EXHIBIT

4

CURRENT POPULATION SURVEY, November 2020
Voting and Registration Supplement

TECHNICAL DOCUMENTATION

This file documentation consists of the following materials:

Attachment 1	Abstract
Attachment 2	Overview - Current Population Survey
Attachment 3	Overview – November 2020 Voting and Registration Use Supplement
Attachment 4	Glossary
Attachment 5	How to Use the Record Layout
Attachment 6	Basic CPS Record Layout
Attachment 7	Current Population Survey, November 2020 Voting and Registration Use Supplement Record Layout
Attachment 8	Current Population Survey, November 2020 Voting and Registration Use Supplement Questionnaire
Attachment 9	Industry Classification Codes
Attachment 10	Occupation Classification Codes
Attachment 11	Specific Metropolitan Identifiers
Attachment 12	Topcoding of Usual Hourly Earnings
Attachment 13	Tallies of Unweighted Counts
Attachment 14	Countries and Areas of the World
Attachment 15	Allocation Flags
Attachment 16	Source and Accuracy of the November 2020 Voting and Registration Use Supplement Data
Attachment 17	User Notes

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 **subject matter** should be directed to Census CPS Team, Demographic Surveys Division, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-8366. Email: DSD.CPS@census.gov

ATTACHMENT 1

ABSTRACT

Current Population Survey, November 2020: Voting and Registration 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 54,000 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 voting and registration questions were asked of all persons who were both U.S. citizens and 18 years or older, as applicable. Voting and registration data are collected every 2 years to monitor trends in the voting and nonvoting behavior of U.S. citizens in terms of their different demographic and economic characteristics. The November CPS supplement is a major source of information regarding national voting and registration.

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 principal cities in multi-principal city core-based statistical areas or combined statistical areas. Also within confidentiality restrictions, indicators are provided for metropolitan/non-metropolitan, principal city/balance metropolitan, and CBSA size.

Technical Description: File

Structure: Rectangular.
File Size: 134,122 logical records; 1018 character logical record length.
File Sort Sequence: State rank by CMSA/MSA rank by household identification number by line number.

Reference Materials:

Current Population Survey, November 2020: Voting and Registration Supplement Technical Documentation. Documentation contains this abstract, questionnaire facsimiles, and record layouts of the file. One copy accompanies each file order. Additional copies are available from Marketing Services Office, Customer Services Center, Bureau of the Census, Washington, DC 20233.

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

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

File Availability:

You can download the file from our FTP site at https://www.census.gov/programs-surveys/cps/data/datasets.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 60 years. Currently, we obtain interviews from about 54,000 households monthly, scientifically selected on the basis of area of residence to represent the nation as a whole, individual states, and other specified areas. Each household is interviewed once a month for four consecutive months one year, and again for the corresponding time period a year later. This technique enables us to obtain reliable month-to-month and year-to-year comparisons at a reasonable cost while minimizing the inconvenience to any one household.

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

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

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

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

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

CPS Sample Design

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

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

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

Approximately 72,000 housing units are assigned for interview each month, of which about 60,000 are occupied and thus eligible for interview. The remainder are units found to be destroyed, vacant, converted to nonresidential use, containing persons whose usual place of residence is elsewhere, or ineligible for other reasons. Of the 60,000 occupied housing units, approximately 10 percent are not interviewed in a given month due to temporary absence (vacation, etc.), the residents are not found at home after repeated attempts, inability of persons contacted to respond, unavailability for other reasons, and refusals to cooperate. The interviewed households contain approximately 108,000 persons 15 years old and over, approximately 27,000 children 0-14 years old, and about 450 Armed Forces members living with civilians either on or off base within these households. A more precise explanation regarding the CPS sample design is provided in "Explanatory Notes and Estimates of Error: Household Data - Sampling" in any issue of *Employment and Earnings*.

Relationship of Current Population Survey Files to Publications

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

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

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

All Current Population Reports, including the other series for population estimates and projections and special censuses, may be obtained by subscription from the U.S. Government Printing Office at 202-783-3238. Subscriptions are available as follows: Population Characteristics, Special Studies, and Consumer Income series (P-20, P-23, P-60) combined, $101 per year (sold as a package only); Population Estimates and Projections, (P-25),

$27 per year. Single issues may be ordered separately; ordering information and prices are provided in the Bureau of the *Census Catalog and Guide*, the *Monthly Product Announcement* (MPA), and in *Census and You*. Selected reports also may be accessed on the INTERNET at http://census.gov/library/publications.html.

Geographic Limitations

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

Weights

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

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

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

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

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

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

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

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

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

Comparability of CPS from Microdata Files with Published Sources

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

Another factor also inhibits microdata comparison with published labor force data. This is the seasonal adjustment that is applied to many published statistics. This adjustment is used to adjust for normal seasonal variations to help distinguish the underlying economic situation in month-to-month changes and is not reflected in any of the weights or variables included on the public use files.

Shown below are data from January and July 2015 which demonstrate how estimates compiled using the final weights from the microdata file may differ from the published composited estimates, with and without seasonal adjustment. Note that the composite estimation procedure was not used for estimates published from January 1994 to May 1994. For a further description of both the composite estimator and seasonal adjustment, see the most recent of the CPS Technical Paper (66 or 77).

Comparison of CPS Estimates from Microdata Files with Published Sources

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

ATTACHMENT 3

OVERVIEW

November 2020 Voting and Registration Supplement

General

Census Bureau staff conducted the November 2020 Voting and Registration 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 54,000 households across the country. Attachment 8 contains a copy of the labor force questions asked each month as part of the basic CPS questions. Attachment 9 contains the November 2020 Voting and Registration supplement questions asked of all applicable persons 18 years old or older.

Attachment 2 comprises a description of the CPS entitled "Overview--Current Population Survey." A description of the November 2020 Voting and Registration Survey follows.

Data Collection

Census Bureau staff conducted interviews during the period of November 15-24, 2020. Self or proxy responses were allowed for this supplement, that is, a single respondent could provide answers for themselves or provide answers for all eligible households members, provided the respondents him/herself was a household member 15 years of age or older.

The voting and registration questions were asked of all persons who were both U.S. citizens and 18 years of age or older, as applicable. The CPS instrument determined who was eligible for the Voting and Registration supplement through the use of check items that referred to basic CPS items, including age and citizenship.

Item S1 asked respondents if they voted in the November 3 election; if they responded "Yes," they were skipped to Item S5. Otherwise, they were asked if they were registered to vote in the November 3 election (Item S2).

The questions concluded with each respondent being asked Item S8, "How long have you lived at this address?" The interviewer filled Item SCK4, "Who reported for this person," depending upon whether it was a self or proxy response.

Interviewers received a 1 1/2 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. In addition, age and citizenship were verified.

There is no supplement weight associated with the November 2020 Voting and Registration supplement. Use the basic CPS weight, PWSSWGT (located in positions 613-622), for tallying the supplement items.

The values for each variable are defined in the supplement record layout (Attachment 8).

November 2020 Voting and Registration Computer File

The CPS Labor Force Data. The November 2020 CPS file contains 134,122 records. The first 955 characters contain the labor force and disability data for each record. Attachment 6 contains the CPS Basic Items Record Layout, which includes the variable name, character size, location on the record, universe, and the 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 household member (15+ years old)

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

HRINTSTA

1 = Interview

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

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

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

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

The values of PRPERTYP are:

	Unweighted Counts
1 = Child	19,687
2 = Adult Civilian, 15+	91,978
3 = Adult, Armed Forces	372

The values of HRINTSTA are:

2 = Type A Noninterview	12,203
3 = Type B Noninterview	9,334
4 = Type C Noninterview	548

November 2020 CPS Voting and Registration Supplement Data. The November 2020 Voting and Registration supplement data are in locations 1001-1018. (See Attachment 7)

Tallying the November 2020 Voting and Registration Supplement File. The November 2020 Voting and Registration supplement universe represented the full CPS sample comprised of all persons 18 years of age or older.

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 November 2020 Voting and Registration data, call the Census Bureau CPS Staff on (301) 763-3806.

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
  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) EDITED UNIVERSE: ALL HHLD's IN SAMPLE Part 1. See Characters 71-75 for Part 2 of the Household Identifier. Use Part 1 only for matching backward in time and use in combination with Part 2 for matching forward in time.	1- 15
HRMONTH	2	MONTH OF INTERVIEW EDITED UNIVERSE: ALL HHLDs IN SAMPLE <u>VALID ENTRIES</u> 01 MIN VALUE 12 MAX VALUE	16-17
HRYEAR4	4	YEAR OF INTERVIEW EDITED UNIVERSE: ALL HHLDs IN SAMPLE <u>VALID ENTRIES</u> 1998 MIN VALUE 2999 MAX VALUE	18-21
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 245 CONDEMNED 246 BUILT AFTER APRIL 1, 2000 247 UNUSED SERIAL NO./LISTING SHEET LINE 248 OTHER - SPECIFY 256 REMOVED DURING SUB-SAMPLING 257 UNIT ALREADY HAD A CHANCE OF SELECTION	
HUSPNISH	2	IS SPANISH THE ONLY LANGUAGE SPOKEN BY ALL MEMBERS OF THIS HOUSEHOLD WHO ARE 15 YEARS OF AGE OR OLDER? VALID ENTRIES 1 SPANISH ONLY LANGUAGE SPOKEN	27 - 28
HETENURE	2	ARE YOUR LIVING QUARTERS... (READ ANSWER CATEGORIES) EDITED UNIVERSE: HRINTSTA = 1 OR HUTYPB = 1-3 VALID ENTRIES 1 OWNED OR BEING BOUGHT BY A HH MEMBER 2 RENTED FOR CASH 3 OCCUPIED WITHOUT PAYMENT OF CASH RENT NOTE: May be missing on the Basic CPS microdata files. This will be updated on later releases of the same month's data.	29 - 30
HEHOUSUT	2	TYPE OF HOUSING UNIT EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 0 OTHER UNIT 1 HOUSE, APARTMENT, FLAT 2 HU IN NONTRANSIENT HOTEL, MOTEL, ETC. 3 HU PERMANENT IN TRANSIENT HOTEL, MOTEL 4 HU IN ROOMING HOUSE 5 MOBILE HOME OR TRAILER W/NO PERM. ROOM ADDED 6 MOBILE HOME OR TRAILER W/1 OR MORE PERM. ROOMS ADDED 7 HU NOT SPECIFIED ABOVE 8 QUARTERS NOT HU IN ROOMING OR BRDING HS 9 UNIT NOT PERM. IN TRANSIENT HOTL, MOTL 10 UNOCCUPIED TENT SITE OR TRLR SITE	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? EDITED UNIVERSE: HRINTSTA = 1 <u>VALID ENTRIES</u> 1 YES 2 NO	33 - 34
HETELAVL	2	IS THERE A TELEPHONE ELSEWHERE ON WHICH PEOPLE IN THIS HOUSEHOLD CAN BE CONTACTED? EDITED UNIVERSE: HETELHHD = 2 <u>VALID ENTRIES</u> 1 YES 2 NO	35 - 36
HEPHONEO	2	IS A TELEPHONE INTERVIEW ACCEPTABLE? EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1 <u>VALID ENTRIES</u> 1 YES 2 NO	37 - 38
HEFAMINC	2	FAMILY INCOME (COMBINED INCOME OF ALL FAMILY MEMBERS DURING THE LAST 12 MONTHS. INCLUDES MONEY FROM JOBS, NET INCOME FROM BUSINESS, FARM OR RENT, PENSIONS, DIVIDENDS, INTEREST, SOCIAL SECURITY PAYMENTS AND ANY OTHER MONEY INCOME RECEIVED BY FAMILY MEMBERS WHO ARE 15 YEARS OF AGE OR OLDER.) Edited beginning January 2010 **Note: Caution should be used when using this variable since it has an allocation rate of approximately 20 percent.**	39 - 40

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	
HUTYPC	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 (4 IMPLIED DECIMAL PLACES) USED FOR TALLYING HOUSEHOLD CHARACTERISTICS EDITED UNIVERSE: HRINTSTA = 1	47 - 56
HRINTSTA	2	INTERVIEW STATUS EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 1 INTERVIEW 2 TYPE A NON-INTERVIEW 3 TYPE B NON-INTERVIEW 4 TYPE C NON-INTERVIEW	57 - 58
HRNUMHOU	2	TOTAL NUMBER OF PERSONS LIVING IN THE HOUSEHOLD (HOUSEHOLD MEMBERS). EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 0 MIN VALUE 16 MAX VALUE	59 - 60
HRHTYPE	2	HOUSEHOLD TYPE EDITED UNIVERSE: ALL HHLDs IN SAMPLE	61 - 62

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 WITH FAMILY 10 GROUP QUARTERS WITHOUT FAMILY	
HRMIS	2	MONTH-IN-SAMPLE 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 ATTEMPTED PERSONAL CONTACTS	67 - 68
		VALID ENTRIES	
		1 MIN VALUE 9 MAX VALUE	
HRLONGLK	2	LONGITUDINAL LINK INDICATOR 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) EDITED UNIVERSE: ALL HHLD's IN SAMPLE Part 1 of this number is found in columns 1-15 of the record. Concatenate this item with Part 1 for matching forward in time. The component parts of this number are as follows: 71-72 Numeric component of the sample number (HRSAMPLE) 73-74 Serial suffix-converted to numerics (HRSERSUF) 75 Household Number (HUHHNUM)	71 - 75
HWHHWTLN	2	Line Number (PULINENO) of the person whose PWSSWGT was donated as HWHHWGT for the household EDITED UNIVERSE: HRINTSTA = 1 VALID ENTRIES 0 MIN VALUE 16 MAX VALUE	76-77
FILLER	1		78 - 78
HUBUS	2	DOES ANYONE IN THIS HOUSEHOLD HAVE A BUSINESS OR A FARM? VALID ENTRIES 1 YES 2 NO	79 - 80
HUBUSL1	2	ENTER LINE NUMBER FOR HUBUS = 1 VALID ENTRIES 01 MIN VALUE 99 MAX VALUE	81 - 82
HUBUSL2	2	See BUSL1 VALID ENTRIES 1 MIN VALUE 99 MAX VALUE	83 - 84

NAME	SIZE	DESCRIPTION	LOCATION
HUBUSL3	2	See BUSL1	85 - 86
		VALID ENTRIES	
		1 MIN VALUE 99 MAX VALUE	
HUBUSL4	2	See BUSL1	87 - 88
		VALID ENTRIES	
		1 MIN VALUE 99 MAX VALUE	
		A2. GEOGRAPHIC INFORMATION	
GEREG	2	REGION	89 - 90
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		VALID ENTRIES	
		1 NORTHEAST 2 MIDWEST (FORMERLY NORTH CENTRAL) 3 SOUTH 4 WEST	
GEDIV	1	DIVISION	91 - 91
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		VALID ENTRIES	
		1 NEW ENGLAND 2 MIDDLE ATLANTIC 3 EAST NORTH CENTRAL 4 WEST NORTH CENTRAL 5 SOUTH ATLANTIC 6 EAST SOUTH CENTRAL 7 WEST SOUTH CENTRAL 8 MOUNTAIN 9 PACIFIC	
FILLER	1		92 – 92

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

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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

FILLER	1		95 - 95
GTCBSA	5	SPECIFIC METROPOLITAN CBSA CODE (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

VALID ENTRIES

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

GTCBSAST	1	PRINCIPAL CITY/BALANCE STATUS	104 - 104

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

1 PRINCIPAL CITY
2 BALANCE
3 NONMETROPOLITAN
4 NOT IDENTIFIED

GTMETSTA	1	METROPOLITAN STATUS	105 - 105

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

1 METROPOLITAN
2 NONMETROPOLITAN
3 NOT IDENTIFIED

GTINDVPC	1	INDIVIDUAL PRINCIPAL CITY	106 - 106

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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

