edit, skip to SLE14)

---

SLE12 (If SLE2 is "yes", then fill first parenthetical)

(Including overtime pay, tips, and commissions,) (What/what) were (name's/your) usual bi-weekly earnings on the job (you/he/she) lost or left, before taxes or other deductions?

Enter Dollar amount \_ (Skip to SLE16)

[blind] (D) Don't know (Skip to SLE13)

[blind] (R) Refused (Skip to SD20)

Range Edit (\$ 1 to 3000) (If fails range edit, skip to SLE14)

---



---

SLE16 I have recorded (name's/your) total earnings on the job (you/he/she) lost or left as \$ (fill SLE9, SLE10, SLE11, SLE12, or SLE15) (weekly/bi-weekly/monthly/annually) before taxes or other deductions.

Is that correct?

(1) Yes (Skip to SD20 unless fill is annual then skip to SLE22)

(2) No (Go to SLE17)

[blind] (D) Don't know (Skip to SD20)

[blind] (R) Refused (Skip to SD20)

—

---

SLE17 (If SLE2 is "yes", then fill first parenthetical.)

(Including overtime pay, tips and commissions) (What/what) were (name's/your) usual (weekly/bi-weekly/monthly/annual) earnings on the job (you/he/she) lost or left, before taxes or other deductions?

Enter Dollar amount \_ (Skip to SD20 unless fill is annual then skip to SLE22)

[blind] (D) Don't know (Skip to SD20)

[blind] (R) Refused (Skip to SD20)

Range Edit (weekly \$1 to 1500)  
(bi-weekly \$1 to 3000)  
(monthly \$1 to 6000)  
(annually \$1 to 72000) (If fails range edit, skip to SLE17R)

---

-----  
SLE17R

RANGE CHECK

\*\*\*DO NOT READ TO RESPONDENT\*\*\*

(Weekly/Bi-weekly/Monthly/Annual) earnings recorded as: (fill SLE17)

IS THIS ENTRY CORRECT?

(1) Yes

(Go to SD20, unless fill is  
annual then goto SLE22)

(2) No

(Go to SLE17C)

[blind] (D) Don't Know

(Go to SD20)

[blind] (R) Refused

(Go to SD20)

-----  
-

SLE17C

\*\*\*DO NOT READ TO RESPONDENT\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL SLE17) (weekly/bi-weekly/monthly/annually)

CORRECT ENTRY IS: \$ \_

(Go to SD20, unless fill is  
annual then go to SLE22)

[blind] (D) Don't know

(Go to SD20)

[blind] (R) Refused

(Go to SD20)

-----  
SLE22

How many weeks a year did (name/you) get paid for at that job?

Number of weeks \_

[blind] (D) Don't know

[blind] (R) Refused

Range check 01-52  
-----

---

SD20 Did (name/you) receive unemployment insurance benefits after that job ended?

- (1) Yes
- (2) No (go to SD22)

[blind] (D) Don't know (go to SD22)  
[blind] (R) Refused (go to SD22)

—

---

SD21 Did (name/you) exhaust (your/his/her) eligibility for unemployment benefits?

- (1) Yes
- (2) No

[blind] (D) Don't know  
[blind] (R) Refused

—

---

SD22 Since that job ended, (have/has)(you/name) moved to a different city or county?

- (1) Yes
- (2) No (go to SD24C)

[blind] (D) Don't know (go to SD24C)  
[blind] (R) Refused (go to SD24C)

—

---

SD23 Was the reason for the move to look for work or to take a different job?

- (1) Yes
- (2) No

[blind] (D) Don't know  
[blind] (R) Refused

—

---

---

SD24C If employment status in basic CPS = employed or with a job but not at work, skip to SD25, otherwise ask SD24.

---

SD24 (Have/Has)(name/you) worked for pay since that job ended?

(1) Yes  
(2) No (go to SD27)

[blind] (D) Don't know (go to SD27)  
[blind] (R) Refused (go to SD27)

—

---

SD25 After that job ended, how many weeks went by before (name/you) started working again at another job?

ENTER NUMBER OF WEEKS    \_ \_ \_  
(0 - 168)

[blind] (D) Don't know  
[blind] (R) Refused

---

SD26 How many jobs (have/has)(name/you) held since that job ended?

ENTER NUMBER OF JOBS \_

[blind] (D) Don't know  
[blind] (R) Refused

---

SD27 Other than Medicare or Medicaid, (does/do)(name/you) now have health insurance?

(1) Yes  
(2) No

[blind] (D) Don't know  
[blind] (R) Refused

—

---

-----  
SCE1C (If MLR = 1 or 2 and not in rotation group 4 or 8) or (if MLR = 1 or 2, in rotation group 4 or 8, and IO1COW = self-employed, unincorporated), go to SCE2. Otherwise, skip to ST1LCK.  
-----

SCE2 For (name's/your) (MAIN) job now, what is the easiest way for you to report (his/her/your) total earnings BEFORE taxes or other deductions: hourly, weekly, annually, or on some other basis?

(READ IF NECESSARY: We use this information to compare the amount people earn in different types of jobs.)

- (1) Hourly
- (2) Weekly
- (3) Bi-weekly
- (4) Twice monthly
- (5) Monthly
- (6) Annually
- (7) Other (specify)

[blind] (D) Don't know

[blind] (R) Refused

(Skip to ST1LCK)

-----  
-

SCE3 (If Q20C in basic CPS is "yes", fill parenthetical.)  
(Do/Does)(you/name) usually receive overtime pay, tips, or commissions ((at your/his/her) MAIN job))?

- (1) Yes
- (2) No

[blind] (D) Don't know

[blind] (R) Refused

-----  
-----

---

SCE3C

CHECK ITEM

SCE2 is hourly (Ask SCE4)  
SCE2 is weekly, other or DK (Skip to SCE12)  
SCE2 is biweekly (Skip to SCE15)  
SCE2 is monthly or twice monthly (Skip to SCE13)  
SCE2 is annually (Skip to SCE14)

---

SCE4

(If SCE3 is "yes", then fill first parenthetical.) (If Q20C in basic CPS is "yes", then fill second parenthetical.)

(EXCLUDING overtime pay, tips and commissions) (What/what) is (name's/your) hourly rate of pay on (this/(your/his/her)MAIN) job?

Enter dollar amount \_ (dollars) . (cents)  
(Skip to SCE5)

[blind] (D) Don't know (Skip to SCE4D)  
[blind] (R) Refused (Skip to ST1LCK)

Range check \$1.00 to 30.00 (If fails range edit, go to SCE4R)

---

SCE4D

What is your best estimate of (name's/your) hourly rate of pay?

Enter Dollar amount \_ (dollars) . (cents)  
(Skip to SCE5)

[blind] (D) Don't know (Skip to ST1LCK)  
[blind] (R) Refused (Skip to ST1LCK)

Range check \$1.00 to 30.00 (If fails range edit, go to SCE4R)

---



---

SCE4R      RANGE CHECK

(If SCE4D has entry then fill parenthetical with SCE4D. Otherwise, fill with SCE4.)

\*\*\*DO NOT ASK THE RESPONDENT\*\*\*

Hourly earnings recorded as: (fill SCE4) hourly

IS THIS ENTRY CORRECT?

- |     |     |               |
|-----|-----|---------------|
| (1) | Yes | (Go to SCE5)  |
| (2) | No  | (Go to SCE4C) |

—

---

SCE4C      CHECK ITEM

(If SCE4D has entry then fill parenthetical with SCE4D. Otherwise fill with SCE4.)

\*\*\*DO NOT READ TO RESPONDENT\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL SCE4) hourly

CORRECT ENTRY IS:      \$ \_ (dollars) .      (cents)

---

SCE5      How many hours (do/does)(you/name) usually work per week at this rate?

Enter number of hours      \_      (Go to SCE5C2)

[blind] (D)      Don't know      (Go to SCE5C)

[blind] (R)      Refused      (Go to SCE5C)

(Range check 01-99)

---

SCE5C

CHECK ITEM

If Q20E-a in basic CPS is D, V, or R  
All others

(Skip to SCE12)  
(Plug SCE5 with Q20E-a  
from basic CPS and Skip to  
SCE5C2)

SCE5C2

CHECK ITEM

SCE3 is "yes"  
All others

(Ask SCE6)  
(Skip to SCE9)

SCE6

(If Q20C in basic CPS is "yes", fill parenthetical.)

(How/At (name's/your) MAIN job, how) much (do/does)(you/he/she) usually  
receive, JUST in overtime pay, tips, or commissions, before taxes or other  
deductions?

- |     |           |                 |
|-----|-----------|-----------------|
| (1) | per hour  | (Skip to SCE6B) |
| (2) | per day   | (Skip to SCE6A) |
| (3) | per week  | (Skip to SCE6A) |
| (4) | per month | (Skip to SCE6A) |
| (5) | per year  | (Skip to SCE6A) |
| (6) | Other     | (Skip to SCE6D) |

[blind] (D) Don't know  
[blind] (R) Refused

(Skip to SCE6D)  
(Skip to ST1LCK)

—

SCE6A

\*\*\*DO NOT READ TO RESPONDENT\*\*\*

ENTER DOLLAR AMOUNT      \$ \_ .      (Go to SCE7C)

Range Edit    If entry is per day - \$1 to \$240;  
                  If entry is per week - \$1 to \$1,500;  
                  If entry is per month - \$1 to \$6,000;  
                  If entry is per year - \$1 to \$72,000)  
(If fails range edit, skip to SCE6R)

---

SCE6B \*\*\*DO NOT READ TO RESPONDENT\*\*\*

ENTER DOLLAR AMOUNT \$ \_ (dollars) . (cents)  
(Go to SCE7C)

(Range Edit If entry is per hour - \$1 to \$30;  
If fails range edit, skip to SCE6R)

---

SCE6D What is your best estimate of how much (name/you) usually (earns/earn) per week, JUST in overtime pay, tips, or commissions, before taxes or other deductions?

Enter Dollar amount \_ (Skip to SCE7C)

[blind] (D) Don't know (Skip to ST1LCK)

[blind] (R) Refused (Skip to ST1LCK)

Range Edit (\$ 1 to 1500) (If fails range edit, go to SCE6R)

---

SCE6R RANGE CHECK

(If SCE6D has entry, then fill first parenthetical with "weekly" and second parenthetical with SCE6D.)

(Otherwise, fill first parenthetical with periodicity specified in SCE6 and second parenthetical with amount specified in SCE6A OR SCE6B.)

\*\*\*DO NOT READ TO RESPONDENT\*\*\*

Usual (hourly/weekly/bi-weekly/monthly/annual) earnings in overtime pay, tips or commissions recorded as: (fill SCE6A, SCE6B, or SCE6D)

IS THIS ENTRY CORRECT?

(1) Yes (Go to SCE7C)

(2) No (Go to SCE6C1 or SCE6C2  
if periodicity is hourly)

—

---

---

SCE6C1 CHECK ITEM

(If SCE6D has entry, then fill parenthetical with SCE6D. Otherwise fill with SCE6A or SCE6B.)

\*\*\*DO NOT READ TO RESPONDENT\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL SCE6A or SCE6B)

CORRECT ENTRY IS: \$ \_ (go to SCE7C)

---

SCE6C2 CHECK ITEM

\*\*\*DO NOT READ TO RESPONDENT\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL SCE6B)

CORRECT ENTRY IS: \$ \_ (dollars) . (cents)  
(go to SCE7C)

---

SCE7C CHECK ITEM

Entry in SCE6 is "per hour" (Ask SCE7)  
All others (Skip to SCE9)

---

SCE7 How many hours (do/does)(you/name) usually work per week at this rate?

Enter number of hours \_ (Skip to SCE9)

[blind] (D) Don't know (Ask SCE8)  
[blind] (R) Refused (Skip to ST1LCK)

---

SCE8 What is your best estimate of the number of hours per week (name/you) usually (work/works) at this rate?

Enter number of hours \_ (Ask SCE9)

[blind] (D) Don't know (Skip to ST1LCK)  
[blind] (R) Refused (Skip to ST1LCK)

---

---

SCE9

Calculate weekly earnings variable (HWKRN) by (multiplying entry in SCE5 by entry in SCE4 or SCE4D) and adding in the entry to SCE6A, SCE6B, or SCE6D).

NOTE: Conversion to "weekly" estimates are necessary for different periodicity in SCE6A, SCE6B, or SCE6D. Also, for persons responding as "per hour," the entry must be multiplied by SCE7 or SCE8. The entry of "per month" should be divided by "4" and the entry of "per year" should be divided by "52."

(Fill parenthetical if Q20C=1 in basic CPS.)

I have estimated (name's/your) usual WEEKLY earnings (for the main job) as \$ HWKRN, before taxes or other deductions.

Does that sound correct?

- |     |     |                  |
|-----|-----|------------------|
| (1) | Yes | (Skip to ST1LCK) |
| (2) | No  | (Go to SCE10)    |

- |             |            |                  |
|-------------|------------|------------------|
| [blind] (D) | Don't know | (Ask SCE10)      |
| [blind] (R) | Refused    | (Skip to ST1LCK) |

—

---

---

SCE10 In "3." below fill second parenthetical with periodicity specified in SCE6A, SCE6B, or SCE6D.

I have recorded:

1. (Fill SCE4 or SCE4D) as (name's/your) hourly rate of pay. (If 1, go to SCE10e)
2. (Fill SCE5) as the number of hours (you/he/she) usually (work/works) at this rate. (If 2, go to SCE10f)
3. (Fill SCE6A, SCE6B, or SCE6D) as the amount (you/he/she) usually (earn/earns) (weekly) in overtime pay, tips and commissions. (If 3, go to SCE10h) (If SCE3 is (2) No, then number 3 does not get displayed)
4. (Fill SCE7 or SCE8) as the number of hours per week (you/he/she) usually (work/works) at this rate. (If 4, go to SCE10i)

Which piece or pieces of information do not seem to be correct?

DO NOT READ TO RESPONDENT: Enter number(s) corresponding to line(s) requiring correction.

All information is correct.

(Enter "P" to proceed; go to SCE10J)

[blind] (D) Don't know  
[blind] (R) Refused

(go to SCE10J)  
(Skip to ST1LCK)

---

SCE10e What is (your/name's) hourly rate of pay on this job, excluding overtime pay, tips or commissions?

ENTER AMOUNT \_ (dollars) . (cents)

(Go to SCE10f, SCE10h, SCE10i, or SCE11)

---

SCE10f How many hours (do/does)(name/you) usually work per week at the rate of (fill SCE4)?

ENTER AMOUNT \_

(Go to SCE10h, SCE10i, or SCE11)

---

---

SCE10h How much (do/does)(name/you) usually earn WEEKLY, just in overtime pay, tips, or commissions?

ENTER AMOUNT \_ (Go to SCE10i or SCE11)

---

SCE10i How many hours (do/does)(name/you) usually work per week at the rate of (fill SCE6A or SCE6B)?

ENTER AMOUNT \_ (Go to SCE11)

---

SCE10J Then, (including overtime pay, tips and commissions,) what are (your/name's) usual WEEKLY earnings on (this/(your/his/her) MAIN) job, before taxes or other deductions?

Correct entry is: \_ (go to SCE11)

---

SCE11 (Fill parenthetical if Q20C=1 in basic CPS.)  
I have estimated (name's/your) total WEEKLY earnings (for (his/her/your) main job) as \$ (amount), before taxes or other deductions.

Does that sound correct?

- (1) Yes (Skip to ST1LCK)
- (2) No (Irreconcilable difference) (Skip to ST1LCK)

[blind] (D) Don't know (Go to ST1LCK)  
[blind] (R) Refused (Go to ST1LCK)

—

---

---

SCE12 (If SCE3 is "yes", then fill first parenthetical.)

(If Q20C in basic CPS is "yes", then fill second parenthetical with "the MAIN".)

(Including overtime pay, tips and commissions) (What/what) are (name's/your) usual weekly earnings on (this job,/(your/his/her) MAIN job,) before taxes or other deductions?

Enter Dollar amount                    \_                    (Skip to SCE19)

[blind] (D)    Don't know                    (Skip to SCE16)  
[blind] (R)    Refused                                (Skip to ST1LCK)

Range Edit (\$ 1 to 1500) (If fails range edit, skip to SCE17)

---

SCE13 (If SCE3 is "yes", then fill first parenthetical.)

(Fill second parenthetical if Q20C=1 in basic CPS)

(INCLUDING overtime pay, tips and commissions) (What/what) are (name's/your) usual monthly earnings on (this job,/(your/his/her) MAIN job), before taxes or other deductions?

Enter Dollar amount                    \_                    (Skip to SCE19)

[blind] (D)    Don't know                    (Skip to SCE16)  
[blind] (R)    Refused                                (Skip to ST1LCK)

Range Edit (\$1 to 6000) (If fails Range Edit, go to SCE17)

---



---

SCE14 (If SCE3 is "yes", then fill first parenthetical.)

(If Q20C in basic CPS is "yes", then fill second parenthetical with "the MAIN".)

(Including overtime pay, tips and commissions) (What/what) are (name's/your) usual annual earnings on (this/(your/his/her) MAIN) job, before taxes or other deductions?

Enter Dollar amount                      \_                      (Skip to SCE19)

[blind] (D)     Don't know                      (Skip to SCE16)  
[blind] (R)     Refused                      (Skip to ST1LCK)

Range Edit (\$ 1 to 72,000) (If fails range edit, skip to SCE17)

---

SCE15 (If SCE3 is "yes", then fill first parenthetical)

(If Q20C in basic CPS is "yes", then fill second parenthetical with "the MAIN".)

(Including overtime pay, tips and commissions,) (What/what) are (name's/your) usual bi-weekly earnings on (this job/(your/his/her) MAIN job), before taxes or other deductions?

Enter Dollar amount                      \_                      (Skip to SCE19)

[blind] (D)     Don't know                      (Skip to SCE16)  
[blind] (R)     Refused                      (Skip to ST1LCK)

Range Edit (\$ 1 to 3000) (If fails range edit, skip to SCE17)

---

---

SCE16      What is your best estimate of (name's/your) usual (weekly/bi-weekly/  
monthly/annual) earnings before taxes or other deductions?

Enter Dollar amount                      \_                      (Skip to SCE19)

[blind] (D)      Don't know                      (Skip to ST1LCK)

[blind] (R)      Refused                      (Skip to ST1LCK)

Range Edit      (weekly \$ 1 to 1500)  
                    (bi-weekly \$1 to 3000)  
                    (monthly \$1 to 6000)  
                    (annual \$1 to 72000) (If fails range edit, skip to SCE17)

---

SCE17      RANGE CHECK

(If SCE16 has entry then fill parenthetical with SCE16. Otherwise, fill with  
SCE12, SCE13, SCE14, or SCE15.)

\*\*\*DO NOT READ TO RESPONDENT\*\*\*

(Weekly/Bi-weekly/Monthly/Annual) earnings recorded as: (fill SCE12, SCE13,  
SCE14, or SCE15).

IS THIS ENTRY CORRECT?

(1)      Yes                      (Go to SCE19)

(2)      No                      (Go to SCE18)

—

---

---

SCE18 CHECK ITEM

(If SCE16 has entry then fill parenthetical with SCE16. Otherwise fill with SCE12, SCE13, SCE14, or SCE15.)

\*\*\*DO NOT READ TO RESPONDENT\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL SCE12, SCE13, SCE14, or SCE15).

CORRECT ENTRY IS: \$ \_ (Go to SCE19)

---

SCE19 (Fill second parenthetical with "MAIN" if Q20C=1 in basic CPS)

I have recorded (name's/your) total earnings (for (his/her/your) main job) as \$(fill SCE12, SCE13, SCE14, SCE15, or SCE16) (weekly/bi-weekly/monthly/annually), before taxes or other deductions.

Is that correct?

- |     |     |                  |
|-----|-----|------------------|
| (1) | Yes | (Skip to ST1LCK) |
| (2) | No  | (Go to SCE20)    |

- |             |            |                  |
|-------------|------------|------------------|
| [blind] (D) | Don't know | (Skip to ST1LCK) |
| [blind] (R) | Refused    | (Skip to ST1LCK) |
- 
-

SCE20 (If SCE3 is "yes", then fill first parenthetical.)

(Fill second parenthetical if Q20C=1 in basic CPS)

(INCLUDING overtime pay, tips and commissions) (What/what) are (name's/your) usual (weekly/bi-weekly/monthly/annual) earnings on (this/(your/his/her) MAIN) job, before taxes or other deductions?

Enter Dollar amount                    —                                   (Go to SCE24C)

[blind] (D)    Don't know   (Skip to ST1LCK)  
[blind] (R)    Refused    (Skip to ST1LCK)

Range Edit    (weekly \$1 to 1500)  
                  (bi-weekly \$1 to 3000)  
                  (monthly \$1 to 6000)  
                  (annually \$1 to 72000) (If fails range edit, go to SCE20R)

SCE20R                    \*\*\*DO NOT READ TO RESPONDENT\*\*\*

(Weekly/Bi-weekly/Monthly/Annual) earnings recorded as (fill SCE20).

IS THIS ENTRY CORRECT?

(1)    YES   (Go to ST1LCK)  
(2)    NO   (Go to SCE20C)

—

SCE20C                    \*\*\*DO NOT READ TO RESPONDENT\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL SCE20) (weekly/bi-weekly/monthly/annually)

CORRECT ENTRY IS:                    —                                   (Go to SCE24C)

SCE24C    CHECK ITEM

SCE14 has an entry.....(Ask SCE25)  
All others.....(Skip to ST1LCK)

-----  
SCE25      How many weeks a year (do/does)(you/name) get paid for?

Number of weeks      \_

[blind] (D)      Don't know

[blind] (R)      Refused

Range check 01-52

-----  
ST1LCK      If MLR = 1 or 2, go to ST1L. Otherwise, go to next person in the household.

-----  
ST1L      \*\*\*ONLY READ FOR THE FIRST PERSON IN THE HOUSEHOLD\*\*\*

Now I have a few questions about the length of time (you/name)(have/has) been with (your/his/her) current employer.

-----  
ST1C      If person is wage and salary worker and provided name of main employer in basic CPS, fill first parenthetical. If person is self-employed (incorporated or unincorporated), fill second parenthetical. If person is multiple jobholder but did not provide main employer name in basic CPS, fill third parenthetical. If wage and salary worker (1 job) in basic CPS but did not give employer name, fill fourth parenthetical.

-----  
ST1@A      How long (have/has)(you/name) been working CONTINUOUSLY ((for) fill  
ST1@B      company name from basic CPS)(as a self-employed person at (his/her/your) present business)(at (your/his/her) main job)(for (your/his/her) present employer)?

Enter amount      \_

(1)      Days      (go to ST1C2)

(2)      Weeks      (go to ST1C2)

(3)      Months      (go to ST1C2)

(4)      Years      (go to ST1C2)

-----  
\_

[blind] (D)      Don't know      (go to ST6C)

[blind] (R)      Refused      (go to ST6C)

-----  
ST1C2      If person's age (from basic CPS) minus tenure in ST1 is less than 14 years, go to ST1R; Otherwise, go to ST2C.  
-----

---

ST1R \*\*\*\*\*DO NOT READ TO RESPONDENT\*\*\*\*\*

Tenure amount entered in ST1 makes this person less than 14 years of age when they began working. Is this correct?

- |     |     |                                  |
|-----|-----|----------------------------------|
| (1) | Yes | (Go to ST2C)                     |
| (2) | No  | (Go back to ST1 to amend answer) |

---

ST2C If ST1 is 1 or 2 years, go to ST3. If ST1 is 3 years or more, go to ST6C. If ST1 is days, weeks, or months, go to ST6C.

---

ST3 Could you please give the exact number of months?

READ IF NECESSARY: We are trying to get precise information about people who have been with their employer for a relatively short time.

- |             |                |              |
|-------------|----------------|--------------|
| _           | Months (01-35) | (go to ST6C) |
| [blind] (D) | Don't know     | (go to ST6C) |
| [blind] (R) | Refused        | (go to ST6C) |

---

ST6C If occupation not provided in basic CPS, [go to next person; if no more persons END SUPPLEMENT](#).  
If (age = 15-19) AND (ST1 = days < 365, weeks < 52, months < 12, Don't Know or Refused, or ST3 = months < 12, Don't Know or Refused), go to ST8.  
If (ST1 = days < 365, weeks < 52, months < 12, Don't Know or Refused, or ST3 = months < 12, Don't Know or Refused) AND (SD1 = 1) AND (SD2 = 1, 2, or 3) AND (SD3 = 3), go to ST7C.  
If (ST1 = days < 365, weeks < 52, months < 12, Don't Know or Refused, OR ST3 = months < 12, Don't Know or Refused) AND ((SD1 = 1 and SD2 = 1, 2, or 3 and SD3 = 3) OR (SD1 = 1 and SD2 = 4, 5, 6, Don't Know or Refused) OR (SD1 = 2, Don't Know or Refused)), go to ST8.  
If (ST1 = days = 365, weeks ge 52, months ge 12, years ge 2, or ST3 = months ge 12, go to ST20.

---

ST7C If no employer name provided in SD10 or SD11, do not use fill in ST7.

---

---

ST7 Earlier you told me (name/you) lost or left a job (at employer name in SD10 or SD11) in 2019. Did (name/you) work at that job in January 2019?

INTERVIEWER ONLY: Enter 1 for "yes" even if the person worked only 1 day in January 2019.

(1) Yes (go to next person; if no more persons END SUPPLEMENT)

(2) No

[blind] (D) Don't Know  
[blind] (R) Refused

—

---

ST8 Did (name/you) work at ANY job 1 year ago, in January 2019?

INTERVIEWER ONLY: Enter 1 for "yes" even if person worked only 1 day in January 2019.

(1) Yes (go to ST20)  
(2) No (go to next person; if no more persons END SUPPLEMENT)

[blind] (D) Don't Know (go to next person; if no more persons END SUPPLEMENT)  
[blind] (R) Refused

—

---

ST20 Earlier you told me that (name/you) (is/are) now working as (fill occupation from basic CPS). (Was/Were) (name/you) doing the same kind of work a year ago, in January 2019?

(1) Yes (go to next person; if no more persons END SUPPLEMENT)  
(2) No (go to ST21)

[blind] (D) Don't Know (go to next person; if no more persons END SUPPLEMENT)  
[blind] (R) Refused

-----  
ST21           What kind of work did (name/you) do, that is, what was (his/her/your) occupation  
in January 2019?

\_\_\_\_\_  
[blind] (D)   Don't Know  
[blind] (R)   Refused

-----  
ST22           What were (his/her/your) usual activities or duties at that job? (For example:  
typing, keeping account books, filing, selling cars, operating printing press, laying  
bricks)

\_\_\_\_\_  
\_\_\_\_\_  
(go to ST25C)

[blind] (D)   Don't Know                   (go to next person; if no  
[blind] (R)   Refused                      more persons END  
SUPPLEMENT)

-----  
ST25C          If ST1 = days < 365, weeks < 52, months < 12, Don't Know or Refused  
                OR ST3 = months < 12, Don't Know or Refused, go to ST25.  
If ST1 = days = 365, weeks ge 52, months ge 12, or years ge 2,  
                OR ST3 = months ge 12, go to next person; if no more persons END  
SUPPLEMENT

-----  
ST25           A year ago, in January 2019, (was/were) (name/you) employed by government, a  
private company, or a nonprofit organization, or (was/were) (name/you) self-  
employed or working in a business owned by a member of (his/her/your) family?

- (1)    Government                       (go to ST26)
- (2)    Private for-profit company       (go to ST28)
- (3)    Nonprofit organization         (go to ST28)
- (4)    Self-employed                  (go to ST28)
- (5)    Working in a family-owned business (go to ST27)

[blind] (D)   Don't Know                       (go to ST28)  
[blind] (R)   Refused                       (go to ST28)



[If <2>, SCOW2 = 4; if <3>, SCOW2 = 5; if <4>, SCOW2 = 11]

---

ST26 Was that the Federal, state, or local government?

- (1) Federal (go to ST29)
- (2) State (go to ST29)
- (3) Local (county, city, township) (go to ST29)

[blind] (D) Don't Know (go to ST29)  
[blind] (R) Refused (go to ST29)

—

[If <1>, SCOW2 = 1; if <2>, SCOW2 = 2; if <3>, SCOW2 = 3;  
if <D> or <R>, SCOW2 = 10 ]

---

ST27 (Was/Were) (name/you) working for pay?

- (1) Yes
- (2) No

[blind] (D) Don't Know  
[blind] (R) Refused

—

[If <1>, SCOW2 = 4; If <2>, SCOW2 = 8; if <D> or <R>, SCOW2 = 9 ;]

---

ST28 [If ST25 = 2, D, or R, use first ( ); if ST25 = 3, use second ( ); if ST25 = 4 or 5, use third ( ).]

What was the name of the (company)(nonprofit organization)(business) for which (name/you) worked in January 2019?

---

(go to ST30)

[blind] (D) Don't Know (go to ST30)  
[blind] (R) Refused (go to ST30)

Store ST28 in S2NAM

---

---

ST29            What was the name of the government agency for which (name/you) worked in January 2019?

---

(go to next person; if no more persons END SUPPLEMENT)

[blind] (D)    Don't Know                            (go to next person; if no  
[blind] (R)    Refused                                more persons END  
SUPPLEMENT)

Store ST29 in S2NAM

---

ST30            In what kind of business or industry did (name/you) work in January 2019? That is, what did they make or do where (name/you) worked?