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 EDITED UNIVERSE: ALL HHLD's IN SAMPLE VALID ENTRIES 0 NOT IDENTIFIED OR NONMETROPOLITAN 2 100,000 - 249,999 3 250,000 - 499,999 4 500,000 - 999,999 5 1,000,000 - 2,499,999 6 2,500,000 - 4,999,999 7 5,000,000+	107 - 107
GTCSA	3	Consolidated Statistical Area (CSA) FIPS CODE (SEE GEOGRAPHIC ATTACHMENT) EDITED UNIVERSE: ALL HHLD's IN SAMPLE VALID ENTRIES 000 NOT IDENTIFIED OR NONMETROPOLITAN 104 MIN VALUE 548 MAX VALUE	108-110
FILLER	3		111 - 113
		A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS	
FILLER	2	Starting January 2014	114 - 117
PERRP	2	RELATIONSHIP TO REFERENCE PERSON 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, 0R 3

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 00-79 Age in Years 80 80-84 Years Old 85 85+ Years Old	
PRTFAGE	1	TOP CODE FLAG FOR AGE VALID ENTRIES 0 NO TOP CODE 1 TOP CODED VALUE FOR AGE	124 - 124
PEMARITL	2	MARITAL STATUS EDITED UNIVERSE: PRTAGE >= 15 VALID ENTRIES 1 MARRIED - SPOUSE PRESENT 2 MARRIED - SPOUSE ABSENT 3 WIDOWED 4 DIVORCED 5 SEPARATED 6 NEVER MARRIED	125 - 126
PESPOUSE	2	LINE NUMBER OF SPOUSE EDITED UNIVERSE: PEMARITL = 1 VALID ENTRIES -1 NO SPOUSE 01 MIN VALUE 99 MAX VALUE	127 - 128
PESEX	2	SEX EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 1 MALE 2 FEMALE	129 - 130

NAME	SIZE	DESCRIPTION	LOCATION
PEAFEVER	2	DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES? EDITED UNIVERSE: PRTAGE >=17 VALID ENTRIES 1 YES 2 NO	131 - 132
FILLER	2	Starting August 2005	133 - 134
PEAFNOW	2	ARE YOU NOW IN THE ARMED FORCES EDITED UNIVERSE: PRPERTYP = 2 or 3 VALID ENTRIES 1 YES 2 NO	135 - 136
PEEDUCA	2	HIGHEST LEVEL OF SCHOOL COMPLETED OR DEGREE RECEIVED EDITED UNIVERSE: PRPERTYP = 2 0R 3 VALID ENTRIES 31 LESS THAN 1ST GRADE 32 1ST, 2ND, 3RD OR 4TH GRADE 33 5TH OR 6TH GRADE 34 7TH OR 8TH GRADE 35 9TH GRADE 36 10TH GRADE 37 11TH GRADE 38 12TH GRADE NO DIPLOMA 39 HIGH SCHOOL GRAD-DIPLOMA OR EQUIV (GED) 40 SOME COLLEGE BUT NO DEGREE 41 ASSOCIATE DEGREE-OCCUPATIONAL/VOCATIONAL 42 ASSOCIATE DEGREE-ACADEMIC PROGRAM 43 BACHELOR'S DEGREE (EX: BA, AB, BS) 44 MASTER'S DEGREE (EX: MA, MS, MEng, MEd, MSW) 45 PROFESSIONAL SCHOOL DEG (EX: MD, DDS, DVM) 46 DOCTORATE DEGREE (EX: PhD, EdD)	137 - 138

NAME	SIZE	DESCRIPTION	LOCATION
PTDTRACE	2	RACE	139 – 140

EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 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, 0R 3	
		VALID ENTRIES 1 HISPANIC 2 NON-HISPANIC	
PRMARSTA	2	MARITAL STATUS BASED ON ARMED FORCES PARTICIPATION EDITED	159 - 160
		UNIVERSE: PRPERTYP = 2 0R 3	
		VALID ENTRIES 1 MARRIED, CIVILIAN SPOUSE PRESENT 2 MARRIED, ARMED FORCES SPOUSE PRESENT 3 MARRIED, SPOUSE ABSENT (EXC. SEPARATED) 4 WIDOWED 5 DIVORCED 6 SEPARATED 7 NEVER MARRIED	
PRPERTYP	2	TYPE OF PERSON RECORD RECODE	161 - 162
		EDITED UNIVERSE: ALL HOUSEHOLD MEMBERS	
		VALID ENTRIES 1 CHILD HOUSEHOLD MEMBER 2 ADULT CIVILIAN HOUSEHOLD MEMBER 3 ADULT ARMED FORCES HOUSEHOLD MEMBER PENATVTY	
	3	COUNTRY OF BIRTH	163 - 165
		EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3	

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 057 UNITED STATES 066 GUAM 073 PUERTO RICO 078 U. S. VIRGIN ISLANDS 096 OTHER U. S. ISLAND AREA 100-554 FOREIGN COUNTRY (SEE APPENDIX) 555 ELSEWHERE	
PEMNTVTY	3	MOTHER'S COUNTRY OF BIRTH	166 - 168
		EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3	
		VALID ENTRIES 057 UNITED STATES 066 GUAM 073 PUERTO RICO 078 U. S. VIRGIN ISLANDS 096 OTHER U. S. ISLAND AREA 100-554 FOREIGN COUNTRY (SEE APPENDIX) 555 ELSEWHERE	
PEFNTVTY	3	FATHER'S COUNTRY OF BIRTH	169 - 171
		EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3	
		VALID ENTRIES 057 UNITED STATES 066 GUAM 073 PUERTO RICO 078 U. S. VIRGIN ISLANDS 096 OTHER U. S. ISLAND AREA 100-554 FOREIGN COUNTRY (SEE APPENDIX) 555 ELSEWHERE	
PRCITSHP	2	CITIZENSHIP STATUS	172 - 173
		EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3	

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES	
		1 NATIVE, BORN IN THE UNITED STATES 2 NATIVE, BORN IN PUERTO RICO OR OTHER U.S. ISLAND AREAS 3 NATIVE, BORN ABROAD OF AMERICAN PARENT OR PARENTS 4 FOREIGN BORN, U.S. CITIZEN BY NATURALIZATION 5 FOREIGN BORN, NOT A CITIZEN OF THE UNITED STATES	
PRCITFLG	2	CITIZENSHIP ALLOCATION FLAG	174 - 175
		EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3	
		Placed in this position because naming convention is different from all other allocation flags.	
PRINUSYR	2	IMMIGRANT'S YEAR OF ENTRY	176 - 177
		EDITED UNIVERSE: PRCITSHP = 2, 3, 4, OR 5	
		VALID ENTRIES	
		-1 NOT IN UNIVERSE (BORN IN U.S.) 00 NOT FOREIGN BORN 01 BEFORE 1950 02 1950-1959 03 1960-1964 04 1965-1969 05 1970-1974 06 1975-1979 07 1980-1981 08 1982-1983 09 1984-1985 10 1986-1987 11 1988-1989 12 1990-1991 13 1992-1993 14 1994-1995 15 1996-1997 16 1998-1999 17 2000-2001 18 2002-2003 19 2004-2005 20 2006-2007 21 2008-2009 22 2010-2011	

NAME	SIZE	DESCRIPTION	LOCATION
		23 2012-2015	
		A4. PERSONS INFORMATION LABOR FORCE ITEMS	
PUSLFPRX	2	LABOR FORCE INFORMATION COLLECTED BY SELF OR PROXY RESPONSE VALID ENTRIES 1 SELF 2 PROXY 3 BOTH SELF AND PROXY	178 - 179
PEMLR	2	MONTHLY LABOR FORCE RECODE EDITED UNIVERSE: PRPERTYP = 2 VALID ENTRIES 1 EMPLOYED-AT WORK 2 EMPLOYED-ABSENT 3 UNEMPLOYED-ON LAYOFF 4 UNEMPLOYED-LOOKING 5 NOT IN LABOR FORCE-RETIRED 6 NOT IN LABOR FORCE-DISABLED 7 NOT IN LABOR FORCE-OTHER	180 - 181
PUWK	2	LAST WEEK, DID YOU DO ANY WORK FOR (EITHER) PAY (OR PROFIT)? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	182 - 183
PUBUS1	2	LAST WEEK, DID YOU DO ANY UNPAID WORK IN THE FAMILY BUSINESS OR FARM?	184 - 185

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

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 YES 2 NO 3 WAS NOT RETIRED LAST MONTH	
PUDIS	2	DISABILITY STATUS (LAST MONTH YOU WERE REPORTED TO HAVE A DISABILITY.) DOES YOUR DISABILITY CONTINUE TO PREVENT YOU FROM DOING ANY KIND OF WORK FOR THE NEXT 6 MONTHS? VALID ENTRIES 1 YES 2 NO 3 DID NOT HAVE DISABILITY LAST MONTH	198 - 199
PERET1	2	DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART-TIME? EDITED UNIVERSE: PEMLR = 5 AND (PURETOT = 1 OR (PUWK = 3 AND PRTAGE >= 50) OR (PUABS = 3 AND PRTAGE >= 50) OR (PULAY = 3 AND PRTAGE >= 50)) VALID ENTRIES 1 YES 2 NO 3 HAS A JOB	200 - 201
PUDIS1	2	DOES YOUR DISABILITY PREVENT YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS? VALID ENTRIES 1 YES 2 NO	202 - 203
PUDIS2	2	DO YOU HAVE A DISABILITY THAT PREVENTS YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS?	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? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	206 - 207
PULAY	2	LAST WEEK, WERE YOU ON LAYOFF FROM A JOB? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	208 - 209
PEABSRSN	2	WHAT IS THE MAIN REASON YOU WERE ABSENT FROM WORK LAST WEEK? EDITED UNIVERSE: PEMLR = 2 VALID ENTRIES 1 ON LAYOFF 2 SLACK WORK/BUSINESS CONDITIONS 3 WAITING FOR A NEW JOB TO BEGIN 4 VACATION/PERSONAL DAYS 5 OWN ILLNESS/INJURY/MEDICAL PROBLEMS 6 CHILD CARE PROBLEMS 7 OTHER FAMILY/PERSONAL OBLIGATION 8 MATERNITY/PATERNITY LEAVE 9 LABOR DISPUTE 10 WEATHER AFFECTED JOB 11 SCHOOL/TRAINING 12 CIVIC/MILITARY DUTY 13 DOES NOT WORK IN THE BUSINESS 14 OTHER (SPECIFY)	210 - 211

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

NAME	SIZE	DESCRIPTION	LOCATION
		EDITED UNIVERSE: PEMJOT = 1 AND PEMLR = 1 OR 2	
		VALID ENTRIES	
		-4 HOURS VARY 0 MIN VALUE 99 MAX VALUE	
PEHRFTPT	2	DO YOU USUALLY WORK 35 HOURS OR MORE PER WEEK?	222 - 223
		EDITED UNIVERSE: PEHRUSL1 = -4 OR PEHRUSL2 = -4	
		VALID ENTRIES	
		1 YES 2 NO 3 HOURS VARY	
PEHRUSLT	3	SUM OF HRUSL1 AND HRUSL2.	224 - 226
		EDITED UNIVERSE: PEMLR = 1 OR 2	
		VALID ENTRIES	
		-4 VARIES 0 MIN VALUE 198 MAX VALUE	
PEHRWANT	2	DO YOU WANT TO WORK A FULL-TIME WORK WEEK OF 35 HOURS OR MORE PER WEEK?	227 - 228
		EDITED UNIVERSE: PEMLR = 1 AND (PEHRUSLT = 0-34 PEHRFTPT = 2)	
		VALID ENTRIES	
		1 YES 2 NO 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? EDITED UNIVERSE: PEHRWANT = 2 (PEMLR = 1 AND PEHRUSLT < 35) VALID ENTRIES 1 CHILD CARE PROBLEMS 2 OTHER FAMILY/PERSONAL OBLIGATIONS 3 HEALTH/MEDICAL LIMITATIONS 4 SCHOOL/TRAINING 5 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS 6 FULL-TIME WORKWEEK LESS THAN 35 HOURS 7 OTHER - SPECIFY	231 - 232
PEHRRSN3	2	WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK? EDITED UNIVERSE: PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2 (PEMLR = 1 AND PEHRUSLT = 35+) VALID ENTRIES 1 SLACK WORK/BUSINESS CONDITIONS 2 SEASONAL WORK 3 JOB STARTED OR ENDED DURING WEEK 4 VACATION/PERSONAL DAY 5 OWN ILLNESS/INJURY/MEDICAL APPOINTMENT 6 HOLIDAY (LEGAL OR RELIGIOUS) 7 CHILD CARE PROBLEMS 8 OTHER FAMILY/PERSONAL OBLIGATIONS	233 - 234

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

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

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

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION
PULAYCK3	2	CHECK ITEM 3 FILTER FOR DEPENDENT I & O VALID ENTRIES 1 MISCK = 5 GOTO IO1INT 2 I-ICR = 1 OR I-OCR = 1, GOTO IO1INT 3 ALL OTHERS GOTO SCHCK	292 - 293
PULK	2	HAVE YOU BEEN DOING ANYTHING TO FIND WORK DURING THE LAST 4 WEEKS? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	294 - 295
PELKM1	2	WHAT ARE ALL OF THE THINGS YOU HAVE DONE TO FIND WORK DURING THE LAST 4 WEEKS? (FIRST METHOD) EDITED UNIVERSE: PEMLR = 4 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	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 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
PULKM5	2	SAME AS PULKM2 (FIFTH METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	304 - 305
PULKM6	2	SAME AS PULKM2 (SIXTH METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 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	306 - 307
PULKDK1	2	YOU SAID YOU HAVE BEEN TRYING TO FIND WORK. HOW DID YOU GO ABOUT LOOKING? (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 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
PULKDK4	2	SAME AS PULKDK2 (FOURTH METHOD)	314 - 315
		<u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
PULKDK5	2	SAME AS PULKDK2 (FIFTH METHOD)	316 - 317
		<u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
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) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 12 NOTHING 13 OTHER PASSIVE	320 - 321
PULKPS2	2	ANYTHING ELSE? (SECOND METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION	322 - 323

NAME	SIZE	DESCRIPTION	LOCATION
		7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
PULKPS3	2	SAME AS PULKPS2 (THIRD METHOD)	324 - 325
		<u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
PULKPS4	2	SAME AS PULKPS2 (FOURTH METHOD)	326 - 327
		<u>VALID ENTRIES</u> 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
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 (SIXTH METHOD)	330 - 331
		VALID ENTRIES	
		1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW	
		2 CONTACTED PUBLIC EMPLOYMENT AGENCY	
		3 CONTACTED PRIVATE EMPLOYMENT AGENCY	
		4 CONTACTED FRIENDS OR RELATIVES	
		5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	
		6 SENT OUT RESUMES/FILLED OUT APPLICATION	
		7 CHECKED UNION/PROFESSIONAL REGISTERS	
		8 PLACED OR ANSWERED ADS	
		9 OTHER ACTIVE	
		10 LOOKED AT ADS	
		11 ATTENDED JOB TRAINING PROGRAMS/COURSES	
		13 OTHER PASSIVE	
PELKAVL	2	LAST WEEK, COULD YOU HAVE STARTED 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	
PELKLL1O	2	BEFORE YOU STARTED LOOKING FOR WORK, WHAT WERE YOU DOING: WORKING, GOING TO SCHOOL, OR SOMETHING ELSE? EDITED UNIVERSE: PELKAVL = 1-2 VALID ENTRIES 1 WORKING 2 SCHOOL 3 LEFT MILITARY SERVICE 4 SOMETHING ELSE	336 - 337
PELKLL2O	2	DID YOU LOSE OR QUIT THAT JOB, OR WAS IT A TEMPORARY JOB THAT ENDED? EDITED UNIVERSE: PELKLL1O = 1 OR 3 VALID ENTRIES 1 LOST JOB 2 QUIT JOB 3 TEMPORARY JOB ENDED	338 - 339
PELKLWO	2	WHEN LAST WORKED EDITED UNIVERSE: PELKLL1O = 1 - 4 VALID ENTRIES 1 WITHIN THE LAST 12 MONTHS 2 MORE THAN 12 MONTHS AGO 3 NEVER WORKED	340 - 341
PELKDUR	3	DURATION OF JOB SEEKING EDITED UNIVERSE: PELKLWO = 1 - 3	342 - 344