---

[blind] (D)    Don't Know  
[blind] (R)    Refused

---

ST31            ASK IF NECESSARY

Was the business or organization in which (name/you) worked in January 2019 mainly manufacturing, retail trade, wholesale trade, or something else?

- (1)    Manufacturing                        (go to next person; if no more persons END SUPPLEMENT)
- (2)    Retail trade                            (go to next person; if no more persons END SUPPLEMENT)
- (3)    Wholesale trade                       (go to next person; if no more persons END SUPPLEMENT)
- (4)    Something else                        (go to next person; if no more persons END SUPPLEMENT)

[blind] (D)    Don't Know                            (go to next person; if no  
[blind] (R)    Refused                                more persons END  
SUPPLEMENT)

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## ATTACHMENT 9

### INDUSTRY CLASSIFICATION

#### Industry Classification Codes for Detailed Industry (4 digit) (Starting January 2020)

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 the ASEC files**. In the **ASEC**, these codes correspond to PEIOIND and INDUSTRY, in positions 219-222 and 297-300 of the Person record.

| <b>CENSUS<br/>CODE</b>                             | <b>DESCRIPTION</b>  | <b>NAICS<br/>CODE</b> |
|--|---|-----------------------|
| <b>Agriculture, Forestry, Fishing, and Hunting</b> |   |                       |
| 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                   |
| <b>Mining</b>                                      |   |                       |
| 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                   |
| <b>Utilities</b>                                   |   |                       |
| 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            |

| <b>CENSUS<br/>CODE</b>                | <b>DESCRIPTION</b>   | <b>NAICS<br/>CODE</b>  |
|---------------------------------------|--|------------------------|
| <b>Construction</b>                   |  |                        |
| 0770                                  | ** Construction<br>(Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction) | 23                     |
| <b>Manufacturing</b>                  |  |                        |
| <b>Nondurable Goods manufacturing</b> |  |                        |
| 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.<br>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.<br>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            |
| 1691                                  | Cut and sew apparel manufacturing, apparel accessories, and other apparel manf.  | 3152, 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,<br>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           |

| <b>CENSUS<br/>CODE</b>             | <b>DESCRIPTION</b>   | <b>NAICS<br/>CODE</b>   |
|------------------------------------|--|---|
| <b>Durable Goods Manufacturing</b> |  |   |
| 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<br>332995   |
| 2980                               | Miscellaneous fabricated metal products manufacturing                          | 3325, 3326,<br>3329 exc.<br>332992, 332993,<br>332994, 332995 |
| 2990                               | Not specified metal industries   | Part of 331<br>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  |
| 3291                               | "Machinery manufacturing, n.e.c. or not specified"                             | 3332, 3334,<br>3339, 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,<br>3359   |
| 3570                               | Motor vehicles and motor vehicle equipment manufacturing                       | 3361, 3362,<br>3363   |
| 3580                               | Aircraft and parts manufacturing   | 336411 to<br>336413   |
| 3590                               | Aerospace products and parts manufacturing                                     | 336414,<br>336415, 336419                                     |
| 3670                               | Railroad rolling stock manufacturing   | 3365  |
| 3680                               | Ship and boat building   | 3366  |
| 3690                               | Other transportation equipment manufacturing                                   | 3369  |

| <b>CENSUS CODE</b> | <b>DESCRIPTION</b>                                | <b>NAICS CODE</b>           |
|--------------------|---|-----------------------------|
| 3770               | Sawmills and wood preservation                    | 3211                        |
| 3780               | Veneer, plywood, and engineered wood products     | 3212                        |
| 3790               | Prefabricated wood buildings and mobile homes     | 321991,<br>321992           |
| 3875               | Miscellaneous wood products                       | 3219 exc.<br>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.<br>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 | Household appliances and electrical and electronic 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.<br>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.<br>42491 |
| 4585 | Wholesale electronic markets, agents and brokers                        | 4251               |
| 4590 | Not specified wholesale trade   | Part of 42         |

| <b>CENSUS<br/>CODE</b>                | <b>DESCRIPTION</b>   | <b>NAICS<br/>CODE</b>              |
|---------------------------------------|--|------------------------------------|
| <b>Retail Trade</b>                   |  |                                    |
| 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   | 443141                             |
| 4795                                  | Electronics stores   | 443142                             |
| 4870                                  | Building material and supplies dealers                                 | 4441 exc.<br>44413                 |
| 4880                                  | Hardware stores  | 44413                              |
| 4890                                  | Lawn and garden equipment and supplies stores                          | 4442                               |
| 4971                                  | Supermarkets and Other Grocery (except Convenience) Stores             | 44511                              |
| 4972                                  | Convenience Stores   | 44512                              |
| 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.<br>44821, 4483            |
| 5180                                  | Shoe stores  | 44821                              |
| 5190                                  | Jewelry, luggage, and leather goods stores                             | 4483                               |
| 5275                                  | Sporting goods, and hobby and toy stores                               | 45111, 45112                       |
| 5280                                  | Sewing, needlework, and piece goods stores                             | 45113                              |
| 5295                                  | Musical instrument and supplies stores                                 | 45114                              |
| 5370                                  | Book stores and news dealers   | 45121                              |
| 5381                                  | Department stores  | 45221                              |
| 5391                                  | General merchandise stores, including warehouse clubs and supercenters | 4523                               |
| 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                               |
| 5593                                  | Electronic shopping and mail-order houses                              | 454110                             |
| 5670                                  | Vending machine operators  | 4542                               |
| 5680                                  | Fuel dealers   | 45431                              |
| 5690                                  | Other direct selling establishments                                    | 45439                              |
| 5790                                  | Not specified retail trade   | Part of 44, 45                     |
| <b>Transportation and Warehousing</b> |  |                                    |
| 6070                                  | Air transportation   | 481                                |
| 6080                                  | Rail transportation  | 482                                |
| 6090                                  | Water transportation   | 483                                |
| 6170                                  | Truck transportation   | 484                                |
| 6180                                  | Bus service and urban transit  | 4851, 4852,<br>4854, 4855,<br>4859 |
| 6190                                  | Taxi and limousine service   | 4853                               |

| <b>CENSUS<br/>CODE</b>  | <b>DESCRIPTION</b>  | <b>NAICS<br/>CODE</b>            |
|---|---|----------------------------------|
| 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                              |
| <b>Information</b>  |   |                                  |
| 6470  | Newspaper publishers  | 51111                            |
| 6480  | Publishing, except newspapers and software  | 5111 exc.<br>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   | 517311                           |
| 6690  | Other telecommunications services   | 517 exc.<br>517311               |
| 6695  | Data processing, hosting, and related services  | 518                              |
| 6770  | Libraries and archives  | 51912                            |
| 6780  | Other information services  | 5191 exc.<br>51912, 51913        |
| <b><i>Finance, Insurance, Real Estate, and Rental and Leasing</i></b> |   |                                  |
| <b>Finance and Insurance</b>  |   |                                  |
| 6870  | Banking and related activities  | 521,52211,<br>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                         |
| 6991  | Insurance carriers  | 5241                             |
| 6992  | Agencies, brokerages, and other insurance related activities  | 5242                             |
| <b>Real Estate and Rental and Leasing</b>                             |   |                                  |
| 7071  | Lessors of real estate, and offices of real estate agents and brokers   | 5311, 5312                       |
| 7072  | Real estate property managers, offices of real estate appraisers, and other activities related to real estate | 5313                             |
| 7080  | Automotive equipment rental and leasing   | 5321                             |
| 7181  | Other consumer goods rental   | 53221, 532281,<br>532282, 532283 |
| 7190  | Commercial, industrial, and other intangible assets rental and leasing  | 5324, 533                        |



| <b>CENSUS<br/>CODE</b>  | <b>DESCRIPTION</b>   | <b>NAICS<br/>CODE</b> |
|---|--|-----------------------|
| <b><i>Professional, Scientific, Management, Administrative, and Waste management services</i></b> |  |                       |
| <b>Professional, Scientific, and Technical Services</b>   |  |                       |
| 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.<br>54194    |
| <b>Management, Administrative and Support, and Waste Management Services</b>                      |  |                       |
| <b><i>Management of companies and enterprises</i></b>   |  |                       |
| 7570  | Management of companies and enterprises                                  | 551                   |
| <b><i>Administrative and support and waste management services</i></b>                            |  |                       |
| 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.<br>56173    |
|   | (except cleaning during construction and immediately after construction) | 7770                  |
| 7770  | Landscaping services   | 56173                 |
| 7780  | Other administrative and other support services                          | 5611, 5612,<br>5619   |
| 7790  | Waste management and remediation services                                | 562                   |
| <b><i>Educational, Health and Social Services</i></b>   |  |                       |
| <b>Educational Services</b>   |  |                       |
| 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            |
| <b>Health Care and Social Assistance</b>  |  |                       |
| 7970  | Offices of physicians  | 6211                  |
| 7980  | Offices of dentists  | 6212                  |

| <b>CENSUS CODE</b> | <b>DESCRIPTION</b>   | <b>NAICS CODE</b>         |
|--------------------|--|---------------------------|
| 7990               | Offices of chiropractors   | 62131                     |
| 8070               | Offices of optometrists  | 62132                     |
| 8080               | Offices of other health practitioners  | 6213 exc.<br>62131, 62132 |
| 8090               | Outpatient care centers  | 6214                      |
| 8170               | Home health care services  | 6216                      |
| 8180               | Other health care services   | 6215, 6219                |
| 8191               | General medical and surgical hospitals, and specialty (except psychiatric and substance abuse) hospitals | 6221, 6223                |
| 8192               | Psychiatric and substance abuse hospitals  | 6222                      |
| 8270               | Nursing care facilities  | 6231                      |
| 8290               | Residential care facilities, without nursing   | 6232, 6233,<br>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**

|      |   |                   |
|------|---|-------------------|
| 8561 | Performing arts companies   | 7111              |
| 8562 | Spectator sports  | 7112              |
| 8563 | Promoters of performing arts, sports, and similar events, agents and managers for artists, athletes | 7113, 7114        |
| 8564 | Independent artists, writers, and performers  | 7115              |
| 8570 | Museums, art galleries, historical sites, and similar institutions                                  | 712               |
| 8580 | Bowling centers   | 71395             |
| 8590 | Other amusement, gambling, and recreation industries  | 713 exc.<br>71395 |

**Accommodation and Food Service**

|      |   |               |
|------|---|---------------|
| 8660 | Traveler accommodation  | 7211          |
| 8670 | Recreational vehicle parks and camps, and rooming and boardinghouses, dormitories, and workers' camps | 7212, 7213    |
| 8680 | Restaurants and other food services   | 722 exc. 7224 |
| 8690 | Drinking places, alcoholic beverages  | 7224          |

**Other Services (Except Public Administration)**

|      |  |                     |
|------|--|---------------------|
| 8770 | Automotive repair and maintenance  | 8111 exc.<br>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                |
| 8891 | Personal and household goods repair and maintenance                      | 8114                |
| 8970 | Barber shops   | 812111              |
| 8980 | Beauty salons  | 812112              |

| <b>CENSUS<br/>CODE</b>       | <b>DESCRIPTION</b>  | <b>NAICS<br/>CODE</b>             |
|------------------------------|---|-----------------------------------|
| 8990                         | Nail salons and other personal care services                                | 812113,<br>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,<br>8134               |
| 9180                         | Labor unions  | 81393                             |
| 9190                         | Business, professional, political, and similar organizations                | 8139 exc.<br>81393                |
| 9290                         | Private households  | 814                               |
| <b>Public Administration</b> |   |                                   |
| 9370                         | Executive offices and legislative bodies                                    | 92111, 92112,<br>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                               |
| <b>Armed Forces</b>          |   |                                   |
| 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 ASEC**. In **ASEC**, these codes correspond to Item A-DTIND and are located in positions 243-244.

| CODE | DESCRIPTION   | INDUSTRY CODE        |
|------|---|----------------------|
| 1    | Agriculture   | 0170 - 0180,<br>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 - 3291          |
| 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                 |

| <b>CODE</b> | <b>DESCRIPTION</b>                        | <b>INDUSTRY CODE</b> |
|-------------|---|----------------------|
| 40          | Educational services                      | 7860 - 7890          |
| 41          | Hospitals                                 | 8190                 |
| 42          | Health care services, except hospitals    | 7970 - 8180,         |
| 43          | Social assistance                         | 8370 - 8470          |
| 44          | Arts, entertainment, and recreation       | 8560 - 8590          |
| 45          | Accommodation                             | 8660, 8670           |
| 46          | Food services and drinking places         | 8680, 8690           |
| 47          | Repair and maintenance                    | 8770 - 8890          |
| 48          | Personal and laundry services             | 8970 - 9090          |
| 49          | Membership associations and organizations | 9160 - 9190          |
| 50          | Private households                        | 9290                 |
| 51          | Public administration                     | 9370 - 9590          |
| 52          | Armed forces                              | 9890                 |

## 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** ASEC. In ASEC, these codes correspond to Item A-MJIND and are located in positions 211-212.

| <b>CODE</b> | <b>DESCRIPTION</b>                          | <b>INDUSTRY CODE</b>    |
|-------------|---|-------------------------|
| 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,<br>0570-0690 |
| 7           | Information                                 | 6470-6780               |
| 8           | Financial activities                        | 6870-7190               |
| 9           | Professional and business services          | 7270-7790               |
| 10          | Educational and health services             | 7860-8470               |
| 11          | Leisure and hospitality                     | 8560-8690               |
| 12          | Other services                              | 8770-9290               |
| 13          | Public administration                       | 9370-9590               |
| 14          | Armed Forces                                | 9890                    |

# APPENDIX 10

## OCCUPATION CLASSIFICATION

(Beginning January 2020)

These categories are aggregated into 23 detailed groups and 11 major groups (see pages 10-17 and 10-18). The codes in the right hand column are the 2018 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 223-226 and 311-314 of the Persons Record. These codes are also applicable for any other CPS supplements that collect occupation data.