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 EDITED UNIVERSE: PELKDUR = 0-120 VALID ENTRIES 1 YES 2 NO 3 DOESN'T MATTER	345 - 346
PEDWWNTO	2	DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART TIME? EDITED UNIVERSE: PUDWCK1 = 3, 4, -1 VALID ENTRIES 1 YES, OR MAYBE, IT DEPENDS 2 NO 3 RETIRED 4 DISABLED 5 UNABLE	347 - 348
PEDWRSN	2	WHAT IS THE MAIN REASON YOU WERE NOT LOOKING FOR WORK DURING THE LAST 4 WEEKS? EDITED UNIVERSE: PUDWCK4 = 4, -1 VALID ENTRIES 1 BELIEVES NO WORK AVAILABLE IN AREA OF EXPERTISE 2 COULDN'T FIND ANY WORK 3 LACKS NECESSARY SCHOOLING/TRAINING 4 EMPLOYERS THINK TOO YOUNG OR TOO OLD 5 OTHER TYPES OF DISCRIMINATION 6 CAN'T ARRANGE CHILD CARE 7 FAMILY RESPONSIBILITIES	349 - 350

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

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

NAME	SIZE	DESCRIPTION	LOCATION
PUDWCK4	2	FILTER FOR PASSIVE JOB SEEKERS	369 - 370
		VALID ENTRIES	
		1 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKM1-LKM3 GOTO PUDWCK5	
		2 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKDK1-LKDK3 GOTO PUDWCK5	
		3 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKPS1-LKPS3 GOTO PUDWCK5	
		4 ALL OTHERS GOTO PUDWRSN	
PUDWCK5	2	FILTER FOR PASSIVE JOB SEEKERS	371 - 372
		VALID ENTRIES	
		1 IF ENTRY OF 1 IN LK THEN STORE 1 IN DWLKO AND GOTO PUDWWK	
		2 ALL OTHERS GOTO PUDWLK	
PEJHWKO	2	HAVE YOU WORKED AT A JOB OR BUSINESS AT ANY TIME DURING THE PAST 12 MONTHS?	373 - 374
		EDITED UNIVERSE: HRMIS = 4 or 8 AND PEMLR = 5, 6, AND 7	
		VALID ENTRIES	
		1 YES	
		2 NO	
PUJHDP1O	2	DID YOU DO ANY OF THIS WORK IN THE LAST 4 WEEKS?	375 - 376
		VALID ENTRIES	
		1 YES	
		2 NO	
PEJHRSN	2	WHAT IS THE MAIN REASON YOU LEFT 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 JOB COMPLETE 6 SLACK WORK/BUSINESS CONDITIONS 7 UNSATISFACTORY WORK ARRANGEMENTS (HRS, PAY, ETC.) 8 OTHER - SPECIFY	
PEJHWANT	2	DO YOU INTEND TO LOOK FOR WORK DURING THE NEXT 12 MONTHS? EDITED UNIVERSE: (PEJHWKO = 2) or (PEJHRSN = 1-8) VALID ENTRIES 1 YES, OR IT DEPENDS 2 NO	379 - 380
PUJHCK1	2	FILTER FOR OUTGOING ROTATIONS VALID ENTRIES 1 PURET1 = 1, -2, OR -3 THEN GOTO NLFCK2 2 IF MISCK EQUALS 4 OR 8 THEN GOTO PUJHCK2 3 ALL OTHERS GOTO PUNLFCK1	381 - 382
PUJHCK2	2	FILTER FOR PERSONS GOING THROUGH THE I AND O SERIES VALID ENTRIES 1 IF ENTRY OF 1 IN DWWK AND I-MLR= 3, 4 THEN STORE 1 IN JHWKO, STORE DW4WK IN JHDP1O AND GOTO PUJHRSN 2 IF ENTRY OF 2, D OR R IN DWWK THEN STORE DWWK IN JHWKO AND GOTO PUJHWANT 3 ALL OTHERS GOTO PUJHWK	383 - 384
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	387 - 388

EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

1 IN CIVILIAN LABOR FORCE
2 NOT IN CIVILIAN LABOR FORCE

PRDISC	2	DISCOURAGED WORKER RECODE	389 - 390

EDITED UNIVERSE: PRJOBSEA = 1-4

VALID ENTRIES

1 DISCOURAGED WORKER
2 CONDITIONALLY INTERESTED
3 NOT AVAILABLE

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

EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 USU. FT-SLACK WORK/BUSINESS CONDITIONS 2 USU. FT-SEASONAL WORK 3 USU. FT-JOB STARTED/ENDED DURING WEEK 4 USU. FT-VACATION/PERSONAL DAY 5 USU. FT-OWN ILLNESS/INJURY/MEDICAL APPOINTMENT 6 USU. FT-HOLIDAY (RELIGIOUS OR LEGAL) 7 USU. FT-CHILD CARE PROBLEMS 8 USU. FT-OTHER FAM/PERS OBLIGATIONS 9 USU. FT-LABOR DISPUTE 10 USU. FT-WEATHER AFFECTED JOB 11 USU. FT-SCHOOL/TRAINING 12 USU. FT-CIVIC/MILITARY DUTY 13 USU. FT-OTHER REASON 14 USU. PT-SLACK WORK/BUSINESS CONDITIONS 15 USU. PT-COULD ONLY FIND PT WORK 16 USU. PT-SEASONAL WORK 17 USU. PT-CHILD CARE PROBLEMS 18 USU. PT-OTHER FAM/PERS OBLIGATIONS 19 USU. PT-HEALTH/MEDICAL LIMITATIONS 20 USU. PT-SCHOOL/TRAINING 21 USU. PT-RETIRED/S.S. LIMIT ON EARNINGS 22 USU. PT-WORKWEEK <35 HOURS 23 USU. PT-OTHER REASON	
PRUNEDUR	3	DURATION OF UNEMPLOYMENT FOR LAYOFF AND LOOKING RECORDS EDITED UNIVERSE: PEMLR = 3-4 VALID ENTRIES 0 MIN VALUE 119 MAX VALUE Topcoded consistent with PELAYDUR or PELKDUR, as appropriate, starting April 2011.	407 - 409
FILLER	2		410 - 411
PRUNTYPE	2	REASON FOR UNEMPLOYMENT EDITED UNIVERSE: PEMLR = 3-4	412 - 413

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 JOB LOSER/ON LAYOFF 2 OTHER JOB LOSER 3 TEMPORARY JOB ENDED 4 JOB LEAVER 5 RE-ENTRANT 6 NEW-ENTRANT	
PRWKSCH	2	LABOR FORCE BY TIME WORKED OR LOST 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	414 - 415
PRWKSTAT	2	FULL/PART-TIME WORK STATUS 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	416 - 417
PRWNTJOB	2	NILF RECODE - WANT A JOB OR OTHER NILF EDITED UNIVERSE: PEMLR = 5-7	418 - 419

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 WANT A JOB 2 OTHER NOT IN LABOR FORCE	
PUJHCK3	2	JOB HISTORY CHECK ITEM	420 - 421
		VALID ENTRIES 1 IF I-MLR EQ 3 OR 4 THEN GOTO PUJHDP1 2 ALL OTHERS GOTO PUJHRSN	
PUJHCK4	2	SCREEN FOR DEPENDENT NILF	422 - 423
		VALID ENTRIES 1 IF ENTRY OF 2, D OR R IN PUDW4WK OR IN PUJHDP1O THEN GOTO PUJHCK5 2 IF ENTRY OF 1 IN PUDW4WK OR IN PUJHDP10 THEN GOTO PUIO1INT 3 IF I-MLR EQUALS 1 OR 2 AND ENTRY IN PUJHRSN THEN GOTO PUJHCK5 4 IF ENTRY IN PUJHRSN THEN GOTO PUIO1INT 5 ALL OTHERS GOTO PUNLFCK1	
PUJHCK5	2	SCREEN FOR DEPENDENT NILF	424 - 425
		VALID ENTRIES 1 IF I-IO1ICR EQUALS 1 OR I-IO1OCR EQUALS 1 THEN GOTO PUIO1INT 2 ALL OTHERS GOTO PUIOCK5	
PUIODP1	2	LAST MONTH, IT WAS REPORTED THAT YOU WORKED FOR (EMPLOYER'S NAME). DO STILL WORK FOR (EMPLOYER'S NAME) (AT YOUR MAIN JOB)?	426 - 427
		VALID ENTRIES 1 YES 2 NO	
PUIODP2	2	HAVE THE USUAL ACTIVITIES AND DUTIES OF YOUR JOB CHANGED SINCE LAST MONTH?	428 - 429

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? VALID ENTRIES 1 YES 2 NO	430 - 431
PEIO1COW	2	INDIVIDUAL CLASS OF WORKER CODE ON FIRST JOB NOTE: A PEIO1COW CODE CAN BE ASSIGNED EVEN IF AN INDIVIDUAL IS NOT CURRENTLY EMPLOYED. EDITED UNIVERSE: (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1)) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND (PENLFJH = 1 OR PEJHWKO = 1)) VALID ENTRIES 1 GOVERNMENT - FEDERAL 2 GOVERNMENT - STATE 3 GOVERNMENT - LOCAL 4 PRIVATE, FOR PROFIT 5 PRIVATE, NONPROFIT 6 SELF-EMPLOYED, INCORPORATED 7 SELF-EMPLOYED, UNINCORPORATED 8 WITHOUT PAY	432 - 433
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. NOTE: FOR THOSE SELF-EMPLOYED UNINCORPORATED ON THEIR FIRST JOB, THIS SHOULD HAVE A RESPONSE EVERY MONTH. FOR ALL OTHERS, THIS SHOULD ONLY HAVE A VALUE IN OUT-GOING ROTATIONS. EDITED UNIVERSE: PRIOELG = 1 and PEMJOT = 1 AND HRMIS = 4,8 VALID ENTRIES 1 GOVERNMENT - FEDERAL 2 GOVERNMENT - STATE 3 GOVERNMENT - LOCAL 4 PRIVATE, FOR PROFIT 5 PRIVATE, NONPROFIT 6 SELF-EMPLOYED, INCORPORATED 7 SELF-EMPLOYED, UNINCORPORATED 8 WITHOUT PAY	442 - 443
PUIO2MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE? VALID ENTRIES 1 MANUFACTURING 2 RETAIL TRADE 3 WHOLESALE TRADE 4 SOMETHING ELSE	444 - 445
PADDING	6	Second Job I & O codes moved to columns 864 - 871	446 - 451
PUIOCK1	2	I & O CHECK ITEM 1 SCREEN FOR DEPENDENT I AND O	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 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 ELIGIBILITY FLAG	458 - 459
		EDITED UNIVERSE: PEMLR = 1-3, OR (PEMLR = 4 AND PELKLWO = 1 OR 2) OR (PEMLR = 5 AND (PEJHWKO = 1 OR PENLFJH=1), OR (PEMLR = 6 AND PENLFJH = 1), OR PEMLR = 7 AND PEJHWKO = 1)	
		VALID ENTRIES	
		0 NOT ELIGIBLE FOR EDIT	
		1 ELIGIBLE FOR EDIT	

NAME	SIZE	DESCRIPTION	LOCATION
PRAGNA	2	AGRICULTURE/ NON-AGRICULTURE INDUSTRY EDITED UNIVERSE: PRIOELG = 1 VALID ENTRIES 1 AGRICULTURAL 2 NON-AGRICULTURAL	460 - 461
PRCOW1	2	CLASS OF WORKER RECODE - JOB 1 EDITED UNIVERSE: PRIOELG = 1 VALID ENTRIES 1 FEDERAL GOVT 2 STATE GOVT 3 LOCAL GOVT 4 PRIVATE (INCL. SELF-EMPLOYED INCORP.) 5 SELF-EMPLOYED, UNINCORP. 6 WITHOUT PAY	462 - 463
PRCOW2	2	CLASS OF WORKER RECODE - JOB 2 EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8 VALID ENTRIES 1 FEDERAL GOVT 2 STATE GOVT 3 LOCAL GOVT 4 PRIVATE (INCL. SELF-EMPLOYED INCORP.) 5 SELF-EMPLOYED, UNINCORP. 6 WITHOUT PAY	464 - 465
PRCOWPG	2	COW - PRIVATE OR GOVERNMENT 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 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	468 - 469
PRDTCOW2	2	DETAILED CLASS OF WORKER RECODE - JOB 2 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	470 - 471
PRDTIND1	2	DETAILED INDUSTRY RECODE - JOB 1 EDITED UNIVERSE: PRIOELG = 1	472 - 473

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 EDITED UNIVERSE: PRIOELG = 1 <u>VALID ENTRIES</u> 1 Management occupations 2 Business and financial operations occupations 3 Computer and mathematical science occupations 4 Architecture and engineering occupations 5 Life, physical, and social science occupations 6 Community and social service occupations	476 - 477

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

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

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	
PRMJOCC1	2	MAJOR OCCUPATION RECODE - JOB 1 EDITED UNIVERSE: PRDTOCC1 = 1-46 VALID ENTRIES 1 Management, business, and financial occupations 2 Professional and related occupations 3 Service occupations 4 Sales and related occupations 5 Office and administrative support occupations 6 Farming, fishing, and forestry occupations 7 Construction and extraction occupations 8 Installation, maintenance, and repair occupations 9 Production occupations 10 Transportation and material moving occupations 11 Armed Forces	486 - 487
PRMJOCC2	2	MAJOR OCCUPATION RECODE - JOB 2 EDITED UNIVERSE: PRDTOCC2 = 1-46	488 - 489

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 EDITED UNIVERSE: PRMJOCC = 1-11 VALID ENTRIES 1 Management, professional, and related occupations 2 Service occupations 3 Sales and office occupations 4 Farming, fishing, and forestry occupations 5 Construction, and maintenance occupations 6 Production, transportation, and material moving occupations 7 Armed Forces	490 - 491
PRNAGPWS	2	NON-AGRICULTURE, PRIVATE WAGE AND SALARY WORKERS RECODE EDITED UNIVERSE: PRCOW1 = 1 AND PEIO1ICD ne 0170 - 0890 VALID ENTRY 1 NON-AG PRIV WAGE & SALARY	492 - 493
PRNAGWS	2	NON-AGRICULTURE WAGE AND SALARY WORKERS RECODE EDITED UNIVERSE: PEMLR = 1-4 AND PRCOW = 1-4 AND PEIO1ICD ne 0170-0290	494 - 495

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRY 1 NON-AG WAGE AND SALARY WORKERS	
PRSJMJ		2 SINGLE/MULTIPLE JOBHOLDER RECODE	496 - 497
		EDITED UNIVERSE: PEMLR = 1 OR 2 VALID ENTRIES 1 SINGLE JOBHOLDER 2 MULTIPLE JOBHOLDER	
PRERELG	2	EARNINGS ELIGIBILITY FLAG	498 - 499
		EDITED UNIVERSE: PEMLR = 1-2 AND HRMIS = 4 OR 8 VALID ENTRIES 0 NOT ELIGIBLE FOR EDIT 1 ELIGIBLE FOR EDIT	
PEERNUOT	2	DO YOU USUALLY RECEIVE OVERTIME PAY, TIPS, OR COMMISSIONS AT YOUR JOB?	500 - 501
		EDITED UNIVERSE: PRERELG = 1 VALID ENTRIES 1 YES 2 NO	
PEERNPER	2	PERIODICITY	502 - 503
		EDITED UNIVERSE: PRERELG = 1 VALID ENTRIES 1 HOURLY 2 WEEKLY 3 BI-WEEKLY 4 TWICE MONTHLY 5 MONTHLY 6 ANNUALLY 7 OTHER – SPECIFY	

NAME	SIZE	DESCRIPTION	LOCATION
PEERNRT	2	(EVEN THOUGH YOU TOLD ME IT IS EASIER TO REPORT YOUR EARNINGS (PERIODICITY); ARE YOU PAID AT AN HOURLY RATE ON YOUR (MAIN/THIS) JOB? EDITED UNIVERSE: PEERNPER = 2-7 VALID ENTRIES 1 YES 2 NO	504 - 505
PEERNHRY	2	HOURLY/NONHOURLY STATUS EDITED UNIVERSE: PRERELG = 1 VALID ENTRIES 1 HOURLY WORKER 2 NONHOURLY WORKER	506 - 507
PUERNH1C	4	WHAT IS YOUR HOURLY RATE OF PAY ON THIS JOB, EXCLUDING OVERTIME PAY, TIPS OR COMMISSION? DOLLAR AMOUNT - 2 IMPLIED DECIMALS VALID ENTRIES 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PUERNHIC < or = 2884.61)	508 - 511
PEERNH2	4	(EXCLUDING OVERTIME PAY, TIPS AND COMMISSIONS) WHAT IS YOUR HOURLY RATE OF PAY ON YOUR (MAIN/THIS) JOB? DOLLAR AMOUNT - 2 IMPLIED DECIMALS EDITED UNIVERSE: PEERNRT = 1 VALID ENTRIES 0 MIN VALUE 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
PEERNH1O	4	OUT VARIABLE FOR HOURLY RATE OF PAY (2 IMPLIED DECIMALS) EDITED UNIVERSE: PEERNPER = 1 <u>VALID ENTRIES</u> 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)	516 - 519
PRERNHLY	4	RECODE FOR HOURLY RATE 2 IMPLIED DECIMALS EDITED UNIVERSE: PEERNPER = 1 OR PEERNRT = 1 <u>VALID ENTRIES</u> 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)	520 - 523
PTHR	1	HOURLY PAY - TOP CODE <u>VALID ENTRIES</u> 0 NOT TOPCODED 1 TOPCODED	524 - 524
PEERNHRO	2	USUAL HOURS EDITED UNIVERSE: PEERNH1O = ENTRY <u>VALID ENTRIES</u> 0 MIN VALUE 99 MAX VALUE	525 - 526
PRERNWA	8	WEEKLY EARNINGS RECODE 2 IMPLIED DECIMALS EDITED UNIVERSE: PRERELG = 1	527 - 534

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 0 MIN VALUE 288461 MAX VALUE	
PTWK	1	WEEKLY EARNINGS - TOP CODE 0 NOT TOPCODED 1 TOPCODED	535 - 535
FILLER	4		536 - 539
PEERN	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS EDITED UNIVERSE: PEERNUOT = 1 AND PEERNPER = 1 VALID ENTRIES 0 MIN VALUE 288461 MAX VALUE	540 - 547
PUERN2	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS VALID ENTRIES 0 MIN VALUE 288461 MAX VALUE	548 - 555
PTOT	1	WEEKLY OVERTIME AMOUNT - TOP CODE VALID ENTRIES 0 NOT TOPCODED 1 TOPCODED	556 - 556
FILLER	2		557 - 558
PEERNWKP	2	HOW MANY WEEKS A YEAR DO YOU GET PAID FOR? EDITED UNIVERSE: PEERNPER = 6	559 - 560

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

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? EDITED UNIVERSE: (PRTAGE = 14-49) or (PENLFRET = 2) VALID ENTRIES 1 DISABLED 2 ILL 3 IN SCHOOL 4 TAKING CARE OF HOUSE OR FAMILY 5 IN RETIREMENT 6 SOMETHING ELSE/OTHER	569 - 570
PUNLFCK1	2	NOT IN LABOR FORCE CHECK ITEM - 1 VALID ENTRIES 1 IF AGERNG EQUALS 1-4 OR 9 THEN GOTO NLFACT 2 ALL OTHERS GOT NLFRET	571 - 572
PUNLFCK2	2	NOT IN LABOR FORCE CHECK ITEM - 2 VALID ENTRIES 1 IF MISCK EQUALS 4 OR 8 THEN GOTO NLFJH 2 ALL OTHERS GOTO LBFR-END	573 - 574
PESCHENR	2	LAST WEEK, WERE YOU ENROLLED IN A HIGH SCHOOL, COLLEGE, OR UNIVERSITY? EDITED UNIVERSE: PRPERTYP = 2 and PRTAGE = 16-54	575 - 576

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

NAME	SIZE	DESCRIPTION	LOCATION
PWLGWGT	10	LONGITUDINAL WEIGHT (4 IMPLIED DECIMALS) ONLY FOUND ON ADULT RECORDS MATCHED FROM MONTH TO MONTH. (USED FOR GROSS FLOWS ANALYSIS) EDITED UNIVERSE: PRPERTYP = 2	593 - 602
PWORWGT	10	OUTGOING ROTATION WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING INFORMATION COLLECTED ONLY IN OUTGOING ROTATIONS (i.e., EARNINGS, 2nd JOB I & O, DETAILED NILF) EDITED UNIVERSE: PRPERTYP = 2	603 - 612
PWSSWGT	10	FINAL WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR MOST TABULATIONS, CONTROLLED TO INDEPENDENT ESTIMATES FOR 1) STATES; 2) ORIGIN, SEX, AND AGE; AND 3) AGE, RACE, AND SEX. EDITED UNIVERSE: PRPERTYP = 1-3	613 - 622
PWVETWGT	10	VETERANS WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING VETERAN'S DATA ONLY, CONTROLLED TO ESTIMATES OF VETERANS SUPPLIED BY VA. EDITED UNIVERSE: PRPERTYP = 2	623 - 632
PRCHLD	2	PRESENCE OF OWN CHILDREN <18 YEARS OF AGE BY SELECTED AGE GROUP EDITED UNIVERSE: PRFAMREL = 1 or 2 <u>VALID ENTRIES</u> -1 NIU (Not a parent) 0 No own children under 18 years of age 1 All own children 0- 2 years of age 2 All own children 3- 5 years of age 3 All own children 6-13 years of age 4 All own children 14-17 years of age 5 Own children 0- 2 and 3- 5 years of age (none 6-17) 6 Own children 0- 2 and 6-13 years of age (none 3- 5 or 14-17)	633-634

NAME	SIZE	DESCRIPTION	LOCATION
		7 Own children 0- 2 and 14-17 years of age (none 3-13) 8 Own children 3- 5 and 6-13 years of age (none 0- 2 or 14-17) 9 Own children 3- 5 and 14-17 years of age (none 0- 2 or 6-13) 10 Own children 6-13 and 14-17 years of age (none 0- 5) 11 Own children 0- 2, 3- 5, and 6-13 years of age (none 14-17) 12 Own children 0- 2, 3- 5, and 14-17 years of age (none 6-13) 13 Own children 0- 2, 6-13, and 14-17 years of age (none 3- 5) 14 Own children 3- 5, 6-13, and 14-17 years of age (none 0- 2) 15 Own children from all age groups	
PRNMCHLD	2	Number of own children <18 years of age	635-636

EDITED UNIVERSE: PRFAMREL = 1 or 2

VALID ENTRIES

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

ALLOCATIONFLAGS
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 WEEKLY EARNINGS RECODE (PRERNWA) ALLOCATION FLAG EDITED UNIVERSE: PRERELG = 1 1 NO ALLOCATION 2 ONE OR MORE COMPONENTS OF THE RECODE ARE ALLOCATED	639 - 640
PRHERNAL	2	ALLOCATION FLAG HOURLY EARNINGS RECODE (PRERNHLY) ALLOCATION FLAG EDITED UNIVERSE: PRERNHRY = 1 1 NO ALLOCATION 2 ONE OR MORE COMPONENT OF THE RECODE ARE ALLOCATED	641 - 642
HXTENURE	2	ALLOCATION FLAG See HETENURE note.	643 - 644
HXHOUSUT	2	ALLOCATION FLAG	645 - 646
HXTELHHD	2	ALLOCATION FLAG	647 - 648
HXTELAVL	2	ALLOCATION FLAG	649 - 650
HXPHONEO	2	ALLOCATION FLAG	651 - 652
PXINUSYR	2	ALLOCATION FLAG	653 - 654
PXRRP	2	ALLOCATION FLAG	655 - 656
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
PXERNH1O	2	ALLOCATION FLAG	781 - 782
PXERNHRO	2	ALLOCATION FLAG	783 - 784
PXERN	2	ALLOCATION FLAG	785 - 786
PXPDEMP2	2	ALLOCATION FLAG	787 - 788
PXNMEMP2	2	ALLOCATION FLAG	789 - 790
PXERNWKP	2	ALLOCATION FLAG	791 - 792
PXERNRT	2	ALLOCATION FLAG	793 - 794
PXERNHRY	2	ALLOCATION FLAG	795 – 796

NAME	SIZE	DESCRIPTION	LOCATION
PXERNH2	2	ALLOCATION FLAG	797 - 798
PXERNLAB	2	ALLOCATION FLAG	799 - 800
PXERNCOV	2	ALLOCATION FLAG	801 - 802
PXNLFJH	2	ALLOCATION FLAG	803 - 804
PXNLFRET	2	ALLOCATION FLAG	805 - 806
PXNLFACT	2	ALLOCATION FLAG	807 - 808
PXSCHENR	2	ALLOCATION FLAG	809 - 810
PXSCHFT	2	ALLOCATION FLAG	811 - 812
PXSCHLVL	2	ALLOCATION FLAG	813 - 814
QSTNUM	5	Unique household identifier. Valid only within any specific month.	815 - 819
OCCURNUM	2	Unique person identifier. Valid only within any specific month.	820 - 821
PEDIPGED	2	How did...get...'s high school diploma? EDITED UNIVERSE = PEEDUCA = 39 <u>VALID ENTRIES</u> 1 Graduation from high school 2 GED or other equivalent	822 - 823
PEHGCOMP	2	What was the highest grade of regular school...completed before receiving...'s GED? EDITED UNIVERSE = PEDIPGED = 2 <u>VALID ENTRIES</u> 1 Less than 1st grade 2 1st, 2nd, 3rd, or 4th grade 3 5th or 6th grade 4 7th or 8th grade 5 9th grade	824 - 825

NAME	SIZE	DESCRIPTION	LOCATION
		6 10th grade 7 11th grade 8 12th grade (no diploma)	
PECYC	2	How many years of college credit has...completed? EDITED UNIVERSE: PEEDUCA =40-42 <u>VALID ENTRIES</u> 1 Less than 1 year (includes 0 years completed) 2 The first or Freshman year 3 The second or Sophomore year 4 The third or Junior year 5 Four or more years	826 - 827
PADDING	6		828 - 833
PXDIPGED	2	ALLOCATION FLAG	834 - 835
PXHGCOMP	2	ALLOCATION FLAG	836 - 837
PXCYC	2	ALLOCATION FLAG	838 - 839
PADDING	6		840 - 845
PWCMPWGT	10	Composited Final Weight. Used to create BLS's published labor force statistics (4 implied decimal places) EDITED UNIVERSE: PRPERTYP = 2 AND PRTAGE = 16+	846 - 855
PEIO1ICD	4	INDUSTRY CODE FOR PRIMARY JOB EDITED UNIVERSE: (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1)) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND PEJHWKO=1)	856 - 859

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

NAME	SIZE	DESCRIPTION	LOCATION
		4 MANUFACTURING - DURABLE GOODS 5 MANUFACTURING - NON-DURABLE GOODS 6 WHOLESALE TRADE 7 RETAIL TRADE 8 TRANSPORTATION AND WAREHOUSING 9 UTILITIES 10 INFORMATION 11 FINANCE AND INSURANCE 12 REAL ESTATE AND RENTAL AND LEASING 13 PROFESSIONAL AND TECHNICAL SERVICES 14 MANAGEMENT, ADMINISTRATIVE AND WASTE MANAGEMENT SERVICES 15 EDUCATIONAL SERVICES 16 HEALTH CARE AND SOCIAL SERVICES 17 ARTS, ENTERTAINMENT, AND RECREATION 18 ACCOMMODATION AND FOOD SERVICES 19 PRIVATE HOUSEHOLDS 20 OTHER SERVICES, EXCEPT PRIVATE HOUSEHOLDS 21 PUBLIC ADMINISTRATION 22 ARMED FORCES	
PRIMIND2	2	INTERMEDIATE INDUSTRY RECODE (JOB 2)	874 - 875
		EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8	
		<u>VALID ENTRIES</u>	
		1 AGRICULTURE, FORESTRY, FISHING, and HUNTING 2 MINING 3 CONSTRUCTION 4 MANUFACTURING - DURABLE GOODS 5 MANUFACTURING - NON-DURABLE GOODS 6 WHOLESALE TRADE 7 RETAIL TRADE 8 TRANSPORTATION AND WAREHOUSING 9 UTILITIES 10 INFORMATION 11 FINANCE AND INSURANCE 12 REAL ESTATE AND RENTAL AND LEASING 13 PROFESSIONAL AND TECHNICAL SERVICES 14 MANAGEMENT, ADMINISTRATIVE AND WASTE MANAGEMENT SERVICES 15 EDUCATIONAL SERVICES 16 HEALTH CARE AND SOCIAL SERVICES	

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	
		VALID ENTRIES	
		-1 NO MOTHER PRESENT 01 MIN VALUE 16 MAX VALUE	
PEPAR2TYP	2	TYPE OF FATHER	890 – 891
		EDITED UNVERSE: ALL	
		-1 NO FATHER PRESENT 1 BIOLOGICAL 2 STEP 3 ADOPTED	
PEPAR1TYP	2	TYPE OF MOTHER	892 - 893
		EDITED UNVERSE: ALL	
		-1 NO MOTHER PRESENT 1 BIOLOGICAL 2 STEP 3 ADOPTED	
PECOHAB	2	LINE NUMBER OF COHABITING PARTNER	894 - 895
		EDITED UNIVERSE: ALL	
		VALID ENTRIES	
		-1 NO PARTNER PRESENT 01 MIN VALUE 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? EDITED UNIVERSE: PRPERTYP = 2 <u>VALID ENTRIES</u> 1 Yes 2 No	906 - 907
PEDISEYE	2	IS…BLIND OR DOES…HAVE SERIOUS DIFFICULTY SEEING EVEN WHEN WEARING GLASSES? EDITED UNIVERSE: PRPERTYP = 2 <u>VALID ENTRIES</u> 1 Yes 2 No	908 - 909
PEDISREM	2	BECAUSE OF A PHYSICAL, MENTAL, OR EMOTIONAL CONDITION, DOES…HAVE SERIOUS DIFFICULTY CONCENTRATING, REMEMBERING, OR MAKING DECISIONS? EDITED UNIVERSE: PRPERTYP = 2 <u>VALID ENTRIES</u> 1 Yes 2 No	910 - 911
PEDISPHY	2	DOES…HAVE SERIOUS DIFFICULTY WALKING OR CLIMBING STAIRS? EDITED UNIVERSE: PRPERTYP = 2	912 - 913