**2018  
CENSUS  
CODE**

**DESCRIPTION**

**2018 SOC  
CODE**

**Management, Business, Science, and Arts Occupations**

**Management, Business, and Financial Occupations**

**2018  
CENSUS  
CODE**

**DESCRIPTION**

**2018 SOC  
CODE**

**Management Occupation**

|      |   |         |
|------|---|---------|
| 0010 | Chief executives  | 11-1011 |
| 0020 | General and operations managers                           | 11-1021 |
| 0040 | Advertising and promotions managers                       | 11-2011 |
| 0051 | Marketing Managers  | 11-2021 |
| 0052 | Sales managers  | 11-2022 |
| 0060 | Public relations and fundraising managers                 | 11-2030 |
| 0101 | Administrative services managers                          | 11-3012 |
| 0102 | Facilities managers                                       | 11-3013 |
| 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 and childcare administrators                    | 11-9030 |
| 0300 | Engineering managers                                      | 11-9041 |
| 0310 | Food service managers                                     | 11-9051 |
| 0335 | Entertainment and recreation managers                     | 11-9070 |
| 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 |
| 0440 | Managers, all other                                       | 11-9199 |
| 0430 | Managers, all other                                       | 11-9161 |

**Business and Financial Operations Occupations**

|      |   |         |
|------|---|---------|
| 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 |



| <b>2018<br/>CENSUS<br/>CODE</b> | <b>DESCRIPTION</b>                                   | <b>2018 SOC<br/>CODE</b> |
|---------------------------------|--|--------------------------|
| 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                  |
| 0705                            | Project management specialists                       | 13-1082                  |
| 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                  |
| 0750                            | Business operations specialists, all other           | 13-1199                  |
| 0800                            | Accountants and auditors                             | 13-2011                  |
| 0810                            | Property appraisers and assessors                    | 13-2020                  |
| 0820                            | Budget analysts                                      | 13-2031                  |
| 0830                            | Credit analysts                                      | 13-2041                  |
| 0845                            | Financial and investment 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                  |
| 0960                            | Other financial specialists                          | 13-2099                  |

### **Computer, Engineering, and Science Occupations**

#### **Computer and Mathematical Occupations**

|      |   |         |
|------|---|---------|
| 1005 | Computer and information research scientists    | 15-1221 |
| 1006 | Computer systems analysts                       | 15-1211 |
| 1007 | Information security analysts                   | 15-1212 |
| 1010 | Computer programmers                            | 15-1251 |
| 1021 | Software developers                             | 15-1252 |
| 1022 | Software quality assurance analysts and testers | 15-1253 |
| 1031 | Web developers                                  | 15-1254 |
| 1032 | Web or digital interface designers              | 15-1255 |
| 1050 | Computer support specialists                    | 15-1230 |
| 1065 | Database administrators and architects          | 15-124X |
| 1105 | Network and computer systems administrators     | 15-1244 |
| 1106 | Computer network architects                     | 15-1241 |
| 1108 | Computer occupations, all other                 | 15-1199 |
| 1200 | Actuaries                                       | 15-2011 |
| 1220 | Operations research analysts                    | 15-2031 |
| 1240 | Other mathematical science occupations          | 15-20XX |

**Architecture and Engineering Occupations**

|      |   |         |
|------|---|---------|
| 1300 | Architects, except landscape and naval                              | 17-1011 |
| 1306 | Landscape architects  | 17-1012 |
| 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 |
| 1520 | Petroleum engineers   | 17-2171 |
| 1530 | Engineers, all other  | 17-2199 |
| 1541 | Architectural and civil drafters                                    | 17-3011 |
| 1545 | Other drafters  | 17-301X |
| 1551 | Electrical and electronic engineering technologists and technicians | 17-3023 |
| 1555 | Other engineering technologists and technicians, except drafters    | 17-302X |
| 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                                      | 19-4010 |
| 1910 | Biological technicians   | 19-4021 |
| 1920 | Chemical technicians   | 19-4031 |
| 1935 | Geoscience and environmental science technicians                               | 19-4040 |
| 1970 | Other life, physical, and social science technicians                           | 19-40XX |
| 1980 | Occupational health and safety specialists and technicians                     | 19-5010 |

**Education, Legal, Community Service, Arts, and Media Occupations**

**Community and Social Services Occupations**

|      |   |         |
|------|---|---------|
| 2001 | Substance abuse and behavioral disorder counselors        | 21-1011 |
| 2002 | Educational, guidance, and career counselors and advisors | 21-1012 |
| 2003 | Marriage and family therapists                            | 21-1013 |
| 2004 | Mental health counselors                                  | 21-1014 |
| 2005 | Rehabilitation counselors                                 | 21-1015 |
| 2006 | Counselors, all other                                     | 21-1019 |
| 2011 | Child, family, and school social workers                  | 21-1021 |
| 2012 | Healthcare social workers                                 | 21-1022 |
| 2013 | Mental health and substance abuse social workers          | 21-1023 |
| 2014 | Social workers, all other                                 | 21-1029 |
| 2015 | Probation officers and correctional treatment specialists | 21-1092 |
| 2016 | Social and human service assistants                       | 21-1093 |
| 2025 | Other community and social service specialists            | 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                                     | 23-1011 |
| 2105 | Judicial law clerks                         | 23-1012 |
| 2145 | Paralegals and legal assistants             | 23-2011 |
| 2170 | Title examiners, abstractors, and searchers | 23-2093 |
| 2180 | Legal support workers, all other            | 23-2099 |

**Educaation Instruction, and Library Occupations**

|      |   |         |
|------|---|---------|
| 2205 | Postsecondary teachers                            | 25-1000 |
| 2300 | Preschool and kindergarten teachers               | 25-2010 |
| 2310 | Elementary and middle school teachers             | 25-2020 |
| 2320 | Secondary school teachers                         | 25-2030 |
| 2330 | Special education teachers                        | 25-2050 |
| 2340 | Tutors  | 25-3041 |
| 2360 | Other teachers and instructors                    | 25-30XX |
| 2400 | Archivists, curators, and museum technicians      | 25-4010 |
| 2435 | Librarians and media collections specialists      | 25-4022 |
| 2440 | Library technicians                               | 25-4031 |
| 2545 | Teacher assistants                                | 25-9040 |
| 2555 | Other educational instruction and library workers | 25-90XX |

**Arts, Design, Entertainment, Sports, and Media Occupations**

|      |  |         |
|------|--|---------|
| 2600 | Artists and related workers  | 27-1010 |
| 2631 | Commercial and industrial designers                                | 27-1021 |
| 2632 | Fashion designers  | 27-1022 |
| 2633 | Floral designers   | 27-1023 |
| 2634 | Graphic designers  | 27-1024 |
| 2635 | Interior designers   | 27-1025 |
| 2636 | Merchandise displayers and window trimmers                         | 27-1026 |
| 2640 | Other designers  | 27-10XX |
| 2700 | Actors   | 27-2011 |
| 2710 | Producers and directors  | 27-2012 |
| 2721 | Athletes and sports competitors                                    | 27-2021 |
| 2722 | Coaches and scouts   | 27-2022 |
| 2723 | Umpires, referees, and other sports officials                      | 27-2023 |
| 2740 | Dancers and choreographers   | 27-2030 |
| 2751 | Music directors and composers                                      | 27-2041 |
| 2752 | Musicians and singers  | 27-2042 |
| 2755 | Disc jockeys, except radio disc jockeys                            | 27-2091 |
| 2770 | Entertainers and performers, sports and related workers, all other | 27-2099 |
| 2805 | Broadcast announcers and radio disc jockeys                        | 27-3011 |
| 2810 | News analysts, reporters, and journalists                          | 27-3023 |
| 2825 | Public relations specialists                                       | 27-3031 |
| 2830 | Editors  | 27-3041 |
| 2840 | Technical writers  | 27-3042 |
| 2850 | Writers and authors  | 27-3043 |
| 2861 | Interpreters and translators                                       | 27-3091 |
| 2862 | Court reporters and simultaneous captioners                        | 27-3092 |
| 2865 | Media and communication workers, all other                         | 27-3099 |
| 2905 | Broadcast, sound, and lighting technicians                         | 27-4010 |
| 2910 | Photographers  | 27-4021 |
| 2920 | Television, video, and film camera operators and editors           | 27-4030 |
| 2970 | Media and communication equipment workers, all other               | 27-4099 |

**Healthcare Practitioners and Technical Occupations**

|      |                              |         |
|------|------------------------------|---------|
| 3000 | Chiropractors                | 29-1011 |
| 3010 | Dentists                     | 29-1020 |
| 3030 | Dietitians and nutritionists | 29-1031 |
| 3040 | Optometrists                 | 29-1041 |
| 3050 | Pharmacists                  | 29-1051 |
| 3090 | Other physicians             | 29-12XX |
| 3100 | Surgeons                     | 29-1240 |
| 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 |

| <b>2018<br/>CENSUS<br/>CODE</b> | <b>DESCRIPTION</b>   | <b>2018 SOC<br/>CODE</b> |
|---------------------------------|--|--------------------------|
|                                 |  | 29-1127                  |
| 3230                            | Speech-language pathologists                               |                          |
| 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 practitioners  | 29-1171                  |
| 3261                            | Acupuncturists   | 29-1291                  |
| 3270                            | Healthcare diagnosing or treating practitioners, all other | 29-1299                  |
| 3300                            | Clinical laboratory technologists and technicians          | 29-2010                  |
| 3310                            | Dental hygienists  | 29-1292                  |
| 3321                            | Cardiovascular technologists and technicians               | 29-2031                  |
| 3322                            | Diagnostic medical sonographers                            | 29-2032                  |
| 3323                            | Radiologic technologists and technicians                   | 29-2034                  |
| 3324                            | Magnetic resonance imaging technologists                   | 29-2035                  |
| 3330                            | Nuclear medicine technologists and medical dosimetrists    | 29-203X                  |
| 3401                            | Emergency medical technicians                              | 29-2042                  |
| 3402                            | Paramedics   | 29-2043                  |
| 3421                            | Pharmacy technicians                                       | 29-2052                  |
| 3422                            | Psychiatric technicians                                    | 29-2053                  |
| 3423                            | Surgical technologists                                     | 29-2055                  |
| 3424                            | Veterinary technologists and technicians                   | 29-2058                  |
| 3430                            | Dietetic technicians and ophthalmic medical technicians    | 29-205X                  |
| 3500                            | Licensed practical and licensed vocational nurses          | 29-2061                  |
| 3515                            | Medical records specialists                                | 29-2072                  |
| 3520                            | Opticians, dispensing                                      | 29-2081                  |
| 3545                            | Miscellaneous health technologists and technicians         | 29-2090                  |
| 3550                            | Other healthcare practitioners and technical occupations   | 29-9000                  |

**Service Occupations**

**Healthcare Support Occupations**

|      |  |         |
|------|--|---------|
| 3601 | Home health aides                                      | 31-1121 |
| 3602 | Personal care aides                                    | 31-1122 |
| 3603 | Nursing assistants                                     | 31-1131 |
| 3605 | Orderlies and psychiatric aides                        | 31-113X |
| 3610 | Occupational therapist assistants and aides            | 31-2010 |
| 3620 | Physical therapist assistants and aides                | 31-2020 |
| 3630 | Massage therapists                                     | 31-9011 |
| 3640 | Dental assistants                                      | 31-9091 |
| 3645 | Medical assistants                                     | 31-9092 |
| 3646 | Medical transcriptionists                              | 31-9094 |
| 3647 | Pharmacy aides   | 31-9095 |
| 3648 | Veterinary assistants and laboratory animal caretakers | 31-9096 |
| 3649 | Phlebotomists  | 31-9097 |
| 3655 | Other healthcare support workers                       | 31-909X |

**Protective Service Occupations**

|      |   |         |
|------|---|---------|
| 3700 | First-line supervisors of correctional officers                 | 33-1011 |
| 3710 | First-line supervisors of police and detectives                 | 33-1012 |
| 3720 | First-line supervisors of firefighting and prevention workers   | 33-1021 |
| 3725 | First-line supervisors of security workers                      | 33-1091 |
| 3735 | First-line supervisors of protective service workers, all other | 33-1099 |
| 3740 | Firefighters  | 33-2011 |
| 3750 | Fire inspectors   | 33-2020 |
| 3801 | Bailiffs  | 33-3011 |
| 3802 | Correctional officers and jailers                               | 33-3012 |
| 3820 | Detectives and criminal investigators                           | 33-3021 |
| 3840 | Parking enforcement workers                                     | 33-3041 |
| 3870 | 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 and flaggers                                    | 33-9091 |
| 3945 | Transportation security screeners                               | 33-9093 |
| 3946 | School bus monitors   | 33-9094 |
| 3960 | Other protective service workers                                | 33-909X |

**Food Preparation and Serving Related Occupations**

|      |  |         |
|------|--|---------|
| 4000 | Chefs and head cooks   | 35-1011 |
| 4010 | First-line supervisors of food preparation and serving workers | 35-1012 |
| 4020 | Cooks  | 35-2010 |
| 4030 | Food preparation workers                                       | 35-2021 |
| 4040 | Bartenders   | 35-3011 |
| 4055 | Fast food and counter workers                                  | 35-3023 |

| 2018<br>CENSUS<br>CODE | DESCRIPTION  | 2018 SOC<br>CODE |
|------------------------|--|------------------|
| 4110                   | Waiters and waitresses                                     | 35-3031          |
| 4120                   | Food servers, non-restaurant                               | 35-3041          |
| 4130                   | Dining room and cafeteria attendants and bartender helpers | 35-9011          |
| 4140                   | Dishwashers  | 35-9021          |
| 4150                   | Hosts and hostesses, restaurant, lounge, and coffee shop   | 35-9031          |
| 4160                   | Food preparation and serving related workers, all other    | 35-9099          |

### **Building and Grounds Cleaning and Maintenance Occupations**

|      |  |         |
|------|--|---------|
| 4200 | First-line supervisors of housekeeping and janitorial workers                    | 37-1011 |
| 4210 | First-line supervisors of landscaping, lawn service, and grounds keeping workers | 37-1012 |
| 4220 | Janitors and building cleaners   | 31-201X |
| 4230 | Maids and housekeeping cleaners  | 37-2012 |
| 4240 | Pest control workers   | 37-2021 |
| 4251 | Landscaping and grounds keeping workers  | 37-3011 |
| 4252 | Tree trimmers and pruners  | 37-3013 |
| 4255 | Other grounds maintenance workers  | 37-301X |

### **Personal Care and Service Occupations**

|      |   |         |
|------|---|---------|
| 4330 | Supervisors of personal care and service workers      | 39-1010 |
| 4340 | Animal trainers                                       | 39-2011 |
| 4350 | Animal caretakers                                     | 39-2021 |
| 4400 | Gaming services workers                               | 39-3010 |
| 4420 | Ushers, lobby attendants, and ticket takers           | 39-3031 |
| 4435 | Other entertainment attendants and related workers    | 39-30XX |
| 4461 | Embalmers, crematory operators and funeral attendants | 39-40XX |
| 4465 | Morticians, undertakers, and funeral arrangers        | 39-4031 |
| 4500 | Barbers   | 39-5011 |
| 4510 | Hairdressers, hairstylists, and cosmetologists        | 39-5012 |
| 4521 | Manicurists and pedicurists                           | 39-5092 |
| 4522 | Skincare specialists                                  | 39-5094 |
| 4523 | Other personal appearance workers                     | 39-509X |
| 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 |
| 4621 | Exercise trainers and group fitness instructors       | 39-9031 |
| 4622 | Recreation workers                                    | 39-9032 |
| 4640 | Residential advisors                                  | 39-9041 |
| 4655 | Personal care and service workers, all other          | 39-9099 |