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 Yes 2 No	
PEDISDRS	2	DOES … HAVE DIFFICULTY DRESSING OR BATHING? EDITED UNIVERSE: PRPERTYP = 2 VALID ENTRIES 1 Yes 2 No	914 - 915
PEDISOUT	2	BECAUSE OF A PHYSICAL, MENTAL, OR EMOTIONAL CONDITION DOES…HAVE DIFFICULTY DOING ERRANDS ALONE SUCH AS VISITING A DOCTOR'S OFFICE OR SHOPPING? EDITED UNIVERSE: PRPERTYP = 2 VALID ENTRIES 1 Yes 2 No	916 - 917
PRDISFLG	2	DOES THIS PERSON HAVE ANY OF THESE DISABILITY CONDITIONS? EDITED UNIVERSE: PEDISEAR OR PEDISEYE OR PEDISREM, PEDISPHY OR PEDISDRS OR PEDISOUT = 1 VALID ENTRIES: 1 Yes 2 No	918 - 919
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 EDITED UNIVERSE: PTDTRACE = 4 <u>VALID ENTRIES</u> 1 = Asian Indian 2 = Chinese 3 = Filipino 4 = Japanese 5 = Korean 6 = Vietnamese 7 = Other	934 – 935
PEPDEMP1	2	DOES THIS PERSON USUALLY HAVE ANY PAID EMPLOYEES? See location 637-638 for the allocation flag. EDITED UNIVERSE: HRMIS = 3 or 4 and PEIO1COW = 6 or 7 <u>VALID ENTRIES</u> 1 YES 2 NO	936 - 937
PTNMEMP1	2	EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE? See location 681-682 for the allocation flag.	938-939

NAME	SIZE	DESCRIPTION	LOCATION
		EDITED UNIVERSE: PEPDEMP1 = 1 VALID ENTRIES 01-74 Number of employees 75 75 or more employees Note that this item is topcoded at 75 employees.	
PEPDEMP2	2	DOES THIS PERSON USUALLY HAVE ANY PAID EMPLOYEES? See location 787-788 for the allocation flag. EDITED UNIVERSE: HRMIS = 3 or 4 and PEIO1COW = 6 or 7 VALID ENTRIES 1 YES 2 NO	940 - 941
PTNMEMP2	2	EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE? See location 789-790 for the allocation flag. EDITED UNIVERSE: PEPDEMP1 = 1 VALID ENTRIES 01-09 Number of employees 10 10 or more employees Note that this item is topcoded at 10 employees.	942 - 943
PECERT1	2	DO YOU HAVE A CURRENTLY ACTIVE PROFESSIONAL CERTIFICATE OR A STATE OR INDUSTRY LICENSE? See location 950-951 for the allocation flag.	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? See location 952-953 for the allocation flag. EDITED UNIVERSE: PECERT1 = 1 VALID ENTRIES 1 YES 2 NO	946 - 947
PECERT3	2	IS YOUR CERTIFICATION REQUIRED FOR YOUR JOB? MAIN JOB? JOB FROM WHICH YOU ARE ON LAYOFF? JOB AT WHICH YOU LAST WORKED? See location 954-955 for the allocation flag. EDITED UNIVERSE: PECERT2 = 1 VALID ENTRIES 1 YES 2 NO	948 - 949
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
November 2020 Current Population Survey
Voting and Registration Supplement

NAME	SIZE	DESCRIPTION	LOCATION
PES1	2	In any election, some people are not able to vote because they are sick or busy or have some other reason, and others do not want to vote. Did (you/name) vote in the election held on Tuesday, November 3, 2020? EDITED UNIVERSE: PRTAGE >=18 and PRCITSHP = 1, 2, 3, or 4 VALID ENTRIES: 1 Yes 2 No -1 Not in Universe -2 Don't Know -3 Refused -9 No Response	1001-1002
PES2	2	(Were you/Was name) registered to vote in the November 3, 2020 election? EDITED UNIVERSE: PES1 = 2, -2, -3, -9 VALID ENTRIES: 1 Yes 2 No -1 Not in Universe -2 Don't Know -3 Refused -9 No Response	1003-1004

PES3	2	Which of the following was the MAIN reason (you/name) (were/was) not registered to vote? EDITED UNIVERSE: PES2 = 2 VALID ENTRIES: 1 Did not meet registration deadlines 2 Did not know where or how to register 3 Did not meet residency requirements/did not live here long enough 4 Permanent illness or disability 5 Concerns about the coronavirus (COVID-19) pandemic 6 Difficulty with English 7 Not interested in the election or not involved in politics 8 My vote would not make a difference 9 Not eligible to vote 10 Other reason -1 Not in Universe -2 Don't know -3 Refused -9 No Response	1005-1006
PES4	2	What was the main reason (you/name) did not vote? EDITED UNIVERSE: PES1 = 2 and PES2 = 1 VALID ENTRIES: 1 Out of town or away from home 2 Forgot to vote (or send in absentee ballot) 3 Concerns about the coronavirus (COVID-19) pandemic 4 Illness or disability (own or family's) 5 Not interested, felt my vote wouldn't make a difference 6 Too busy, conflicting work or school schedule 7 Transportation problems	1007-1008

		8 Didn't like candidates or campaign issues 9 Registration problems (i.e. didn't receive absentee ballot, not registered in current location) 10 Bad weather conditions 11 Inconvenient hours, polling place or hours or lines too long 12 Other -1 Not in Universe -2 Don't know -3 Refused -9 No Response	
PES5	2	Did (you/he/she) vote in person or did (you/he/she) vote by mail? EDITED UNIVERSE: PES1 = 1 VALID ENTRIES: 1 In person 2 By mail -1 Not in Universe -2 Don't know -3 Refused -9 No Response	1009-1010
PES6	2	Was that on election day or before election day? EDITED UNIVERSE: PES5 = 1,2,-2,-3, -9 VALID ENTRIES: 1 On election day 2 Before election day -1 Not in Universe -2 Don't know -3 Refused	1011-1012

-9 No Response

PES7	2	There are various places and ways people can register to vote. The last time (you/name) registered, how did (you/name) register to vote? EDITED UNIVERSE: PES1 = 1 or PES2 = 1 VALID ENTRIES: 1 At a department of motor vehicles (for example, when obtaining a driver's license or other identification card) 2 At a public assistance agency (for example, a Medicaid, AFDC, or Food Stamps office, an office serving disabled persons, or an unemployment office) 3 Registered by mail 4 Registered using the internet or online 5 At a school, hospital, or on campus 6 Went to a town hall or county/government registration office 7 Filled out form at a registration drive (library, post office, or someone came to your door) 8 Registered at polling place (on election or primary day) 9 Other -1 Not in Universe -2 Don't know -3 Refused -9 No Response	1013-1014
PRS8	2	How long (have you/has name) lived at this address? EDITED UNIVERSE: PRTAGE >= 18 and PRCITSHP = 1, 2, 3, or 4 VALID ENTRIES: 1 Less than 1 year	1015-1016

2 1-2 years
3 3-4 years
4 5 years or longer
-1 Not in Universe
-2 Don't know
-3 Refused
-9 No Response

PUSCK4	2	INTERVIEWER CHECK ITEM - Who reported for this person?	1017-1018

EDITED UNIVERSE:

PES8 = 1-6, -2,-3,-9

VALID ENTRIES:

1 Self
2 Other
-1 Not in Universe

Attachment 8

SUPPLEMENT QUESTIONNAIRE

November 2020 Voting and Registration Supplement

SCK1 If AGE >= 18 go to SCK2,
Else, go to next person.

SCK2 IF PRCITSHP = 1-4, go to PRESUP.
Else, go to next person.

PRESUP This month we have some questions concerning voting and registration.

S1 In any election, some people are not able to vote because they are sick or busy or have some other reason, and others do not want to vote. Did (you/name) vote in the election held on Tuesday, November 3, 2020?

(1) Yes (Go to S5)
(2) No (Go to S2)

Blind display:
(D) Don't know (Go to S2)
(R) Refused (Go to S2)

S2 (Were you/Was name) registered to vote in the November 3, 2020 election?

(1) Yes (Go to SCK3)
(2) No (Go to S3)

Blind display:
(D) Don't know (Go to S8)
(R) Refused (Go to S8)

SCK3 If S1 = 2, go to S4.
Else, go to S7.

S3 Which of the following was the MAIN reason (you/name) (was/were) not registered to vote?

[READ EACH ANSWER CATEGORY TO THE RESPONDENT. Enter only ONE answer.]

(1) Did not meet registration deadlines
(2) Did not know where or how to register
(3) Did not meet residency requirements/did not live here long enough
(4) Permanent illness or disability
(5) Concerns about the coronavirus (COVID-19) pandemic
(6) Difficulty with English
(7) Not interested in the election or not involved in politics
(8) My vote would not make a difference
(9) Not eligible to vote
(10) Other reason _

Blind display:
(D) Don't know
(R) Refused

(For entries 1-10, D or R, Go to S8)

S4 What was the main reason (you/name) did not vote?

[READ EACH ANSWER CATEGORY TO THE RESPONDENT. Enter only ONE answer.]

(1) Out of town or away from home
(2) Forgot to vote (or send in absentee ballot)
(3) Concerns about the coronavirus (COVID-19) pandemic
(4) Illness or disability (own or family's)
(5) Not interested, felt my vote wouldn't make a difference
(6) Too busy, conflicting work or school schedule
(7) Transportation problems
(8) Didn't like candidates or campaign issues
(9) Registration problems (i.e. didn't receive absentee ballot, not registered in current location)
(10) Bad weather conditions
(11) Inconvenient hours, polling place or hours or lines too long
(12) Other_____

Blind display:
(D) Don't know
(R) Refused

(For entries 1-12, D or R, Go to S7)

S5 Did (you/he/she) vote in person or did (you/he/she) vote by mail?

(1) In person (Go to S6)
(2) By mail (Go to S6)

Blind display:
(D) Don't know (Go to S6)
(R) Refused (Go to S6)

S6 Was that on election day or before election day?

(1) On election day (Go to S7)
(2) Before election day (Go to S7)

Blind display:
(D) Don't know (Go to S7)
(R) Refused (Go to S7)

S7 There are various places and ways people can register to vote.
The last time (you/name) registered, how did (you/name) register to vote?

[READ EACH ANSWER CATEGORY TO THE RESPONDENT. Enter only ONE answer.]

(1) At a department of motor vehicles (for example, when obtaining a driver's license or other identification card)
(2) At a public assistance agency (for example, a Medicaid, AFDC, or Food Stamps office, an office serving disabled persons, or an unemployment office)
(3) Registered by mail
(4) Registered using the internet or online
(5) At a school, hospital, or on campus
(6) Went to a town hall or county/government registration office
(7) Filled out form at a registration drive (library, post office, or someone came to your door)
(8) Registered at polling place (on election or primary day)
(9) Other_____

Blind display:
(D) Don't know
(R) Refused

(For entries 1-8, D, or R, skip to S8)

S8 How long (have you/has name) lived at this address?

(1) Less than 1 month
(2) 1-6 months
(3) 7-11 months
(4) 1-2 years
(5) 3-4 years
(6) 5 years or longer

Blind display:
(D) Don't know
(R) Refused

SCK4 *** DO NOT READ TO RESPONDENT ***

Who reported for this person?

(1) Self
(2) Other

(Go to next person; else, end supplement.)

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 the Person record.

Note: The Census industry codes and NAICS codes are based on the 2017 North American Industry Classification System.

CENSUS CODE	DESCRIPTION	NAICS CODE
	Agriculture, Forestry, Fishing, and Hunting	
0170	Crop production	111
0180	Animal production	112
0190	Forestry except logging	1131, 1132
0270	Logging	1133
0280	Fishing, hunting, and trapping	114
0290	Support activities for agriculture and forestry	115
	Mining	
0370	Oil and gas extraction	211
0380	Coal mining	2121
0390	Metal ore mining	2122
0470	Nonmetallic mineral mining and quarrying and not specified type of mining	Part of 21
0490	Support activities for mining	213
	Utilities	
0570	Electric power generation, transmission and distribution	Pt. 2211
0580	Natural gas distribution	Pt. 2212
0590	Electric and gas, and other combinations	Pts. 2211, 2212
0670	Water, steam, air-conditioning, and irrigation systems	22131, 22133
0680	Sewage treatment facilities	22132
0690	Not specified utilities	Part of 22

CENSUS CODE	DESCRIPTION	NAICS CODE
	Construction	
0770	** Construction (Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction)	23
	Manufacturing **Nondurable Goods manufacturing**	
1070	Animal food, grain and oilseed milling	3111, 3112
1080	Sugar and confectionery products	3113
1090	Fruit and vegetable preserving and specialty food manufacturing	3114
1170	Dairy product manufacturing	3115
1180	Animal slaughtering and processing	3116
1190	Retail bakeries	311811
1270	Bakeries, except retail	3118 exc. 311811
1280	Seafood and other miscellaneous foods, n.e.c.	3117, 3119
1290	Not specified food industries	Part of 311
1370	Beverage manufacturing	3121
1390	Tobacco manufacturing	3122
1470	Fiber, yarn, and thread mills	3131
1480	Fabric mills, except knitting	3132 exc. 31324
1490	Textile and fabric finishing and coating mills	3133
1570	Carpet and rug mills	31411
1590	Textile product mills, except carpets and rugs	314 exc. 31411
1670	Knitting mills	31324, 3151
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, 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

CENSUS CODE	DESCRIPTION	NAICS CODE
	Durable Goods Manufacturing	
2470	Pottery, ceramics, and related products manufacturing	32711
2480	Structural clay product manufacturing	32712
2490	Glass and glass product manufacturing	3272
2570	Cement, concrete, lime, and gypsum product manufacturing	3273, 3274
2590	Miscellaneous nonmetallic mineral product manufacturing	3279
2670	Iron and steel mills and steel product manufacturing	3311, 3312
2680	Aluminum production and processing	3313
2690	Nonferrous metal, except aluminum, production and processing	3314
2770	Foundries	3315
2780	Metal forgings and stampings	3321
2790	Cutlery and hand tool manufacturing	3322
2870	Structural metals, and tank and shipping container manufacturing	3323, 3324
2880	Machine shops; turned product; screw, nut and bolt manufacturing	3327
2890	Coating, engraving, heat treating and allied activities	3328
2970	Ordnance	332992 to 332995
2980	Miscellaneous fabricated metal products manufacturing	3325, 3326, 3329 exc. 332992, 332993, 332994, 332995
2990	Not specified metal industries	Part of 331 and 332
3070	Agricultural implement manufacturing	33311
3080	Construction, mining and oil field machinery manufacturing	33312, 33313
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, 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, 3359
3570	Motor vehicles and motor vehicle equipment manufacturing	3361, 3362, 3363
3580	Aircraft and parts manufacturing	336411 to 336413
3590	Aerospace products and parts manufacturing	336414, 336415, 336419
3670	Railroad rolling stock manufacturing	3365
3680	Ship and boat building	3366
3690	Other transportation equipment manufacturing	3369

CENSUS CODE	DESCRIPTION	NAICS CODE
3770	Sawmills and wood preservation	3211
3780	Veneer, plywood, and engineered wood products	3212
3790	Prefabricated wood buildings and mobile homes	321991, 321992
3875	Miscellaneous wood products	3219 exc. 321991, 321992
3895	Furniture and related product manufacturing	337
3960	Medical equipment and supplies manufacturing	3391
3970	Toys, amusement, and sporting goods manufacturing	33992, 33993
3980	Miscellaneous manufacturing, n.e.c.	3399 exc. 33992, 33993
3990	Not specified manufacturing industries	Part of 31, 32, 33
	Wholesale Trade	
	Durable Goods Wholesale	
4070	Motor vehicles, parts and supplies, merchant wholesalers	4231
4080	Furniture and home furnishing, merchant wholesalers	4232
4090	Lumber and other construction materials, merchant wholesalers	4233
4170	Professional and commercial equipment and supplies, merchant wholesalers	4234
4180	Metals and minerals, except petroleum, merchant wholesalers	4235
4195	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. 42393
	Nondurable Goods Wholesale	
4370	Paper and paper products, merchant wholesalers	4241
4380	Drugs, sundries, and chemical and allied products, merchant wholesalers	4242, 4246
4390	Apparel, fabrics, and notions, merchant wholesalers	4243
4470	Groceries and related products, merchant wholesalers	4244
4480	Farm product raw materials, merchant wholesalers	4245
4490	Petroleum and petroleum products, merchant wholesalers	4247
4560	Alcoholic beverages, merchant wholesalers	4248
4570	Farm supplies, merchant wholesalers	42491
4580	Miscellaneous nondurable goods, merchant wholesalers	4249 exc. 42491
4585	Wholesale electronic markets, agents and brokers	4251
4590	Not specified wholesale trade	Part of 42

CENSUS CODE	DESCRIPTION	NAICS CODE
	Retail Trade	
4670	Automobile dealers	4411
4680	Other motor vehicle dealers	4412
4690	Auto parts, accessories, and tire stores	4413
4770	Furniture and home furnishings stores	442
4780	Household appliance stores	443141
4795	Electronics stores	443142
4870	Building material and supplies dealers	4441 exc. 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. 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
	Transportation and Warehousing	
6070	Air transportation	481
6080	Rail transportation	482
6090	Water transportation	483
6170	Truck transportation	484
6180	Bus service and urban transit	4851, 4852, 4854, 4855, 4859
6190	Taxi and limousine service	4853

CENSUS CODE	DESCRIPTION	NAICS CODE
6270	Pipeline transportation	486
6280	Scenic and sightseeing transportation	487
6290	Services incidental to transportation	488
6370	Postal Service	491
6380	Couriers and messengers	492
6390	Warehousing and storage	493
	Information	
6470	Newspaper publishers	51111
6480	Publishing, except newspapers and software	5111 exc. 51111
6490	Software publishing	5112
6570	Motion pictures and video industries	5121
6590	Sound recording industries	5122
6670	Radio and television broadcasting and cable	515
6672	Internet Publishing and Broadcasting	51913
6680	Wired telecommunications carriers	517311
6690	Other telecommunications services	517 exc. 517311
6695	Data processing, hosting, and related services	518
6770	Libraries and archives	51912
6780	Other information services	5191 exc. 51912, 51913
	Finance, Insurance, Real Estate, and Rental and Leasing	
	Finance and Insurance	
6870	Banking and related activities	521, 52211, 52219
6880	Savings institutions, including credit unions	52212, 52213
6890	Non-depository credit and related activities	5222, 5223
6970	Securities, commodities, funds, trusts, and other financial investments	523, 525
6991	Insurance carriers	5241
6992	Agencies, brokerages, and other insurance related activities	5242
	Real Estate and Rental and Leasing	
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, 532282, 532283
7190	Commercial, industrial, and other intangible assets rental and leasing	5324, 533

CENSUS CODE	DESCRIPTION	NAICS CODE
	Professional, Scientific, Management, Administrative, and Waste management services	
	Professional, Scientific, and Technical Services	
7270	Legal services	5411
7280	Accounting, tax preparation, bookkeeping, and payroll services	5412
7290	Architectural, engineering, and related services	5413
7370	Specialized design services	5414
7380	Computer systems design and related services	5415
7390	Management, scientific, and technical consulting services	5416
7460	Scientific research and development services	5417
7470	Advertising and related services	5418
7480	Veterinary services	54194
7490	Other professional, scientific, and technical services	5419 exc. 54194
	Management, Administrative and Support, and Waste Management Services	
	Management of companies and enterprises	
7570	Management of companies and enterprises	551
	Administrative and support and waste management services	
7580	Employment services	5613
7590	Business support services	5614
7670	Travel arrangements and reservation services	5615
7680	Investigation and security services	5616
7690	Services to buildings and dwellings	5617 exc. 56173
	(except cleaning during construction and immediately after construction)	7770
7770	Landscaping services	56173
7780	Other administrative and other support services	5611, 5612, 5619
7790	Waste management and remediation services	562
	Educational, Health and Social Services	
	Educational Services	
7860	Elementary and secondary schools	6111
7870	Colleges and universities, including junior colleges	6112, 6113
7880	Business, technical, and trade schools and training	6114, 6115
7890	Other schools, instruction, and educational services	6116, 6117
	Health Care and Social Assistance	
7970	Offices of physicians	6211
7980	Offices of dentists	6212

CENSUS CODE	DESCRIPTION	NAICS CODE
7990	Offices of chiropractors	62131
8070	Offices of optometrists	62132
8080	Offices of other health practitioners	6213 exc. 62131, 62132
8090	Outpatient care centers	6214
8170	Home health care services	6216
8180	Other health care services	6215, 6219
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, 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. 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. 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

CENSUS CODE	DESCRIPTION	NAICS CODE
8990	Nail salons and other personal care services	812113, 81219
9070	Dry cleaning and laundry services	8123
9080	Funeral homes, cemeteries, and crematories	8122
9090	Other personal services	8129
9160	Religious organizations	8131
9170	Civic, social, advocacy organizations, and grant making and giving services	8132, 8133, 8134
9180	Labor unions	81393
9190	Business, professional, political, and similar organizations	8139 exc. 81393
9290	Private households	814
	Public Administration	
9370	Executive offices and legislative bodies	92111, 92112, 92114, pt. 92115
9380	Public finance activities	92113
9390	Other general government and support	92119
9470	Justice, public order, and safety activities	922, pt. 92115
9480	Administration of human resource programs	923
9490	Administration of environmental quality and housing programs	924, 925
9570	Administration of economic programs and space research	926, 927
9590	National security and international affairs	925
	Armed Forces	
9890	Armed Forces	9281

Detailed Industry Recodes
(01-52)

These codes correspond to Items PRDTIND1 and PRDTIND2 in positions 472-475 of the Basic CPS record layout in all months **except 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, 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

CODE	DESCRIPTION	INDUSTRY CODE
40	Educational services	7860 - 7890
41	Hospitals	8190
42	Health care services, except hospitals	7970 - 8180,
43	Social assistance	8370 - 8470
44	Arts, entertainment, and recreation	8560 - 8590
45	Accommodation	8660, 8670
46	Food services and drinking places	8680, 8690
47	Repair and maintenance	8770 - 8890
48	Personal and laundry services	8970 - 9090
49	Membership associations and organizations	9160 - 9190
50	Private households	9290
51	Public administration	9370 - 9590
52	Armed forces	9890

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.

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture, forestry, fishing, and hunting	0170-0290
2	Mining	0370-0490
3	Construction	0770
4	Manufacturing	1070-3990
5	Wholesale and retail trade	4070-5790
6	Transportation and utilities	6070-6390, 0570-0690
7	Information	6470-6780
8	Financial activities	6870-7190
9	Professional and business services	7270-7790
10	Educational and health services	7860-8470
11	Leisure and hospitality	8560-8690
12	Other services	8770-9290
13	Public administration	9370-9590
14	Armed Forces	9890

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 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

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
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

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
	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

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
	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
	Education 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

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
	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

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
		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

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
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 CENSUS CODE	DESCRIPTION	2018 SOC 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

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
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

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
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

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
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

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
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 CENSUS CODE	DESCRIPTION	2018 SOC 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

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
	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 PRMJOCC1 and PRMJOCC2 located in positions 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJOCC and are located in positions 159-160.

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management, business, and financial occupations	0010-0960
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.

FIPS Code	Metropolitan (CBSA) TITLE
10180	Abilene, TX
10420	Akron, OH
10580	Albany-Schenectady-Troy, NY
10740	Albuquerque, NM
10900	Allentown-Bethlehem-Easton, PA-NJ
11100	Amarillo, TX
11460	Ann Arbor, MI
11540	Appleton, WI
11700	Asheville, NC
12020	Athens-Clarke County, GA
12060	Atlanta-Sandy Springs-Roswell, GA
12100	Atlantic City-Hammonton, NJ
12220	Auburn-Opelika, AL
12260	Augusta-Richmond County, GA-SC
12420	Austin-Round Rock, TX
12540	Bakersfield, CA
12580	Baltimore-Columbia-Towson, MD
12620	Bangor, ME
12700	Barnstable, MA
12940	Baton Rouge, LA
12980	Battle Creek, MI
13140	Beaumont-Port Arthur, TX
13460	Bend-Redmond, OR
13740	Billings, MT
13780	Binghamton, NY
13820	Birmingham-Hoover, AL
13980	Blacksburg—Christiansburg-Radford, VA
14010	Bloomington, IL
14020	Bloomington, IN
14260	Boise City, ID
14460	Boston-Cambridge-Newton, MA-NH
14500	Boulder, CO
14540	Bowling Green, KY
14860	Bridgeport-Stamford-Norwalk, CT

FIPS Code	Metropolitan (CBSA) TITLE
15180	Brownsville-Harlingen, TX
15380	Buffalo-Cheektowaga-Niagara Falls, NY
15500	Burlington, NC
15540	Burlington-South Burlington, VT
15680	California-Lexington Park, MD
15940	Canton-Massillon, OH
15980	Cape Coral-Fort Myers, FL
16060	Carbondale-Marion, IL
16300	Cedar Rapids, IA
16540	Chambersburg-Waynesboro, PA
16580	Champaign-Urbana, IL
16620	Charleston, WV
16700	Charleston-North Charleston, SC
16740	Charlotte-Concord-Gastonia, NC-SC
16820	Charlottesville, VA
16860	Chattanooga, TN-GA
16980	Chicago-Naperville-Elgin, IL-IN-WI
17020	Chico, CA
17140	Cincinnati, OH-KY-IN
17300	Clarksville, TN-KY
17420	Cleveland, TN
17460	Cleveland-Elyria, OH
17660	Coeur d'Alene, ID
17780	College Station-Bryan, TX
17820	Colorado Springs, CO
17900	Columbia, SC
17980	Columbus, GA-AL
18140	Columbus, OH
18580	Corpus Christi, TX
19100	Dallas-Fort Worth-Arlington, TX
19300	Daphne-Fairhope-Foley, AL
19340	Davenport-Moline-Rock Island, IA-IL
19380	Dayton, OH
19660	Deltona-Daytona Beach-Ormond Beach, FL
19740	Denver-Aurora-Lakewood, CO
19780	Des Moines-West Des Moines, IA
19820	Detroit-Warren-Dearborn, MI
20100	Dover, DE
20500	Durham-Chapel Hill, NC
20700	East Stroudsburg, PA

FIPS Code	Metropolitan (CBSA) TITLE
21140	Elkhart-Goshen, IN
21340	El Paso, TX
21500	Erie, PA
21660	Eugene, OR
21780	Evansville, IN-KY
22020	Fargo, ND-MN
22140	Farmington, NM
22180	Fayetteville, NC
22220	Fayetteville-Springdale-Rogers, AR-MO
22420	Flint, MI
22500	Florence, SC
22520	Florence-Muscle Shoals, AL
22660	Fort Collins, CO
22900	Fort Smith, AR-OK
23060	Fort Wayne, IN
23420	Fresno, CA
23540	Gainesville, FL
23580	Gainesville, GA
24020	Glen Falls, NY
24140	Goldsboro, NC
24340	Grand Rapids-Wyoming, MI
24540	Greeley, CO
24580	Green Bay, WI
24660	Greensboro-High Point, NC
24780	Greenville, NC
24860	Greenville-Anderson-Mauldin, SC
25180	Hagerstown-Martinsburg, MD-WV
25260	Hanford-Corcoran, CA
25420	Harrisburg-Carlisle, PA
25540	Hartford-West Hartford-East Hartford, CT
25860	Hickory-Morganton-Lenoir, NC
25940	Hilton Head Island-Bluffton-Beaufort, SC
26420	Houston-Baytown-Sugar Land, TX
26580	Huntington-Ashland, WV-KY-OH
26620	Huntsville, AL
26820	Idaho Falls, ID
26900	Indianapolis, IN
26980	Iowa City, IA
27100	Jackson, MI
27140	Jackson, MS

FIPS Code	Metropolitan (CBSA) TITLE
27260	Jacksonville, FL
27340	Jacksonville, NC
27500	Janesville-Beloit, WI
27740	Johnson City, TN
27780	Johnstown, PA
27980	Kahului-Wailuku-Lahaina, HI
28020	Kalamazoo-Portage, MI
28140	Kansas City, MO-KS
28420	Kennewick-Richland, WA
28660	Killeen-Temple-Fort Hood, TX
28700	Kingsport-Bristol, TN-VA
28940	Knoxville, TN
29180	Lafayette, LA
29200	Lafayette-West Lafayette, IN
29340	Lake Charles, LA
29460	Lakeland-Winter Haven, FL
29540	Lancaster, PA
29620	Lansing-East Lansing, MI
29700	Laredo, TX
29740	Las Cruces, NM
29820	Las Vegas-Paradise, NV
30340	Lewiston-Auburn, ME
30460	Lexington-Fayette, KY
30780	Little Rock-North Little Rock, AR
30980	Longview, TX
31080	Los Angeles-Long Beach-Anaheim, CA
31140	Louisville, KY-IN
31180	Lubbock, TX
31420	Macon, GA
31540	Madison, WI
31700	Manchester-Nashua, NH
32580	McAllen-Edinburg-Mission, TX
32780	Medford, OR
32820	Memphis, TN-MS-AR
33100	Miami-Fort Lauderdale-West Palm Beach, FL
33340	Milwaukee-Waukesha-West Allis, WI
33460	Minneapolis-St Paul-Bloomington, MN-WI
33660	Mobile, AL
33700	Modesto, CA
33740	Monroe, LA

FIPS Code	Metropolitan (CBSA) TITLE
33780	Monroe, MI
33860	Montgomery, AL
34060	Morgantown, WV
34580	Mount Vernon-Anacortes, WA
34740	Muskegon-Norton Shores, MI
34820	Myrtle Beach-Conway-North Myrtle Beach, SC-NC
34940	Naples-Immokalee-Marco Island, FL
34980	Nashville-Davidson-Murfreesboro, TN
35300	New Haven-Milford, CT
35380	New Orleans-Metairie, LA
35620	New York-Newark- Jersey City, NY-NJ-PA (White Plains central city recoded to balance of metropolitan)
35660	Niles-Benton Harbor, MI
35840	North Port-Sarasota-Bradenton, FL
35980	Norwich-New London, CT
36100	Ocala, FL
36220	Odessa, TX
36260	Ogden-Clearfield, UT
36420	Oklahoma City, OK
36540	Omaha-Council Bluffs, NE-IA
36740	Orlando, FL
36780	Oshkosh-Neenah, WI
37100	Oxnard-Thousand Oaks-Ventura, CA
37340	Palm Bay-Melbourne-Titusville, FL
37460	Panama City, FL
37860	Pensacola-Ferry Pass-Brent, FL
37900	Peoria, IL
37980	Philadelphia-Camden-Wilmington, PA-NJ-DE
38060	Phoenix-Mesa-Scottsdale, AZ
38220	Pine Bluff, AR
38300	Pittsburgh, PA
38860	Portland-South Portland, ME
38900	Portland-Vancouver-Hillsboro, OR-WA
38940	Port St. Lucie-Fort Pierce, FL
39140	Prescott, AZ
39300	Providence-Warwick, RI-MA
39340	Provo-Orem, UT
39540	Racine, WI
39580	Raleigh, NC
39740	Reading, PA