**Sales and Office Occupations****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 of services, except advertising, insurance, travel, and financial services | 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 of office and administrative support workers | 43-1011 |
| 5010 | Switchboard operators, including answering service                  | 43-2011 |
| 5020 | Telephone operators   | 43-2021 |
| 5040 | Communications equipment operators, all other                       | 43-2099 |
| 5100 | Bill and account collectors   | 43-3011 |
| 5110 | Billing and posting clerks and machine operators                    | 43-3021 |
| 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 |
| 5220 | Court, municipal, and license clerks                                | 43-4031 |
| 5230 | Credit authorizers, checkers, and clerks                            | 43-4041 |
| 5240 | Customer service representatives                                    | 43-4051 |
| 5250 | Eligibility interviewers, government programs                       | 43-4061 |
| 5260 | File Clerks   | 43-4071 |
| 5300 | Hotel, motel, and resort desk clerks                                | 43-4081 |
| 5310 | Interviewers, except eligibility and loan                           | 43-4111 |
| 5320 | Library assistants, clerical  | 43-4121 |
| 5330 | Loan interviewers and clerks  | 43-4131 |
| 5340 | New accounts clerks   | 43-4141 |
| 5350 | Order clerks  | 43-4151 |
| 5360 | Human resources assistants, except payroll and timekeeping          | 43-4161 |
| 5400 | Receptionists and information clerks                                | 43-4171 |



**2018  
CENSUS  
CODE****DESCRIPTION****2018 SOC  
CODE**

|      |   |         |
|------|---|---------|
| 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 |
| 5521 | Public safety telecommunicators   | 43-5031 |
| 5522 | Dispatchers, except police, fire, and ambulance                                 | 43-5032 |
| 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 inventory clerks                                       | 43-5071 |
| 5630 | Weighers, measurers, checkers, and samplers, recordkeeping                      | 43-5111 |
| 5710 | Executive secretaries and executive administrative assistants                   | 43-6011 |
| 5720 | Legal secretaries and administrative assistants                                 | 43-6012 |
| 5730 | Medical secretaries and administrative assistants                               | 43-6013 |
| 5740 | Secretaries and administrative assistants, except legal, medical, and executive | 43-6014 |
| 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         | 43-9199 |

**Natural Resources, Construction, and Maintenance Occupations****Farming, Fishing, and Forestry Occupations**

|      |  |         |
|------|--|---------|
| 6005 | First-line supervisors of farming, fishing, and forestry workers | 45-1011 |
| 6010 | Agricultural inspectors  | 45-2011 |
| 6020 | Animal breeders  | 45-2021 |
| 6040 | Graders and sorters, agricultural products                       | 45-2041 |
| 6050 | Miscellaneous agricultural workers                               | 45-2090 |
| 6115 | Fishing and hunting workers                                      | 45-3031 |
| 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 |
| 6305 | Construction equipment operators  | 47-2070 |
| 6330 | Drywall installers, ceiling tile installers, and tapers                           | 47-2080 |
| 6355 | Electricians  | 47-2111 |
| 6360 | Glaziers  | 47-2121 |
| 6400 | Insulation workers  | 47-2130 |
| 6410 | Painters and paperhangers   | 47-2140 |
| 6441 | Pipelayers  | 47-2151 |
| 6442 | Plumbers, pipefitters, and steamfitters   | 47-2152 |
| 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 |
| 6765 | Miscellaneous construction and related workers, including photovoltaic installers | 47-4090 |
| 6800 | Derrick, rotary drill, and service unit operators, oil and gas                    | 47-5010 |
| 6825 | Earth drillers, except oil and gas  | 47-5023 |
| 6835 | Explosives workers, ordnance handling experts, and blasters                       | 47-5032 |
| 6850 | Underground mining machine operators  | 47-5040 |
| 6950 | Other extraction workers  | 47-50XX |

**Installation, Maintenance, and Repair Workers**

|      |   |         |
|------|---|---------|
| 7000 | First-line supervisors 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, industrial and utility                    | 49-209X |
| 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 |
| 7560 | Riggers   | 49-9096 |
| 7610 | Helpers--installation, maintenance, and repair workers                          | 49-9098 |
| 7640 | Other installation, maintenance, and repair workers                             | 49-909X |

**Production, Transportation, and Material Moving Occupations****Production Occupation**

|      |   |         |
|------|---|---------|
| 7700 | First-line supervisors of production and operating workers  | 51-1011 |
| 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 | Other assemblers and fabricators  | 51-20XX |
| 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 |
| 7905 | Computer numerically controlled tool programmers and operators  | 51-9160 |
| 7925 | Forming machine setters, operators, and tenders, metal and plastic  | 51-4020 |
| 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 |
| 8025 | Other machine tool setters, operators, and tenders, metal and plastic                                     | 51-403X |
| 8030 | Machinists  | 51-4041 |
| 8040 | Metal furnace and kiln operators and tenders  | 51-4050 |
| 8060 | Model makers and patternmakers, metal and plastic   | 51-4060 |
| 8100 | Molders and molding machine setters, operators, and tenders, metal and plastic                            | 51-4070 |
| 8130 | Tool and die makers   | 51-4111 |
| 8140 | Welding, soldering, and brazing workers   | 51-4120 |
| 8225 | Other metal workers and plastic workers   | 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 |
| 8335 | Shoe and leather workers  | 51-6040 |
| 8350 | Tailors, dressmakers, and sewers  | 51-6050 |
| 8365 | Textile machine setters, operators, and tenders   | 51-6060 |
| 8450 | Upholsterers  | 51-6093 |
| 8465 | Other textile, apparel, and furnishings workers   | 51-609X |
| 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 |
| 8555 | Other woodworkers   | 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 |

| 2018<br>CENSUS<br>CODE | DESCRIPTION  | 2018 SOC<br>CODE |
|------------------------|--|------------------|
| 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                   | Dental and ophthalmic laboratory technicians and medical appliance technicians       | 51-9080          |
| 8800                   | Packaging and filling machine operators and tenders                                  | 51-9111          |
| 8810                   | Painting workers   | 51-9120          |
| 8830                   | Photographic process workers and processing machine operators                        | 51-9130          |
| 8850                   | Adhesive bonding machine operators and tenders                                       | 51-9191          |
| 8865                   | Other production equipment operators and tenders                                     | 51-919X          |
| 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          |
| 8990                   | Other production workers   | 51-91XX          |

### Transportation and Material Moving Occupations

#### Transportation Occupations:

|      |  |         |
|------|--|---------|
| 9005 | Supervisors of 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 |
| 9121 | Bus drivers, school  | 53-3051 |
| 9122 | Bus drivers, transit and intercity                                     | 53-3052 |
| 9130 | Driver/sales workers and truck drivers                                 | 53-3030 |
| 9141 | Shuttle drivers and chauffeurs   | 53-3053 |
| 9142 | Taxi drivers   | 53-3054 |
| 9150 | Motor vehicle operators, all other                                     | 53-3099 |
| 9210 | Locomotive engineers and operators                                     | 53-4010 |
| 9240 | Railroad conductors and yardmasters                                    | 53-4031 |
| 9265 | Other rail transportation workers                                      | 53-30XX |
| 9300 | Sailors and marine oilers  | 53-5011 |
| 9310 | Ship and boat captains and operators                                   | 53-5020 |
| 9350 | Parking attendants   | 53-6021 |
| 9365 | Transportation service attendants                                      | 53-6030 |
| 9410 | Transportation inspectors  | 53-6051 |
| 9415 | Passenger attendants   | 53-6061 |
| 9430 | Other transportation workers   | 53-60XX |

**Material Moving Occupations**

|      |  |         |
|------|--|---------|
| 9510 | Crane and tower operators                              | 53-7021 |
| 9570 | Conveyor, dredge, and hoist and winch operators        | 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 |
| 9645 | Stockers and order fillers                             | 53-7065 |
| 9650 | Pumping station operators                              | 53-7070 |
| 9720 | Refuse and recyclable material collectors              | 53-7081 |
| 9760 | Other material moving workers                          | 53-71XX |

**Military Specific Occupations**

|      |                      |  |
|------|----------------------|--|
| 9840 | Military Occupations |  |
|------|----------------------|--|

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 245-246.

| CODE | CODE DESCRIPTION   | OCCUPATION CODE |
|------|--|-----------------|
| 1    | Management occupations                                     | 0010-0440       |
| 2    | Business and financial operations occupations              | 0500-0960       |
| 3    | Computer and mathematical science occupations              | 1005-1240       |
| 4    | Architecture and engineering occupations                   | 1305-1560       |
| 5    | Life, physical, and social science occupations             | 1600-1980       |
| 6    | Community and social service occupation                    | 2001-2060       |
| 7    | Legal occupations  | 2100-2180       |
| 8    | Education, training, and library occupations               | 2205-2550       |
| 9    | Arts, design, entertainment, sports, and media occupations | 2600-2970       |
| 10   | Healthcare practitioner and technical occupations          | 3000-3550       |
| 11   | Healthcare support occupations                             | 3600-3655       |
| 12   | Protective service occupations                             | 3700-3960       |
| 13   | Food preparation and serving related occupations           | 4000-4160       |
| 14   | Building and grounds cleaning and maintenance occupations  | 4200-4255       |
| 15   | Personal care and service occupations                      | 4300-4655       |
| 16   | Sales and related occupations                              | 4700-4965       |
| 17   | Office and administrative support occupations              | 5000-5940       |
| 18   | Farming, fishing, and forestry occupations                 | 6005-6130       |
| 19   | Construction and extraction occupations                    | 6200-6950       |
| 20   | Installation, maintenance, and repair occupations          | 7000-7640       |
| 21   | Production occupations                                     | 7700-8990       |
| 22   | Transportation and material moving occupations             | 9005-9760       |
| 23   | Armed Forces   | 9840            |

Major Occupation Group Recodes  
(01-11)

These codes correspond to Items PRMJJOCC1 and PRMJJOCC2 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.

| <b>CODE</b> | <b>CODE DESCRIPTION</b>                           | <b>OCCUPATION CODE</b> |
|-------------|---|------------------------|
| 1           | Management, business, and financial occupations   | 0010-0960              |
| 2           | Professional and related occupations              | 1005-3550              |
| 3           | Service occupations                               | 3601-4655              |
| 4           | Sales and related occupations                     | 4700-4965              |
| 5           | Office and administrative support occupations     | 5000-5940              |
| 6           | Farming, fishing, and forestry occupations        | 6005-6130              |
| 7           | Construction and extraction occupations           | 6200-6950              |
| 8           | Installation, maintenance, and repair occupations | 7000-7640              |
| 9           | Production occupations                            | 7700-8990              |
| 10          | Transportation and material moving occupations    | 9005-9760              |
| 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.

| <u>FIPS Code</u> | <u>Metropolitan (CBSA) TITLE</u>      |
|------------------|---------------------------------------|
| 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<br>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<br>Component Parts (CBSA's)  |
|----------|---|--|
| 104      | 10580<br>24020                            | Albany-Schenectady, NY<br>Albany-Schenectady-Troy, NY<br>Glen Falls, NY  |
| 106      | 10740<br>42140                            | Albuquerque-Santa Fe-Las Vegas, NM<br>Albuquerque, NM<br>Santa Fe, NM  |
| 118      | 11540<br>36780                            | Appleton-Oshkosh-Neenah, WI<br>Appleton, WI<br>Oshkosh-Neenah, WI  |
| 122      | 12020<br>12060<br>23580                   | Atlanta--Athens-Clarke County—Sandy Springs, GA<br>Athens-Clarke County, GA<br>Atlanta-Sandy Springs-Roswell, GA<br>Gainesville, GA  |
| 148      | 12700<br>14460<br>31700<br>39300<br>49340 | Boston-Worcester-Providence, MA-RI-NH-CT<br>Barnstable Town, MA<br>Boston-Cambridge-Newton-MA-NH<br>Manchester-Nashua, NH<br>Providence-Warwick, RI-MA<br>Worcester, MA-CT |
| 162      | 15980<br>34940                            | Cape Coral-Fort Myers-Naples, FL<br>Cape Coral, FL<br>Naples-Immokalee-Marco Island, FL  |

| CSA Code | CBSA Code                        | CSA Title<br>Component Parts (CBSA's)   |
|----------|----------------------------------|---|
| 168      | 16300<br>26980                   | Cedar Rapids-Iowa City, IA<br>Cedar Rapids, IA<br>Iowa City, IA   |
| 170      | 16620<br>26580                   | Charleston-Huntington-Ashland, WV-OH-KY<br>Charleston, WV<br>Huntington-Ashland, WV-KY-OH               |
| 174      | 16860<br>17420                   | Chattanooga-Cleveland-Dalton, TN-GA<br>Chattanooga, TN-GA<br>Cleveland, TN                              |
| 184      | 10420<br>15940<br>17460          | Cleveland-Akron-Canton, OH (part)<br>Akron, OH<br>Canton-Massillon, OH<br>Cleveland-Elyria-Mentor, OH   |
| 194      | 12220<br>17980                   | Columbus-Auburn-Opelika, GA-AL<br>Auburn-Opelika, AL<br>Columbus, GA                                    |
| 206      | 19100<br>43300                   | Dallas-Fort Worth, TX-OK<br>Dallas-Fort Worth-Arlington, TX<br>Sherman-Dennison, TX                     |
| 216      | 14500<br>19740<br>24540          | Denver-Aurora, CO<br>Boulder, CO<br>Denver-Aurora-Lakewood, CO<br>Greeley, CO                           |
| 220      | 11460<br>19820<br>22420<br>33780 | Detroit-Warren-Ann Arbor, MI<br>Ann Arbor, MI<br>Detroit-Warren-Dearborn, MI<br>Flint, MI<br>Monroe, MI |

| CSA Code | CBSA Code               | CSA Title<br>Component Parts (CBSA's)   |
|----------|-------------------------|---|
| 238      | 21340<br>29740          | El Paso-Las Cruces, TX-NM<br>El Paso, TX<br>Las Cruces, NM  |
| 266      | 24340<br>26100<br>34740 | Grand Rapids-Wyoming-Muskegon, MI<br>Grand Rapids-Wyoming, MI<br>Holland-Grand Haven, MI*<br>Muskegon-Norton Shores, MI |
| 268      | 15500<br>24660<br>49180 | Greensboro--Winston-Salem--High Point, NC<br>Burlington, NC<br>Greensboro-High Point, NC<br>Winston-Salem, NC           |
| 273      | 24860<br>43900          | Greenville-Spartanburg-Anderson, SC<br>Greenville-Anderson-Mauldin, SC<br>Spartanburg, SC                               |
| 276      | 25420<br>49620          | Harrisburg-York-Lebanon, PA<br>Harrisburg-Carlisle, PA<br>York-Hanover, PA  |
| 278      | 25540<br>35980          | Hartford-West Hartford, CT<br>Hartford-West Hartford-East Hartford, CT<br>Norwich-New London, CT                        |
| 304      | 27740<br>28700          | Johnson City-Kingsport-Bristol, TN-VA (part)<br>Johnson City, TN<br>Kingsport-Bristol, TN-VA                            |
| 310      | 12980<br>28020          | Kalamazoo-Battle Creek-Portage, MI<br>Battle Creek, MI<br>Kalamazoo-Portage, MI   |
| 340      | 30780<br>38220          | Little Rock-North Little Rock, AR<br>Little Rock-North Little Rock-Conway, AR<br>Pine Bluff, AR                         |

| CSA Code | CBSA Code  | CSA Title<br>Component Parts (CBSA's)  |
|----------|--|--|
| 348      | 31100<br>37100<br>40140                            | Los Angeles-Long Beach-Riverside, CA<br>Los Angeles-Long Beach-Santa Ana, CA<br>Oxnard-Thousand Oaks-Ventura, CA<br>Riverside-San Bernardino-Ontario, CA   |
| 356      | 31420<br>47580                                     | Macon-Warner Robins-Fort Valley, GA<br>Macon, GA<br>Warner Robins, GA  |
| 357      | 27500<br>31540                                     | Madison-Janesville-Beloit, WI<br>Janesville-Beloit, WI<br>Madison, WI  |
| 370      | 33100<br>38940                                     | Miami-Fort Lauderdale-Port St. Lucie, FL<br>Miami-Fort Lauderdale-West Palm Beach, FL<br>Port St. Lucie-Fort Pierce, FL  |
| 376      | 33340<br>39540                                     | Milwaukee-Racine-Waukesha, WI<br>Milwaukee-Waukesha-West Allis, WI<br>Racine, WI   |
| 380      | 19300<br>33660                                     | Mobile-Daphne-Fairhope, AL<br>Daphne-Fairhope, AL<br>Mobile, AL  |
| 408      | 10900<br>14860<br>20700<br>35300<br>35620<br>45940 | New York-Newark-Bridgeport, NY-NJ-CT-PA<br>Allentown-Bethlehem-Easton, PA-NJ<br>Bridgeport-Stamford-Norwalk, CT<br>East Stroudsburg, PA<br>New Haven-Milford, CT<br>New York-Newark-Jersey City, NY-NJ-PA<br>Trenton, NJ |
| 422      | 19660<br>36740                                     | Orlando-Deltona-Daytona Beach, FL<br>Deltona-Daytona Beach-Ormond Beach, FL<br>Orlando-Kissimmee-Sanford, FL   |

| CSA Code | CBSA Code | CSA Title<br>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<br>Component Parts (CBSA's)   |
|----------|--|---|
| 515      | 21140<br>35660<br>43780                            | South Bend-Elkhart-Mishawaka, IN-MI<br>Elkhart-Goshen, IN<br>Niles-Benton Harbor, MI<br>South Bend-Mishawaka, IN-MI   |
| 518      | 17660<br>44060                                     | Spokane-Spokane Valley-Coeur d'Alene, WA-ID<br>Coeur d'Alene, ID<br>Spokane-Spokane Valley, WA  |
| 546      | 25260<br>47300                                     | Visalia-Porterville-Hanford, CA<br>Hanford-Corcoran, CA<br>Visalia-Porterville, CA  |
| 548      | 12580<br>15680<br>16540<br>25180<br>47900<br>49020 | Washington-Baltimore-Arlington, DC-MD-VA-WV-PA<br>Baltimore-Columbia-Towson, MD<br>California-Lexington Park, MD<br>Chambersburg-Waynesboro, PA<br>Hagerstown-Martinsburg, MD-WV<br>Washington-Arlington-Alexandria, DC-VA-MD-WV<br>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<br>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<br>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<br>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        |
| 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<br>City   | GTINDVPC    |
|-----------|---|-------------|
| 26900     | Indianapolis-Carmel-Anderson. IN<br>Indianapolis  | 1           |
| 28140     | Kansas City, MO-KS<br>Kansas portion<br>Kansas City<br>Overland Park<br>Missouri portion<br>Kansas City | 1<br>2<br>1 |
| 35380     | New Orleans-Metairie, LA<br>New Orleans<br>Metairie   | 1<br>2      |
| 12580     | Baltimore-Columbia-Towson. MD<br>Baltimore  | 1           |
| 14460     | Boston-Cambridge-Newton, MA-NH<br>Massachusetts portion<br>Boston<br>Cambridge                          | 1<br>2      |
| 19820     | Detroit-Warren-Dearborn, MI<br>Wayne County<br>Detroit<br>Macomb County<br>Warren                       | 1<br>1      |
| 33460     | Minneapolis-St. Paul-Bloomington, MN-WI<br>Minneapolis<br>St. Paul                                      | 1<br>2      |
| 29820     | Las Vegas-Henderson--Paradise, NV<br>Las Vegas<br>Paradise<br>Henderson                                 | 1<br>2<br>3 |

| CBSA Code | Title<br>City   | GTINDVPC                       |
|-----------|---|--------------------------------|
| 35620     | New York-Newark- Jersey City, NY-NJ-PA<br>New Jersey portion<br>Newark<br>Jersey City<br>New York portion<br>New York | <br><br>1<br>2<br><br>1        |
| 15380     | Buffalo-Cheektowaga-Niagara Falls, NY<br>Buffalo  | <br>1                          |
| 16740     | Charlotte -Concord-Gastonia, NC-SC<br>Charlotte   | <br>1                          |
| 38900     | Portland-Vancouver-Hillsboro, OR-WA<br>Portland   | <br>1                          |
| 34980     | Nashville-Davidson—Murfreesboro—Franklin, TN<br>Nashville-Davidson  | <br>1                          |
| 19100     | Dallas-Fort Worth-Arlington, TX<br>Dallas<br>Fort Worth<br>Carrollton<br>Plano<br>Irving<br>Arlington                 | <br>1<br>2<br>3<br>4<br>5<br>6 |
| 26420     | Houston-The Woodlands-Sugar Land, TX<br>Houston   | <br>1                          |
| 32580     | McAllen-Edinburg-Mission, TX<br>McAllen   | <br>1                          |
| 47260     | Virginia Beach-Norfolk-Newport News, VA-NC<br>Virginia portion<br>Virginia Beach<br>Norfolk<br>Newport News           | <br><br>1<br>2<br>3            |

| CBSA<br>Code | Title<br>City  | GTINDVPC         |
|--------------|--|------------------|
| 47900        | Washington-Arlington-Alexandria, DC-VA-MD-WV<br>Virginia portion only<br>Arlington | 2                |
| 42660        | Seattle-Tacoma-Bellevue, WA<br>Seattle<br>Tacoma<br>Bellevue<br>Everett            | 1<br>2<br>3<br>4 |
| 33340        | Milwaukee-Waukesha-West Allis, WI<br>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<br>County<br>Code | County<br>Name  | State |
|------------------------|-----------------|-------|
| <b>Alabama</b>         |                 |       |
| 003                    | Baldwin         |       |
| 081                    | Lee             |       |
| 097                    | Mobile          |       |
| <b>Arizona</b>         |                 |       |
| 013                    | Maricopa        |       |
| 019                    | Pima            |       |
| 021                    | Pinal           |       |
| 025                    | Yavapai         |       |
| 027                    | Yuma            |       |
| <b>California</b>      |                 |       |
| 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<br>County<br>Code | County<br>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<br>County<br>Code | County<br>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<br>County<br>Code | County<br>Name | State           |
|------------------------|----------------|-----------------|
|                        |                | <b>Hawaii</b>   |
| 003                    | Honolulu       |                 |
|                        |                | <b>Illinois</b> |
| 097                    | Lake           |                 |
| 111                    | McHenry        |                 |
| 119                    | Madison        |                 |
| 163                    | St. Clair      |                 |
| 179                    | Tazewell       |                 |
|                        |                | <b>Indiana</b>  |
| 019                    | Clark          |                 |
| 039                    | Elkhart        |                 |
| 063                    | Hendricks      |                 |
| 081                    | Johnson        |                 |
| 089                    | Lake           |                 |
| 105                    | Monroe         |                 |
| 141                    | St. Joseph     |                 |
| 157                    | Tippecanoe     |                 |
|                        |                | <b>Iowa</b>     |
| 103                    | Johnson        |                 |
| 113                    | Linn           |                 |
| 163                    | Scott          |                 |
|                        |                | <b>Kansas</b>   |
| 091                    | Johnson        |                 |
| 173                    | Sedgwick       |                 |
|                        |                | <b>Kentucky</b> |
| 015                    | Boone          |                 |
| 067                    | Fayette        |                 |
| 111                    | Jefferson      |                 |
| 117                    | Kenton         |                 |



| FIPS<br>County<br>Code | County<br>Name   | State |
|------------------------|------------------|-------|
| <b>Louisiana</b>       |                  |       |
| 005                    | Ascension        |       |
| 033                    | East Baton Rouge |       |
| 051                    | Jefferson        |       |
| 063                    | Livingston       |       |
| 071                    | Orleans          |       |
| 073                    | Ouachita         |       |
| 103                    | St. Tammany      |       |
| <b>Maine</b>           |                  |       |
| 001                    | Androscoggin     |       |
| 005                    | Cumberland       |       |
| 011                    | Kennebec*        |       |
| 019                    | Penobscot        |       |
| <b>Maryland</b>        |                  |       |
| 003                    | Anne Arundel     |       |
| 013                    | Carroll          |       |
| 015                    | Cecil            |       |
| 017                    | Charles          |       |
| 025                    | Harford          |       |
| 031                    | Montgomery       |       |
| 033                    | Prince Georges   |       |
| 037                    | St. Mary's       |       |
| 510                    | Baltimore City   |       |

| FIPS<br>County<br>Code | County<br>Name | State |
|------------------------|----------------|-------|
| <b>Massachusetts</b>   |                |       |
| 001                    | Barnstable     |       |
| 005                    | Bristol        |       |
| 013                    | Hampden        |       |
| 015                    | Hampshire      |       |
| 017                    | Middlesex      |       |
| 023                    | Plymouth       |       |
| 025                    | Suffolk        |       |
| 027                    | Worcester      |       |
| <b>Michigan</b>        |                |       |
| 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          |       |
| <b>Minnesota</b>       |                |       |
| 003                    | Anoka          |       |
| 123                    | Ramsey         |       |
| 139                    | Scott          |       |
| 163                    | Washington     |       |
| 171                    | Wright         |       |

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

| FIPS<br>County<br>Code | County<br>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<br>County<br>Code | County<br>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<br>County<br>Code | County<br>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<br>County<br>Code | County<br>Name      | State                |
|------------------------|---------------------|----------------------|
| 441                    | Taylor              | <b>Utah</b>          |
| 479                    | Webb                |                      |
| 485                    | Wichita             |                      |
| 053                    | Washington          | <b>Virginia</b>      |
| 013                    | Arlington           | <b>Washington</b>    |
| 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 |                      |
| 057                    | Skagit              | <b>West Virginia</b> |
| 039                    | Kanawha             | <b>Wisconsin</b>     |
| 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<br>Code | Title                  | County<br>Name | County<br>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 2020 Displaced Workers, Employee Tenure, and Occupational Mobility Supplement

NOTE: To match items below, use HRINTSTA = 1 and PRPERTYP = 2.

| <b><u>Item</u></b>                      | <b><u>Count</u></b> |
|---|---------------------|
| PESD1                                   |                     |
| 1 Yes                                   | 3814                |
| 2 No                                    | 72674               |
| PESD2                                   |                     |
| 1 Plant or company closed down or moved | 686                 |
| 2 Insufficient work                     | 764                 |
| 3 Position or shift abolished           | 616                 |
| 4 Seasonal job completed                | 182                 |
| 5 Self-operated business failed         | 48                  |
| 6 Some other reason                     | 1518                |
| PESD3                                   |                     |
| 1 2015                                  | 488                 |
| 2 2016                                  | 552                 |
| 3 2017                                  | 946                 |
| 4 Other                                 | 67                  |
| -2 Don't Know                           | 13                  |
| -3 Refused                              | 0                   |
| -9 No Response                          | 0                   |
| PESD4                                   |                     |
| 1 Yes                                   | 96                  |
| 2 No                                    | 564                 |
| -2 Don't Know                           | 7                   |
| -9 No Response                          | 1                   |

PESD5

|    |             |      |
|----|-------------|------|
| 1  | Yes         | 737  |
| 2  | No          | 1201 |
| -2 | Don't Know  | 55   |
| -3 | Refused     | 3    |
| -9 | No Response | 3    |

| <u>Item</u> |  | <u>Count</u> |
|-------------|--|--------------|
| PESD6       |  |              |
| 1           | Less than 1 month  | 226          |
| 2           | 1 to 2 months  | 242          |
| 3           | More than 2 months   | 236          |
| -2          | Don't Know   | 32           |
| -3          | Refused  | 0            |
| -9          | No Response  | 1            |
| PESD16      |  |              |
| 1           | Yes  | 123          |
| 2           | No   | 1760         |
| -2          | Don't Know   | 25           |
| -3          | Refused  | 12           |
| -9          | No Response  | 15           |
| PESD17      |  |              |
| 1           | Yes  | 915          |
| 2           | No   | 953          |
| -2          | Don't Know   | 33           |
| -3          | Refused  | 13           |
| -9          | No Response  | 21           |
| PESD19      |  |              |
| 1           | Yes  | 1507         |
| 2           | No   | 268          |
| -4          | Hours Varied   | 107          |
| -2          | Don't Know   | 18           |
| -3          | Refused  | 12           |
| -9          | No Response  | 23           |
| PRDISPWK    |  |              |
| 0           | Eligible for Displaced Worker Supplement, but not a Displaced Worker | 74638        |
| 1           | Displaced Worker   | 1850         |

NOTE: To match items below, use HRINTSTA = 1 and PRPERTYP = 2 and PEMLR = 1,2

| <b><u>Item</u></b> | <b><u>Count</u></b> |
|--------------------|---------------------|
| PTST1A             |                     |
| Amount             | 46,610              |
| PEST1B             |                     |
| 1    Days          | 120                 |
| 2    Weeks         | 702                 |
| 3    Months        | 9473                |
| 4    Years         | 36315               |