FIPS Code	Metropolitan (CBSA) TITLE
39820	Redding, CA
40060	Richmond, VA
40140	Riverside-San Bernardino-Ontario, CA
40220	Roanoke, VA
40380	Rochester, NY
40420	Rockford, IL
40900	Sacramento--Arden-Arcade–Roseville, CA
40980	Saginaw, MI
41100	St. George, UT
41180	St. Louis, MO-IL
41420	Salem, OR
41500	Salinas, CA
41540	Salisbury, MD
41620	Salt Lake City, UT
41700	San Antonio, TX
41740	San Diego-Carlsbad-San Marcos, CA
41860	San Francisco-Oakland-Fremont, CA
41940	San Jose-Sunnyvale-Santa Clara, CA
42020	San Luis Obispo-Paso Robles, CA
42100	Santa Cruz-Watsonville, CA
42140	Santa Fe, NM
42200	Santa Maria-Santa Barbara, CA
42220	Santa Rosa-Petaluma, CA
42340	Savannah, GA
42540	Scranton--Wilkes-Barre, PA
42660	Seattle-Tacoma-Bellevue, WA
43300	Sherman-Dennison, TX
43340	Shreveport-Bossier City, LA
43620	Sioux Falls, SD
43780	South Bend-Mishawaka, IN-MI
43900	Spartanburg, SC
44060	Spokane-Spokane Valley, WA
44100	Springfield, IL
44140	Springfield, MA
44180	Springfield, MO
44700	Stockton-Lodi, CA
45060	Syracuse, NY
45220	Tallahassee, FL
45300	Tampa-St. Petersburg-Clearwater, FL
45460	Terre Haute, IN

FIPS Code	Metropolitan (CBSA) TITLE
45780	Toledo, OH
45820	Topeka, KS
45940	Trenton, NJ
46060	Tucson, AZ
46140	Tulsa, OK
46340	Tyler, TX
46520	Urban Honolulu, HI
46540	Utica-Rome, NY
46700	Vallejo-Fairfield, CA
47220	Vineland-Bridgeton, NJ
47260	Virginia Beach-Norfolk-Newport News, VA-NC
47300	Visalia-Porterville, CA
47380	Waco, TX
47580	Warner Robins, GA
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
47940	Waterloo-Cedar Falls, IA
48060	Watertown-Fort Drum, NY
48140	Wausau, WI
48620	Wichita, KS
48660	Wichita Falls, TX
48700	Williamsport, PA
49020	Winchester, VA-WV
49180	Winston-Salem, NC
49340	Worcester, MA-CT
49620	York-Hanover, PA
49660	Youngstown-Warren-Boardman, OH-PA
49740	Yuma, AZ

LIST 2: FIPS Consolidated Statistical Area (CSA) Codes

The following CSA's (Combined Statistical Areas) contain 2 or more Metropolitan Statistical Areas that are in the CPS sample and are individually identified on the public use files. Micropolitan Statistical Areas are not specifically identified in the CPS and are not used to identify CSA's nor are parts of such areas coded as belonging to CSA's. The component CBSA's identified on the CPS Public Use Files are listed for each CSA.

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
104		Albany-Schenectady, NY
	10580	Albany-Schenectady-Troy, NY
	24020	Glen Falls, NY
106		Albuquerque-Santa Fe-Las Vegas, NM
	10740	Albuquerque, NM
	42140	Santa Fe, NM
118		Appleton-Oshkosh-Neenah, WI
	11540	Appleton, WI
	36780	Oshkosh-Neenah, WI
122		Atlanta--Athens-Clarke County—Sandy Springs, GA
	12020	Athens-Clarke County, GA
	12060	Atlanta-Sandy Springs-Roswell, GA
	23580	Gainesville, GA
148		Boston-Worcester-Providence, MA-RI-NH-CT
	12700	Barnstable Town, MA
	14460	Boston-Cambridge-Newton-MA-NH
	31700	Manchester-Nashua, NH
	39300	Providence-Warwick, RI-MA
	49340	Worcester, MA-CT
162		Cape Coral-Fort Myers-Naples, FL
	15980	Cape Coral, FL
	34940	Naples-Immokalee-Marco Island, FL

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
168		Cedar Rapids-Iowa City, IA
	16300	Cedar Rapids, IA
	26980	Iowa City, IA
170		Charleston-Huntington-Ashland, WV-OH-KY
	16620	Charleston, WV
	26580	Huntington-Ashland, WV-KY-OH
174		Chattanooga-Cleveland-Dalton, TN-GA
	16860	Chattanooga, TN-GA
	17420	Cleveland, TN
184		Cleveland-Akron-Canton, OH (part)
	10420	Akron, OH
	15940	Canton-Massillon, OH
	17460	Cleveland-Elyria-Mentor, OH
194		Columbus-Auburn-Opelika, GA-AL
	12220	Auburn-Opelika, AL
	17980	Columbus, GA
206		Dallas-Fort Worth, TX-OK
	19100	Dallas-Fort Worth-Arlington, TX
	43300	Sherman-Dennison, TX
216		Denver-Aurora, CO
	14500	Boulder, CO
	19740	Denver-Aurora-Lakewood, CO
	24540	Greeley, CO
220		Detroit-Warren-Ann Arbor, MI
	11460	Ann Arbor, MI
	19820	Detroit-Warren-Dearborn, MI
	22420	Flint, MI
	33780	Monroe, MI

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
238		El Paso-Las Cruses, TX-NM
	21340	El Paso, TX
	29740	Las Cruses, NM
266		Grand Rapids-Wyoming-Muskegon, MI
	24340	Grand Rapids-Wyoming, MI
	26100	Holland-Grand Haven, MI*
	34740	Muskegon-Norton Shores, MI
268		Greensboro--Winston-Salem–High Point, NC
	15500	Burlington, NC
	24660	Greensboro-High Point, NC
	49180	Winston-Salem, NC
273		Greenville-Spartanburg-Anderson, SC
	24860	Greenville-Anderson-Mauldin, SC
	43900	Spartanburg, SC
276		Harrisburg-York-Lebanon, PA
	25420	Harrisburg-Carlisle, PA
	49620	York-Hanover, PA
278		Hartford-West Hartford, CT
	25540	Hartford-West Hartford-East Hartford, CT
	35980	Norwich-New London, CT
304		Johnson City-Kingsport-Bristol, TN-VA (part)
	27740	Johnson City, TN
	28700	Kingsport-Bristol, TN-VA
310		Kalamazoo-Battle Creek-Portage, MI
	12980	Battle Creek, MI
	28020	Kalamazoo-Portage, MI
340		Little Rock-North Little Rock, AR
	30780	Little Rock-North Little Rock-Conway, AR
	38220	Pine Bluff, AR

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
348		Los Angeles-Long Beach-Riverside, CA
	31100	Los Angeles-Long Beach-Santa Ana, CA
	37100	Oxnard-Thousand Oaks-Ventura, CA
	40140	Riverside-San Bernardino-Ontario, CA
356		Macon-Warner Robins-Fort Valley, GA
	31420	Macon, GA
	47580	Warner Robins, GA
357		Madison-Janesville-Beloit, WI
	27500	Janesville-Beloit, WI
	31540	Madison, WI
370		Miami-Fort Lauderdale-Port St. Lucie, FL
	33100	Miami-Fort Lauderdale-West Palm Beach, FL
	38940	Port St. Lucie-Fort Pierce, FL
376		Milwaukee-Racine-Waukesha, WI
	33340	Milwaukee-Waukesha-West Allis, WI
	39540	Racine, WI
380		Mobile-Daphne-Fairhope, AL
	19300	Daphne-Fairhope, AL
	33660	Mobile, AL
408		New York-Newark-Bridgeport, NY-NJ-CT-PA
	10900	Allentown-Bethlehem-Easton, PA-NJ
	14860	Bridgeport-Stamford-Norwalk, CT
	20700	East Stroudsburg, PA
	35300	New Haven-Milford, CT
	35620	New York-Newark-Jersey City, NY-NJ-PA
	45940	Trenton, NJ
422		Orlando-Deltona-Daytona Beach, FL
	19660	Deltona-Daytona Beach-Ormond Beach, FL
	36740	Orlando-Kissimmee-Sanford, FL

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
428		Philadelphia-Reading-Camden, PA-NJ-DE-MD
	12100	Atlantic City-Hammonton, NJ
	20100	Dover, DE
	37980	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD
	39740	Reading, PA
	47220	Vineland-Bridgeton, NJ
438		Portland-Lewiston-South Portland, ME
	30340	Lewiston-Auburn, ME
	38860	Portland-South Portland, ME
440		Portland-Vancouver-Salem, OR-WA
	38900	Portland-Vancouver-Hillsboro, OR-WA
	41420	Salem, OR
450		Raleigh-Durham-Cary, NC
	20500	Durham-Chapel Hill, NC
	39580	Raleigh, NC
482		Salt Lake City-Provo-Orem, UT
	36260	Ogden-Clearfield, UT
	39340	Provo-Orem, UT
	41620	Salt Lake City, UT
488		San Jose-San Francisco-Oakland, CA
	41860	San Francisco-Oakland-Hayward, CA
	41940	San Jose-Sunnyvale-Santa Clara, CA
	42100	Santa Cruz-Watsonville, CA
	42220	Santa Rosa, CA
	44700	Stockton-Lodi, CA
	46700	Vallejo-Fairfield, CA
500		Seattle-Tacoma-Olympia, WA
	34580	Mount Vernon-Anacortes, WA
	42660	Seattle-Tacoma-Bellevue, WA

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
515		South Bend-Elkhart-Mishawaka, IN-MI
	21140	Elkhart-Goshen, IN
	35660	Niles-Benton Harbor, MI
	43780	South Bend-Mishawaka, IN-MI
518		Spokane-Spokane Valley-Coeur d'Alene, WA-ID
	17660	Coeur d'Alene, ID
	44060	Spokane-Spokane Valley, WA
546		Visalia-Porterville-Hanford, CA
	25260	Hanford-Corcoran, CA
	47300	Visalia-Porterville, CA
548		Washington-Baltimore-Arlington, DC-MD-VA-WV-PA
	12580	Baltimore-Columbia-Towson, MD
	15680	California-Lexington Park, MD
	16540	Chambersburg-Waynesboro, PA
	25180	Hagerstown-Martinsburg, MD-WV
	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
	49020	Winchester, VA-WV

List 3: Individual Principal Cities

Please Note: You must use the CBSA code in combination with the city code to uniquely identify principal cities. If a county name is provided, you must incorporate the county code into any algorithm used to tabulate a specific city's characteristics. The same applies to state codes for multi-state CBSA's.

CBSA Code	Title	City	GTINDVPC
38060	Phoenix-Mesa-Scottsdale, AZ		
		Phoenix	1
		Mesa	2
		Scottsdale	3
		Tempe	4
		Glendale	5
30780	Little Rock-North Little Rock-Conway. AR		
		Little Rock	1
31080	Los Angeles-Long Beach-Anaheim, CA		
		Los Angeles County	
		Los Angeles	1
		Long Beach	2
		Glendale	3
		Pomona	4
		Torrance	5
		Pasadena	6
		Burbank	7
		Orange County	
		Santa Ana	1
		Anaheim	2
		Irvine	3
		Orange	4
		Fullerton	5
		Costa Mesa	6

CBSA Code	Title	City	GTINDVPC
37100	Oxnard-Thousand Oaks-Ventura, CA		
		Oxnard	1
		Thousand Oaks	2
40140	Riverside-San Bernardino-Ontario, CA		
		Riverside	1
		San Bernardino	2
		Ontario	3
		Temecula	4
		Victorville	5
40900	Sacramento–Roseville-Arden-Arcade, CA		
		Sacramento	1
		Roseville	2
41740	San Diego-Carlsbad, CA		
		San Diego	1
		Carlsbad	2
41860	San Francisco-Oakland-Hayward, CA		
		San Francisco	1
		Alameda County	
		Oakland	1
		Fremont	2
		Hayward	3
		Berkeley	4
41940	San Jose-Sunnyvale-Santa Clara, CA		
		San Jose	1
		Sunnyvale	2
		Santa Clara	3
46700	Vallejo-Fairfield, CA		
		Vallejo	1
		Fairfield	2

CBSA Code	Title	City	GTINDVPC
19740	Denver-Aurora-Lakewood, CO		
		Denver	1
		Lakewood	2
14860	Bridgeport-Stamford-Norwalk, CT		
		Bridgeport	1
		Stamford	2
25540	Hartford-West Hartford-East Hartford, CT		
		Hartford	1
33100	Miami-Fort Lauderdale-West Palm Beach, FL		
		Broward County	
		Fort Lauderdale	1
		Miami-Dade County	
		Miami	1
		1	
36740	Orlando-Kissimmee-Sanford, FL		
		Orlando	1
37340	Palm Bay-Melbourne-Titusville, FL		
		Palm Bay	1
45300	Tampa-St. Petersburg-Clearwater, FL		
		St. Petersburg	1
		Tampa	2
12060	Atlanta-Sandy Springs-Roswell, GA		
		Atlanta	1
16980	Chicago-Naperville-Elgin, IL-IN-WI		
		Chicago	1
		Naperville	2
		Joliet	3
		Elgin	4

CBSA Code	Title	City	GTINDVPC
26900	Indianapolis-Carmel-Anderson. IN		
		Indianapolis	1
28140	Kansas City, MO-KS		
		Kansas portion	
		Kansas City	1
		Overland Park	2
		Missouri portion	
		Kansas City	1
35380	New Orleans-Metairie, LA		
		New Orleans	1
		Metairie	2
12580	Baltimore-Columbia-Towson. MD		
		Baltimore	1
14460	Boston-Cambridge-Newton, MA-NH		
		Massachusetts portion	
		Boston	1
		Cambridge	2
19820	Detroit-Warren-Dearborn, MI		
		Wayne County	
		Detroit	1
		Macomb County	
		Warren	1
33460	Minneapolis-St. Paul-Bloomington, MN-WI		
		Minneapolis	1
		St. Paul	2
29820	Las Vegas-Henderson--Paradise, NV		
		Las Vegas	1
		Paradise	2
		Henderson	3

CBSA Code	Title	City	GTINDVPC
35620	New York-Newark- Jersey City, NY-NJ-PA		
		New Jersey portion	
		Newark	1
		Jersey City	2
		New York portion	
		New York	1
15380	Buffalo-Cheektowaga-Niagara Falls, NY		
		Buffalo	1
16740	Charlotte -Concord-Gastonia, NC-SC		
		Charlotte	1
38900	Portland-Vancouver-Hillsboro, OR-WA		
		Portland	1
34980	Nashville-Davidson—Murfreesboro—Franklin, TN		
		Nashville-Davidson	1
19100	Dallas-Fort Worth-Arlington, TX		
		Dallas	1
		Fort Worth	2
		Carrollton	3
		Plano	4
		Irving	5
		Arlington	6
26420	Houston-The Woodlands-Sugar Land, TX		
		Houston	1
32580	McAllen-Edinburg-Mission, TX		
		McAllen	1
47260	Virginia Beach-Norfolk-Newport News, VA-NC		
		Virginia portion	
		Virginia Beach	1
		Norfolk	2
		Newport News	3

CBSA Code	Title	City	GTINDVPC
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV		
		Virginia portion only	
		Arlington	2
42660	Seattle-Tacoma-Bellevue, WA		
		Seattle	1
		Tacoma	2
		Bellevue	3
		Everett	4
33340	Milwaukee-Waukesha-West Allis, WI		
		Milwaukee	1

List 4: FIPS County Codes

Please note that these county codes must be used in conjunction with state codes to create unique county identifiers as county codes start with 001 in each state. Counties are only included on this list if the entire county is identified.