## 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  |

| <b>Code</b> | <b>Name</b>                    | <b>Code</b> | <b>Name</b>                  |
|-------------|--------------------------------|-------------|------------------------------|
| 246         | Uzbekistan                     | 373         | Venezuela                    |
| 247         | Vietnam                        | 374         | South America, not specified |
| 248         | Yemen                          | 399         | Americas, not specified      |
| 249         | Asia, not specified            | 400         | Algeria                      |
| 300         | Bermuda                        | 407         | Cameroon                     |
| 301         | Canada                         | 408         | Cape Verde                   |
| 303         | Mexico                         | 412         | Congo                        |
| 310         | Belize                         | 414         | Egypt                        |
| 311         | Costa Rica                     | 416         | Ethiopia                     |
| 312         | El Salvador                    | 417         | Eritrea                      |
| 313         | Guatemala                      | 421         | Ghana                        |
| 314         | Honduras                       | 423         | Guinea                       |
| 315         | Nicaragua                      | 425         | Ivory Coast                  |
| 316         | Panama                         | 427         | Kenya                        |
| 321         | Antigua and Barbuda            | 429         | Liberia                      |
| 323         | Bahamas                        | 430         | Libya                        |
| 324         | Barbados                       | 436         | Morocco                      |
| 327         | Cuba                           | 440         | Nigeria                      |
| 328         | Dominica                       | 444         | Senegal                      |
| 329         | Dominican Republic             | 447         | Sierra Leone                 |
| 330         | Grenada                        | 448         | Somalia                      |
| 332         | Haiti                          | 449         | South Africa                 |
| 333         | Jamaica                        | 451         | Sudan                        |
| 338         | St. Kitts--Nevis               | 453         | Tanzania                     |
| 339         | St. Lucia                      | 454         | Togo                         |
| 340         | St. Vincent and the Grenadines | 457         | Uganda                       |
| 341         | Trinidad and Tobago            | 459         | Zaire                        |
| 343         | West Indies, not specified     | 460         | Zambia                       |
| 360         | Argentina                      | 461         | Zimbabwe                     |
| 361         | Bolivia                        | 462         | Africa, not specified        |
| 362         | Brazil                         | 501         | Australia                    |
| 363         | Chile                          | 508         | Fiji                         |
| 364         | Columbia                       | 511         | Marshall Islands             |
| 365         | Ecuador                        | 512         | Micronesia                   |
| 368         | Guyana                         | 515         | New Zealand                  |
| 369         | Paraguay                       | 523         | Tonga                        |
| 370         | Peru                           | 527         | Samoa                        |
| 372         | Uruguay                        | 555         | Elsewhere                    |

## ATTACHMENT 15

### ALLOCATION FLAGS

#### Current Population Survey

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

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



## Attachment 16

### Source of the Data and Accuracy of the Estimates for the January 2020 Current Population Survey Microdata File on Displaced Workers, Employee Tenure, and Occupational Mobility

#### SOURCE OF THE DATA

The data in this microdata file are from the January 2020 Current Population Survey (CPS). The U.S. Census Bureau conducts the CPS every month, although this file has only January data. The January survey uses two sets of questions, the basic CPS and a set of supplemental questions. The CPS, sponsored jointly by the Census Bureau and the U.S. Bureau of Labor Statistics, is the country's primary source of labor force statistics for the civilian noninstitutionalized population. The U.S. Bureau of Labor Statistics also sponsors the supplemental questions for January.

**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 the 2010 Census). Starting in 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 older 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<sup>1</sup> reflecting changes based on the most recent decennial census. In the first stage of the sampling process, primary sampling units (PSUs)<sup>2</sup> 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 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.

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<sup>1</sup> For detailed information on the 2010 sample redesign, please see Bureau of Labor Statistics (2014).

<sup>2</sup> The PSUs correspond to substate areas (i.e., counties or groups of counties) that are geographically contiguous.

Approximately 70,000 sampled addresses were selected from the sampling frame in January. Based on eligibility criteria, nine percent of these sampled addresses were sent directly to computer-assisted telephone interviewing (CATI). The remaining sampled addresses were assigned to interviewers for computer-assisted personal interviewing (CAPI).<sup>3</sup> Of all addresses in sample, about 60,000 were determined to be eligible for interview. Interviewers obtained interviews at about 49,000 of the housing units at these addresses. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason.

**January 2020 Supplement.** In January 2020, in addition to the basic CPS questions, interviewers asked supplementary questions about displacement of workers, employee tenure, and occupational mobility. Questions concerning displaced workers were asked for persons 20 years of age and older, who lost or left a job in the last three years for selected reasons. Questions concerning job tenure and occupational mobility were asked of all employed respondents who were at least 15 years old.

**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<sup>4</sup> 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.

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<sup>3</sup> For further information on CATI and CAPI and the eligibility criteria, please see U.S. Census Bureau (2019).

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

The net international migration component of the population controls includes:

- Net international migration of the foreign born;
- Net migration between the United States and Puerto Rico;
- Net migration of natives to and from the United States; and
- Net movement of the Armed Forces population to and from the United States.

Because the latest available information on these components lags behind the survey date, it is necessary to make short-term projections of these components to develop the estimate for the survey date.

### **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. For the January 2020 basic CPS, the household-level unweighted nonresponse rate was 18.3 percent. The person-level unweighted nonresponse rate for the Displaced Workers, Employee Tenure, and Occupational Mobility supplement was an additional 9.1 percent.

Since the basic CPS nonresponse rate is a household-level rate and the Displaced Workers, Employee Tenure, and Occupational Mobility supplement nonresponse rate is a person-level rate, we cannot combine these rates to derive an overall nonresponse rate. Nonresponding households may have fewer persons than interviewed ones, so combining these rates may lead to an overestimate of the true overall nonresponse rate for persons for the Displaced Workers, Employee Tenure, and Occupational Mobility supplement.

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 answer 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 Displaced Workers, Employee Tenure, and Occupational Mobility supplement, the unweighted item refusal rates range from 0.0 percent to 4.4 percent. The unweighted item nonresponse rates range from 0.0 percent to 25.1 percent.

**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 January 2020 is estimated to be about ten 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. Table 1 shows January 2020 CPS coverage ratios by age and sex for certain race and Hispanic groups. The CPS coverage ratios can exhibit some variability from month to month.

**Table 1. Current Population Survey Coverage Ratios: January 2020**

| Age group | All people | Total |        | White alone |        | Black alone |        | Residual race <sup>A</sup> |        | Hispanic <sup>B</sup> |        |
|-----------|------------|-------|--------|-------------|--------|-------------|--------|----------------------------|--------|-----------------------|--------|
|           |            | Male  | Female | Male        | Female | Male        | Female | Male                       | Female | Male                  | Female |
| 0-15      | 0.86       | 0.85  | 0.87   | 0.90        | 0.91   | 0.72        | 0.73   | 0.75                       | 0.81   | 0.80                  | 0.79   |
| 16-19     | 0.84       | 0.86  | 0.82   | 0.92        | 0.87   | 0.64        | 0.70   | 0.80                       | 0.72   | 0.88                  | 0.84   |
| 20-24     | 0.77       | 0.78  | 0.75   | 0.80        | 0.78   | 0.67        | 0.61   | 0.76                       | 0.76   | 0.74                  | 0.80   |
| 25-34     | 0.81       | 0.79  | 0.82   | 0.84        | 0.87   | 0.60        | 0.63   | 0.74                       | 0.77   | 0.70                  | 0.78   |
| 35-44     | 0.90       | 0.88  | 0.92   | 0.92        | 0.96   | 0.72        | 0.80   | 0.79                       | 0.82   | 0.81                  | 0.90   |
| 45-54     | 0.91       | 0.89  | 0.92   | 0.91        | 0.95   | 0.78        | 0.79   | 0.86                       | 0.89   | 0.79                  | 0.95   |
| 55-64     | 0.96       | 0.95  | 0.97   | 0.98        | 0.99   | 0.82        | 0.88   | 0.92                       | 0.90   | 0.92                  | 0.90   |
| 65+       | 1.00       | 1.00  | 0.99   | 1.02        | 1.01   | 0.92        | 0.92   | 0.89                       | 0.85   | 0.92                  | 0.91   |
| 15+       | 0.90       | 0.89  | 0.91   | 0.93        | 0.95   | 0.74        | 0.78   | 0.82                       | 0.82   | 0.81                  | 0.87   |
| 0+        | 0.89       | 0.88  | 0.90   | 0.92        | 0.94   | 0.73        | 0.77   | 0.80                       | 0.82   | 0.80                  | 0.85   |

Source: U.S. Census Bureau, Current Population Survey, January 2020.

<sup>A</sup> The Residual race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.

<sup>B</sup> 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.<sup>5</sup> 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

<sup>5</sup> Survey processes include, but are not limited to, question wording, universe, sampling frame, interview modes, and weighting.

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”).<sup>6</sup> 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 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

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<sup>6</sup> The phase-in process using the 2010 Census files began April 2014.

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 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 and Displaced Workers, Employee Tenure, and Occupational Mobility Supplement estimates. These methods primarily measure the magnitude of sampling error. However, they do measure some effects of nonsampling error as well. They do not measure systematic biases in the data associated with nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

There are two ways to calculate standard errors for the CPS microdata file on Displaced Workers, Employee Tenure, and Occupational Mobility.

1. Direct estimates created from replicate weighting methods;
2. 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, see U.S. Census Bureau (2009). For more information on GVF estimates, refer to the “Generalized Variance Parameters” section.

**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 3 through 6 provide illustrations for calculating standard errors;
- Table 7 provides the GVF parameters for labor force estimates; and
- Table 8 provides GVF parameters for characteristics from the January 2020 supplement.

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



**Table 2. Estimation Groups of Interest and Generalized Variance Parameters**

| Race/ethnicity group of interest  | 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 <sup>A</sup> population  | Hispanic <sup>A</sup>   |
| Two or more races <sup>B</sup> – employment/unemployment and educational attainment characteristics | Black   |
| Two or more races <sup>B</sup> – all other characteristics  | Asian, AIAN, NHOPI  |

Source: U.S. Census Bureau, Current Population Survey, internal data files.

<sup>A</sup> Hispanics may be any race.

<sup>B</sup> 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 7). If the estimate is using Displaced Workers, Employee Tenure, and Occupational Mobility supplement data, the GVF parameters will come from the Displaced Workers, Employee Tenure, and Occupational Mobility supplement GVF table (Table 8).

**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:

$$s_x = \sqrt{ax^2 + bx} \tag{1}$$

Here  $x$  is the size of the estimate, and  $a$  and  $b$  are the parameters in Table 7 or 8 associated with the particular type of characteristic.

**Illustration 1**

Suppose there were 3,629,000 unemployed men (ages 16 and up) in the civilian labor force. Table 3 shows how to use the appropriate parameters from Table 7 and Formula (1) to estimate the standard error and confidence interval.

**Table 3. Illustration of Standard Errors of Estimated Numbers**

|  |                        |
|--|------------------------|
| Number of unemployed males in the civilian labor force ( $x$ ) | 3,629,000              |
| a-parameter ( $a$ )  | -0.000031              |
| b-parameter ( $b$ )  | 2,947                  |
| Standard error   | 101,000                |
| 90-percent confidence interval                                 | 3,463,000 to 3,795,000 |

Source: U.S. Census Bureau, Current Population Survey, Displaced Workers, Employee Tenure, and Occupational Mobility Supplement, January 2020.

The standard error is calculated as

$$s_x = \sqrt{-0.000031 \times 3,629,000^2 + 2,947 \times 3,629,000},$$

which, rounded to the nearest thousand, is 101,000. The 90-percent confidence interval is calculated as  $3,629,000 \pm 1.645 \times 101,000$ .

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 7 or 8 as indicated by the numerator.

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

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

Here  $y$  is the total number of people, families, households, or unrelated individuals in the base or denominator of the percentage,  $p$  is the percentage  $100 \times x/y$  ( $0 \leq p \leq 100$ ), and  $b$  is the parameter in Table 7 or 8 associated with the characteristic in the numerator of the percentage.

#### Illustration 2

Suppose of 6,387,000 displaced workers, 2,298,000, or 36.0 percent lost their jobs when a plant or company closed down or moved. Table 4 shows how to use the appropriate parameters from Table 8 and Formula (2) to estimate the standard error and confidence interval.

**Table 4. Illustration of Standard Errors of Estimated Percentages**

|  |              |
|--|--------------|
| Percentage of displaced workers who lost their jobs when a plant or company closed down or moved (p) | 36.0         |
| Base (y)   | 6,387,000    |
| b-parameter (b)  | 4,014        |
| Standard error   | 1.20         |
| 90-percent confidence interval   | 34.0 to 38.0 |

Source: U.S. Census Bureau, Current Population Survey, Displaced Workers, Employee Tenure, and Occupational Mobility Supplement, January 2020.

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{4,014}{6,387,000} \times 36.0 \times (100.0 - 36.0)} = 1.20$$

and the 90-percent confidence interval for the estimated percentage of displaced workers who lost their jobs when a plant or company closed down or moved is from 34.0 to 38.0 percent (i.e.,  $36.0 \pm 1.645 \times 1.20$ ).

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

$$s_{x_1-x_2} = \sqrt{(s_{x_1})^2 + (s_{x_2})^2} \quad (3)$$

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

### Illustration 3

Suppose that of the 9,335,000 employed men between 25-29 years of age, 966,000, or 10.3 percent were part-time workers, and of the 8,783,000 employed women between 25-29 years of age, 1,592,000, or 18.1 percent were part-time workers. Table 5 shows how to use the appropriate parameters from Table 7 and Formulas (2) and (3) to estimate the standard error and confidence interval.

**Table 5. Illustration of Standard Errors of Estimated Differences**

|                                      | Men ( $x_1$ ) | Women ( $x_2$ ) | Difference |
|--------------------------------------|---------------|-----------------|------------|
| Percentage working part-time ( $p$ ) | 10.3          | 18.1            | 7.8        |
| Base ( $y$ )                         | 9,335,000     | 8,783,000       | -          |
| b-parameter ( $b$ )                  | 2,947         | 2,788           | -          |
| Standard error                       | 0.54          | 0.69            | 0.88       |
| 90-percent confidence interval       | 9.4 to 11.2   | 17.0 to 19.2    | 6.4 to 9.2 |

Source: U.S. Census Bureau, Current Population Survey, Displaced Workers, Employee Tenure, and Occupational Mobility Supplement, January 2020.

The standard error of the difference is calculated as

$$s_{x_1-x_2} = \sqrt{0.54^2 + 0.69^2} = 0.88$$

and the 90-percent confidence interval around the difference is calculated as  $7.8 \pm 1.645 \times 0.88$ . Since this interval does not include zero, we can conclude with 90-percent confidence that the percentage of part-time women workers between 25-29 years of age is greater than the percentage of part-time men workers between 25-29 years of age.

**Standard Errors of Estimated Medians.** The sampling variability of an estimated median depends on the form of the distribution and the size of the base. One can approximate the reliability of an estimated median by determining a confidence interval about it. (See “Standard Errors and Their Use” for a general discussion of confidence intervals.)

Estimate the 68-percent confidence limits of a median based on sample data using the following procedure:

1. Determine, using Formula (2), the standard error of the estimate of 50 percent from the distribution.
2. Add to and subtract from 50 percent the standard error determined in step 1. These two numbers are the percentage limits corresponding to the 68-percent confidence interval about the estimated median.
3. Using the distribution of the characteristic, determine upper and lower limits of the 68-percent confidence interval by calculating values corresponding to the two points established in step 2.

Note: The percentage limits found in step 2 may or may not fall in the same characteristic distribution interval.

Use the following formula to calculate the upper and lower limits:

$$X_p = \frac{p \cdot N - N_L}{N_U - N_L} (U - L) + L \tag{4}$$

where

$X_p$  = estimated upper and lower limits for the confidence interval ( $0 \leq p \leq 1$ ). For purposes of calculating the confidence interval,  $p$  takes on the values determined in step 2. Note that  $X_p$  estimates the median when  $p = 0.50$ .

$N$  = for distribution of totals and means: the total number of units (people, households, etc.) for the characteristic in the distribution.

= for distribution of percentages: the value 100.

$p$  = the values obtained in Step 2.

$L, U$  = the lower and upper boundaries, respectively, of the interval containing  $X_p$ .

Note: For continuous data, i.e., income, time, etc., the upper bound of the interval containing  $X_p$  and lower bound of the next interval are essentially the same and will be treated as such in the illustration.

$N_L, N_U$  = for distribution of totals and means: the estimated number of units (people, households, etc.) with values of the characteristic less than  $L$  and  $U$ , respectively.

= for distribution of percentages: the estimated percentage of units (people, households, etc.) having values of the characteristic less than  $L$  and  $U$ , respectively.

4. Divide the difference between the two points determined in step 3 by 2 to obtain the standard error of the median.

Note: Medians and their standard errors calculated as below may differ from those in published tables and reports showing medians, if different intervals were used in those calculations.

#### Illustration 4

Suppose you want to calculate the standard error of the estimated median of years a person worked on their lost job for all displaced workers with the following distribution:

**Table 6. Illustration of Standard Errors of Estimated Medians**

| Years on lost job | Number of persons | Cumulative number of persons | Cumulative percentage of persons |
|-------------------|-------------------|------------------------------|----------------------------------|
| <1                | 1,410,000         | 1,410,000                    | 23.54                            |
| 1-4.99            | 2,751,000         | 4,161,000                    | 69.47                            |
| 5-9.99            | 849,000           | 5,010,000                    | 83.64                            |
| 10-14.99          | 364,000           | 5,374,000                    | 89.72                            |
| 15-19.99          | 261,000           | 5,635,000                    | 94.07                            |
| 20+               | 355,000           | 5,990,000                    | 100.00                           |
| Total             | 5,990,000         |                              |                                  |

Source: U.S. Census Bureau; Current Population Survey; Displaced Workers, Employee Tenure, and Occupational Mobility Supplement; January 2020.

- Using Formula (2) with  $b = 4,014$  from Table 8, the standard error of 50 percent with a base of 5,990,000 is 1.29 percent.
- To obtain a 68-percent confidence interval on an estimated median, add to and subtract from 50 percent the standard error found in step 1. This yields percentage limits of 48.71 and 51.29.
- The lower and upper boundaries for the interval in which the percentage limits fall are  $L = 1$  year to  $U = 5$  years, respectively.

Then the estimated number of displaced workers with years on the lost job between 1 and 5 are  $N_L = 1,410,000$  and  $N_U = 4,161,000$ , respectively.

Using Formula (4), the lower limit for the confidence interval of the median is found to be about

$$X_{0.4871} = \frac{0.4871 * 5,990,000 - 1,410,000}{4,161,000 - 1,410,000} (5 - 1) + 1 = 3.19$$

Similarly, the upper limit is found to be about

$$X_{0.5129} = \frac{0.5129 * 5,990,000 - 1,410,000}{4,161,000 - 1,410,000} (5 - 1) + 1 = 3.42$$

Thus, a 68-percent confidence interval for the median number of years on the lost job for displaced workers is from 3.19 to 3.42.

- The standard error of the median is, therefore,

$$\frac{3.42 - 3.19}{2} = 0.115$$

**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](mailto:dsmd.source.and.accuracy@census.gov).

**Table 7. Parameters for Computation of Standard Errors for Labor Force Characteristics: January 2020**

| <b>Characteristic</b>  | <b>a</b>  | <b>b</b> |
|--|-----------|----------|
| <b>Total or White</b>  |           |          |
| <i>Civilian labor force, employed</i>  | -0.000013 | 2,481    |
| <i>Unemployed</i>  | -0.000017 | 3,244    |
| <i>Not in labor force</i>  | -0.000013 | 2,432    |
| <br><i>Civilian labor force, employed, not in labor force, and unemployed</i>                                  |           |          |
| Men  | -0.000031 | 2,947    |
| Women  | -0.000028 | 2,788    |
| Both sexes, 16 to 19 years   | -0.000261 | 3,244    |
| <br><b>Black</b>   |           |          |
| <br><i>Civilian labor force, employed, not in labor force, and unemployed</i>                                  |           |          |
| 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    |
| <br><b>Asian, American Indian and Alaska Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI)</b> |           |          |
| <br><i>Civilian labor force, employed, not in labor force, and unemployed</i>                                  |           |          |
| 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    |
| <br><b>Hispanic, may be of any race</b>  |           |          |
| <br><i>Civilian labor force, employed, not in labor force, and unemployed</i>                                  |           |          |
| 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 8. Parameters for Computation of Standard Errors for Displaced Workers, Employee Tenure, and Occupational Mobility Characteristics: January 2020**

| Characteristic           | Total     |          | White Alone |          | Black Alone |          | Asian, AIAN, NHOPI <sup>A</sup> |          | Hispanic <sup>B</sup> |          |
|--------------------------|-----------|----------|-------------|----------|-------------|----------|---------------------------------|----------|-----------------------|----------|
|                          | <i>a</i>  | <i>b</i> | <i>a</i>    | <i>b</i> | <i>a</i>    | <i>b</i> | <i>a</i>                        | <i>b</i> | <i>a</i>              | <i>b</i> |
| <b>ALL PERSONS</b>       |           |          |             |          |             |          |                                 |          |                       |          |
| Long-Tenured Persons     | -0.000017 | 4,127    | -0.000018   | 3,821    | -0.000100   | 5,437    | -0.000226                       | 5,299    | -0.000139             | 5,536    |
| Age                      |           |          |             |          |             |          |                                 |          |                       |          |
| Total 20 years and over  | -0.000018 | 4,492    | -0.000019   | 4,110    | -0.000105   | 5,671    | -0.000237                       | 5,544    | -0.000176             | 6,980    |
| 20 to 24                 | -0.000273 | 5,706    | -0.000291   | 5,190    | -0.001321   | 7,350    | -0.002231                       | 5,544    | -0.001469             | 6,980    |
| 25 to 54                 | -0.000036 | 4,492    | -0.000038   | 4,110    | -0.000180   | 5,671    | -0.000474                       | 6,671    | -0.000278             | 6,980    |
| 55 to 64                 | -0.000106 | 4,492    | -0.000112   | 4,163    | -0.000601   | 5,035    | -0.001454                       | 4,729    | -0.001172             | 6,047    |
| 65 years and over        | -0.000084 | 4,492    | -0.000086   | 4,163    | -0.000576   | 5,035    | -0.001317                       | 4,729    | -0.001278             | 6,047    |
| Gender                   |           |          |             |          |             |          |                                 |          |                       |          |
| Male (Total)             | -0.000040 | 4,654    | -0.000041   | 4,242    | -0.000262   | 6,568    | -0.000490                       | 5,435    | -0.000323             | 6,379    |
| Male 20 to 24            | -0.000506 | 5,285    | -0.000550   | 4,924    | -0.002408   | 6,568    | -0.004373                       | 5,435    | -0.002388             | 5,715    |
| Male 25 to 54            | -0.000075 | 4,654    | -0.000078   | 4,242    | -0.000392   | 5,803    | -0.000803                       | 5,435    | -0.000448             | 5,715    |
| Male 55 to 64            | -0.000194 | 3,942    | -0.000207   | 3,732    | -0.001180   | 4,519    | -0.002443                       | 3,675    | -0.001764             | 4,437    |
| Male 65 years and over   | -0.000163 | 3,942    | -0.000169   | 3,732    | -0.001233   | 4,519    | -0.002343                       | 3,675    | -0.001850             | 3,828    |
| Female (Total)           | -0.000036 | 4,543    | -0.000037   | 4,009    | -0.000230   | 6,684    | -0.000431                       | 5,316    | -0.000307             | 6,134    |
| Female 20 to 24          | -0.000508 | 5,312    | -0.000545   | 4,830    | -0.002357   | 6,684    | -0.003869                       | 4,807    | -0.002288             | 5,401    |
| Female 25 to 54          | -0.000071 | 4,543    | -0.000074   | 4,009    | -0.000338   | 5,625    | -0.000657                       | 4,807    | -0.000438             | 5,401    |
| Female 55 to 64          | -0.000185 | 4,047    | -0.000210   | 4,009    | -0.001028   | 4,680    | -0.002061                       | 3,605    | -0.001614             | 4,272    |
| Female 65 years and over | -0.000137 | 4,047    | -0.000133   | 3,538    | -0.000921   | 4,680    | -0.001783                       | 3,605    | -0.001604             | 4,272    |
| <b>EMPLOYED PERSONS</b>  |           |          |             |          |             |          |                                 |          |                       |          |
| Age                      |           |          |             |          |             |          |                                 |          |                       |          |
| Total 20 years and over  | -0.000018 | 4,413    | -0.000019   | 4,073    | -0.000111   | 5,990    | -0.000251                       | 5,875    | -0.000181             | 7,212    |
| 20 to 24                 | -0.000265 | 5,531    | -0.000285   | 5,070    | -0.001299   | 7,227    | -0.001836                       | 4,562    | -0.001138             | 5,408    |
| 25 to 54                 | -0.000035 | 4,413    | -0.000038   | 4,073    | -0.000190   | 5,990    | -0.000417                       | 5,875    | -0.000287             | 7,212    |
| 55 to 64                 | -0.000091 | 3,857    | -0.000100   | 3,724    | -0.000568   | 4,759    | -0.001402                       | 4,562    | -0.000888             | 4,583    |
| 65 years and over        | -0.000064 | 3,447    | -0.000077   | 3,724    | -0.000496   | 4,338    | -0.001271                       | 4,562    | -0.000776             | 3,673    |
| Gender                   |           |          |             |          |             |          |                                 |          |                       |          |
| Male (Total)             | -0.000039 | 4,538    | -0.000040   | 4,158    | -0.000241   | 6,027    | -0.000431                       | 4,782    | -0.000302             | 5,956    |
| Female (Total)           | -0.000036 | 4,538    | -0.000038   | 4,158    | -0.000207   | 6,027    | -0.000388                       | 4,782    | -0.000253             | 5,069    |

| Characteristic                        | Total     |       | White Alone |       | Black Alone |       | Asian, AIAN, NHOPI <sup>A</sup> |       | Hispanic <sup>B</sup> |       |
|---------------------------------------|-----------|-------|-------------|-------|-------------|-------|---------------------------------|-------|-----------------------|-------|
|                                       | a         | b     | a           | b     | a           | a     | b                               | a     | b                     | a     |
| <b>UNEMPLOYED PERSONS</b>             |           |       |             |       |             |       |                                 |       |                       |       |
| Age                                   |           |       |             |       |             |       |                                 |       |                       |       |
| Total 20 years and over               | -0.000017 | 4,014 | -0.000016   | 3,413 | -0.000082   | 4,447 | -0.000190                       | 4,447 | -0.000112             | 4,447 |
| 20 to 24                              | -0.000192 | 4,014 | -0.000192   | 3,413 | -0.000902   | 5,016 | -0.002018                       | 5,016 | -0.001055             | 5,016 |
| 25 to 54                              | -0.000032 | 4,014 | -0.000031   | 3,413 | -0.000141   | 4,447 | -0.000316                       | 4,447 | -0.000177             | 4,447 |
| 55 to 64                              | -0.000071 | 2,979 | -0.000083   | 3,083 | -0.000390   | 3,271 | -0.001005                       | 3,271 | -0.000634             | 3,271 |
| 65 years and over                     | -0.000055 | 2,979 | -0.000063   | 3,083 | -0.000297   | 2,598 | -0.000724                       | 2,598 | -0.000549             | 2,598 |
| Gender                                |           |       |             |       |             |       |                                 |       |                       |       |
| Male (Total)                          | -0.000030 | 3,473 | -0.000032   | 3,254 | -0.000192   | 4,812 | -0.000361                       | 3,998 | -0.000230             | 4,539 |
| Female (Total)                        | -0.000028 | 3,473 | -0.000030   | 3,254 | -0.000165   | 4,812 | -0.000324                       | 3,998 | -0.000227             | 4,539 |
| <b>PERSONS NOT IN THE LABOR FORCE</b> |           |       |             |       |             |       |                                 |       |                       |       |
| Age                                   |           |       |             |       |             |       |                                 |       |                       |       |
| Total 20 years and over               | -0.000024 | 5,794 | -0.000026   | 5,567 | -0.000125   | 6,763 | -0.000235                       | 5,511 | -0.000152             | 6,035 |
| 20 to 24                              | -0.000277 | 5,794 | -0.000312   | 5,567 | -0.001216   | 6,763 | -0.002217                       | 5,511 | -0.001086             | 5,164 |
| 25 to 54                              | -0.000038 | 4,766 | -0.000043   | 4,690 | -0.000215   | 6,763 | -0.000391                       | 5,511 | -0.000206             | 5,164 |
| 55 to 64                              | -0.000094 | 3,950 | -0.000103   | 3,820 | -0.000547   | 4,583 | -0.001122                       | 3,649 | -0.001000             | 5,164 |
| 65 years and over                     | -0.000089 | 4,766 | -0.000096   | 4,690 | -0.000597   | 5,225 | -0.001292                       | 4,638 | -0.001091             | 5,164 |
| Gender                                |           |       |             |       |             |       |                                 |       |                       |       |
| Male (Total)                          | -0.000038 | 4,480 | -0.000041   | 4,263 | -0.000229   | 5,747 | -0.000418                       | 4,635 | -0.000254             | 5,014 |
| Female (Total)                        | -0.000036 | 4,480 | -0.000039   | 4,263 | -0.000197   | 5,747 | -0.000376                       | 4,635 | -0.000251             | 5,014 |

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Displaced Workers, Employee Tenure, and Occupational Mobility Supplement, January 2020.

<sup>A</sup> AIAN is American Indian and Alaska Native, and NHOPI is Native Hawaiian and Other Pacific Islander.

<sup>B</sup> Hispanics may be any race.

Notes: These parameters are to be applied to the Displaced Workers, Employee Tenure, and Occupational Mobility Supplement data. The Total, 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 or 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.

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All online references accessed November 3, 2020.

## ATTACHMENT 17

### USER NOTES

This section will contain information relevant to the *Current Population Survey January 2020: Displaced Worker, Employee Tenure, and Occupational Mobility Supplement File* that becomes available after the file is released. The cover letter to the updated information should be filed behind this page.