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

FIPS County Code	County Name	State
083	Santa Barbara	
087	Santa Cruz	
089	Shasta	
095	Solano	
097	Sonoma	
099	Stanislaus	
107	Tulare	
111	Ventura	
	Colorado	
013	Boulder	
031	Denver	
059	Jefferson	
069	Larimer	
123	Weld	
	Connecticut	
001	Fairfield	
005	Litchfield*	
009	New Haven	
011	New London	
015	Windham	
	Delaware	
001	Kent	
003	New Castle	
005	Sussex	
	District of Columbia	
001	District of Columbia	

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

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

FIPS County Code	County Name	State
		Louisiana
005	Ascension	
033	East Baton Rouge	
051	Jefferson	
063	Livingston	
071	Orleans	
073	Ouachita	
103	St. Tammany	
		Maine
001	Androscoggin	
005	Cumberland	
011	Kennebec*	
019	Penobscot	
		Maryland
003	Anne Arundel	
013	Carroll	
015	Cecil	
017	Charles	
025	Harford	
031	Montgomery	
033	Prince Georges	
037	St. Mary's	
510	Baltimore City	

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

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

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

New Mexico

001	Bernalillo	
013	Dona Ana	
045	San Juan	
049	Santa Fe	

New York

005	Bronx	
045	Jefferson	
047	Kings	
055	Monroe	
059	Nassau	
061	New York	
067	Onondaga	
069	Ontario	
071	Orange	
081	Queens	
085	Richmond	
087	Rockland	
091	Saratoga	
103	Suffolk	
119	Westchester	

North Carolina

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

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

Ohio

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

Oregon

017	Deschutes	
029	Jackson	
039	Lane	

Pennsylvania

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

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

South Carolina

041	Florence
051	Horry
083	Spartanburg
091	York

Tennessee

009	Blount
093	Knox
125	Montgomery
165	Sumner
189	Wilson

Texas

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

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

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

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

CBSA Code	Title	County Name	County Code
12300	Augusta-Waterville, ME	Kennebec	005
18180	Concord, NH	Merrimack	011
26090	Holland, MI	Allegan	005
31300	Lumberton, NC	Robeson	155
39060	Pottsville, PA	Schuylkill	107
45860	Torrington, CT	Litchfield	005

ATTACHMENT 12

Topcoding of Usual Hourly Earnings

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

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

ATTACHMENT 13

CURRENT POPULATION SURVEY

November 2020 Voting and Registration Supplement File
Tallies of Unweighted Counts

NOTE: To match items below, use HRINTSTA = 1 and PRPERTYP = 2 and PRTAGE = 18+.

ITEM	VALUE	DESCRIPTION	TALLIES
PES1	1	Yes	55,170
	2	No	14,114
	-2	Don't Know	1,149
	-3	Refused	1,281
	-9	No Response	10,184
PES2	1	Yes	4,823
	2	No	8,933
	-2	Don't Know	1,492
	-3	Refused	1,195
	-9	No Response	10,285
PES3	1	Did not meet registration deadlines	913
	2	Did not know where or how to register	295
	3	Did not meet residency requirements/did not live here long enough	250
	4	Permanent illness or disability	449
	5	Concerns about the coronavirus (COVID-19) pandemic	189
	6	Difficulty with English	89
	7	Not interested in the election or not involved in politics	3,543
	8	My vote would not make a difference	440
	9	Not eligible to vote	792
	10	Other reason	1,509
	-2	Don't know	332
	-3	Refused	123
	-9	No Response	9

ITEM	VALUE	DESCRIPTION	TALLIES
PES4	1	Out of town or away from home	275
	2	Forgot to vote (or send in absentee ballot)	180
	3	Concerns about the coronavirus (COVID-19) pandemic	215
	4	Illness or disability (own or family's)	640
	5	Not interested, felt my vote wouldn't make a difference	782
	6	Too busy, conflicting work or school schedule	576
	7	Transportation problems	107
	8	Didn't like candidates or campaign issues	616
	9	Registration problems (i.e. didn't receive absentee ballot, not registered in current location)	227
	10	Bad weather conditions	5
	11	Inconvenient hours, polling place or hours or lines too long	129
	12	Other	651
	-2	Don't know	99
	-3	Refused	31
	-9	No Response	4
PES5	1	In person	31,014
	2	By mail	23,877
	-2	Don't know	128
	-3	Refused	110
	-9	No Response	41
PES6	1	On election day	18,646
	2	Before election day	36,218
	-2	Don't know	139
	-3	Refused	118
	-9	No Response	49

ITEM	VALUE	DESCRIPTION	TALLIES
PES7	1	At a department of motor vehicles (for example, when obtaining a driver's license or other identification card)	15,148
	2	At a public assistance agency (for example, a Medicaid, AFDC, or Food Stamps office, an office serving disabled persons, or an unemployment office)	519
	3	Registered by mail	6,685
	4	Registered using the internet or online	6,102
	5	At a school, hospital, or on campus	1,706
	6	Went to a town hall or county/government registration office	11,438
	7	Filled out form at a registration drive (library, post office, or someone came to your door)	1,573
	8	Registered at polling place (on election or primary day)	3,221
	9	Other	2,301
	-2	Don't know	10,795
	-3	Refused	428
	-9	No Response	77
PRS8	1	Less than 1 year	7,880
	2	1-2 years	9,384
	3	3-4 years	9,786
	4	5 years or longer	42,636
	-2	Don't know	0
	-3	Refused	0
	-9	No Response	0
PUSCK4	1	Self	41,319
	2	Other	30,605

ATTACHMENT 14

COUNTRIES AND AREAS OF THE WORLD

Current Population Survey

Starting May 2012

Code	Name	Code	Name
057	United States	158	Armenia
060	American Samoa	159	Azerbaijan
066	Guam	160	Belarus
069	Northern Marianas	161	Georgia
073	Puerto Rico	162	Moldova
078	U. S. Virgin Islands	163	Russia
100	Albania	164	Ukraine
102	Austria	165	USSR
103	Belgium	166	Europe, not specified
104	Bulgaria	168	Montenegro
105	Czechoslovakia	200	Afghanistan
106	Denmark	202	Bangladesh
108	Finland	203	Bhutan
109	France	205	Myanmar (Burma)
110	Germany	206	Cambodia
116	Greece	207	China
117	Hungary	209	Hong Kong
118	Iceland	210	India
119	Ireland	211	Indonesia
120	Italy	212	Iran
126	Netherlands	213	Iraq
127	Norway	214	Israel
128	Poland	215	Japan
129	Portugal	216	Jordan
130	Azores	217	Korea
132	Romania	218	Kazakhstan
134	Spain	220	South Korea
136	Sweden	222	Kuwait
137	Switzerland	223	Laos
138	United Kingdom	224	Lebanon
139	England	226	Malaysia
140	Scotland	228	Mongolia
142	Northern Ireland	229	Nepal
147	Yugoslavia	231	Pakistan
148	Czech Republic	233	Philippines
149	Slovakia	235	Saudi Arabia
150	Bosnia & Herzegovina	236	Singapore
151	Croatia	238	Sri Lanka
152	Macedonia	239	Syria
154	Serbia	240	Taiwan
155	Estonia	242	Thailand
156	Latvia	243	Turkey
157	Lithuania	245	United Arab Emirates

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

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

ATTACHMENT 15

ALLOCATION FLAGS

Current Population Survey

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

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

Source of the Data and Accuracy of the Estimates for the November 2020 Current Population Survey Microdata File on Voting and Registration

Table of Contents

SOURCE OF THE DATA **1**
Basic CPS 1
November 2020 Supplement 2
Estimation Procedure 2

ACCURACY OF THE ESTIMATES **3**
Sampling Error 3
Nonsampling Error 3
Nonresponse 4
Undercoverage 4
Comparability of Data 5
A Nonsampling Error Warning 6
Standard Errors and Their Use 6
Estimating Standard Errors 7
Generalized Variance Parameters 7
Standard Errors of Estimated Numbers 9
Standard Errors of Estimated Percentages 9
Standard Errors of Estimated Differences 10
Standard Errors for State, Division, and Region Estimates 11
Standard Errors of Quarterly or Yearly Averages 12
Technical Assistance 12

REFERENCES **20**

Tables

Table 1. Current Population Survey Coverage Ratios: November 2020 5
Table 2. Estimation Groups of Interest and Generalized Variance Parameters 8
Table 3. Illustration of Standard Errors of Estimated Numbers 9
Table 4. Illustration of Standard Errors of Estimated Percentages 10
Table 5. Illustration of Standard Errors of Estimated Differences 11
Table 6. Illustration of Standard Errors of State Estimates 12
Table 7. Parameters for Computation of Standard Errors for Labor Force Characteristics: November 2020 13
Table 8. Parameters for Computation of Standard Errors for Voting and Registration Characteristics: November 2020 14
Table 9. Parameters for Computation of State Standard Errors for Voting and Registration Characteristics of Total or White Population: November 2020 ... 15-16
Table 10. Parameters for Computation of Division Standard Errors for Voting and Registration Characteristics of Total or White Population: November 2020 17
Table 11. Parameters for Computation of Region Standard Errors for Voting and Registration Characteristics of Total or White Population: November 2020 17
Table 12. Factors and Populations for State Parameters: November 2020 18
Table 13. Factors and Populations for Division Parameters: November 2020 19
Table 14. Factors and Populations for Region Parameters: November 2020 19

Source of the Data and Accuracy of the Estimates for the November 2020 Current Population Survey Microdata File on Voting and Registration

SOURCE OF THE DATA

The data in this microdata file are from the November 2020 Current Population Survey (CPS). The U.S. Census Bureau conducts the CPS every month, although this file has only November data. The November 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 Social, Economic, and Housing Statistics Division of the Census Bureau sponsors the supplemental questions for November.

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[1] reflecting changes based on the most recent decennial census. In the first stage of the sampling process, primary sampling units (PSUs)[2] were selected for sample. In the 2010 sample design, the United States was divided into 1,987 PSUs. These PSUs were then grouped into 852 strata. Within each stratum, a single PSU was chosen for the sample, with its probability of selection proportional to its population as of the most recent decennial census. In the case of strata consisting of only one PSU, the PSU was chosen with certainty.

Approximately 69,000 sampled addresses were selected from the sampling frame in November. Based on eligibility criteria, six 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

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

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

(CAPI).[3] Of all addresses in sample, about 59,000 were determined to be eligible for interview. Interviewers obtained interviews at about 47,000 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.

November 2020 Supplement. In November 2020, in addition to the basic CPS questions, interviewers asked supplementary questions of all persons 18 years of age and older on voting and registration.

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

The population controls for the nation are distributed by demographic characteristics in two ways:

- Age, sex, and race (White alone, Black alone, and all other groups combined).
- Age, sex, and Hispanic origin.

The population controls for the states are distributed by:

- Race (Black alone and all other race groups combined).
- Age (0-15, 16-44, and 45 and over).
- Sex.

The independent estimates by age, sex, race, and Hispanic origin, and for states by selected age groups and broad race categories, are developed using the basic demographic accounting formula whereby the population from the 2010 Census data is updated using data on the components of population change (births, deaths, and net international migration) with net internal migration as an additional component in the state population controls.

The net international migration component of the population 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.

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

[4] 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).

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 November 2020 basic CPS, the household-level unweighted nonresponse rate was 20.7 percent. The person-level unweighted nonresponse rate for the Voting and Registration supplement was an additional 8.2 percent. Since the basic CPS nonresponse rate is a household-level rate and the Voting and Registration supplement nonresponse rate is a person-level rate, we cannot combine these rates to derive an overall nonresponse rate. Nonresponding households may have more or fewer persons than interviewed ones, so combining these rates may lead to an under- or overestimate of the true overall nonresponse rate for persons for the Voting and Registration 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 Voting and Registration supplement, the unweighted item refusal rates range from 0.2 percent to 4.5 percent. The unweighted item nonresponse rates range from 0.4 percent to 18.7 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 November 2020 is estimated to be about nine 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 November 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: November 2020

Age group	Total			White alone		Black alone		Residual race[A]		Hispanic[B]	
	All people	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-15	0.86	0.86	0.87	0.88	0.90	0.79	0.82	0.80	0.77	0.81	0.82
16-19	0.89	0.91	0.88	0.95	0.91	0.83	0.83	0.77	0.77	0.87	0.86
20-24	0.77	0.78	0.76	0.81	0.78	0.69	0.64	0.74	0.74	0.77	0.77
25-34	0.82	0.81	0.84	0.84	0.88	0.67	0.71	0.75	0.76	0.72	0.82
35-44	0.90	0.88	0.92	0.92	0.95	0.71	0.82	0.78	0.83	0.80	0.88
45-54	0.90	0.90	0.91	0.92	0.93	0.79	0.82	0.89	0.88	0.82	0.88
55-64	0.95	0.94	0.96	0.96	0.99	0.84	0.88	0.90	0.88	0.83	0.89
65+	1.01	1.02	1.01	1.03	1.03	0.94	0.95	0.90	0.89	0.91	0.85
15+	0.91	0.90	0.92	0.93	0.95	0.78	0.82	0.82	0.83	0.81	0.85
0+	0.90	0.89	0.91	0.92	0.94	0.78	0.82	0.81	0.81	0.81	0.84

Source: U.S. Census Bureau, Current Population Survey, November 2020.

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

[B] Hispanics may be any race.

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

Comparability of Data. Data obtained from the CPS and other sources are not entirely comparable. This is due to differences in interviewer training and experience and in differing survey processes.[5] These differences are examples of nonsampling variability not reflected in the standard errors. Therefore, caution should be used when comparing results from different sources.

Data users should be careful when comparing the data from this microdata file, which reflects 2010 Census-based controls, with microdata files which reflect 2000 Census-based controls. Ideally, the same population controls should be used when comparing any estimates. In reality, the use of the same population controls is not practical when comparing trend data over a period of 10 to 20 years. Thus, when it is necessary to combine or compare data based on different controls or different designs, data users should be aware that changes in weighting controls or weighting procedures can create small differences between estimates. See the discussion following for information on comparing estimates derived from different populations or different sample designs.

Microdata files from previous years reflect the latest available census-based controls. Although the most recent change in population controls had relatively little impact on summary measures such as averages, medians, and percentage distributions, it did have a significant impact on levels. For example, use of 2010 Census-based controls results in about a 0.2 percent increase from the 2000 Census-based controls in the civilian noninstitutionalized population and in the number of families and households. Thus, estimates of levels for data collected in 2012 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population.

[5] Survey processes include, but are not limited to, question wording, universe, sampling frame, interview modes, and weighting.

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").[6] 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 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

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

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 Voting and Registration estimates. These methods primarily measure the magnitude of sampling error. However, they do measure some effects of nonsampling error as well. They do not measure systematic biases in the data associated with nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

Generalized Variance Parameters. While it is possible to 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 generalized variance function (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;
- Table 8 provides GVF parameters for characteristics from the November 2020 supplement;

- Tables 9 through 11 provide GVF voting and registration parameters for Total or White for U.S. states, divisions, and regions; and
- Tables 12 through 14 provide factors and population controls to derive other U.S. state, division, and regional parameters.

The basic CPS questionnaire records the race and ethnicity of each respondent. With respect to race, a respondent can be White, Black, Asian, American Indian and Alaskan Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI), or combinations of two or more of the preceding. A respondent's ethnicity can be Hispanic or non-Hispanic, regardless of race.

The GVF parameters to use in computing standard errors are dependent upon the race/ethnicity group of interest. 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[A] population	Hispanic[A]
Two or more races[B] – employment/unemployment and educational attainment characteristics	Black
Two or more races[B] – all other characteristics	Asian, AIAN, NHOPI

Source: U.S. Census Bureau, Current Population Survey, internal data files.

[A] Hispanics may be any race.

[B] Two or more races refers to the group of cases self-classified as having two or more races.

When calculating standard errors for an estimate of interest from cross-tabulations involving different characteristics, use the set of GVF parameters for the characteristic that will give the largest standard error. If the estimate of interest is strictly from basic CPS data, the GVF parameters will come from the CPS GVF table (Table 7). If the estimate is using Voting and Registration supplement data, the GVF parameters will come from the Voting and Registration 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 5,643,000 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)	5,643,000
a-parameter (a)	-0.000031
b-parameter (b)	2,947
Standard error	125,000
90-percent confidence interval	5,437,000 to 5,849,000

Source: U.S. Census Bureau, Current Population Survey, Voting and Registration Supplement, November 2020.

The standard error is calculated as

$$s_x = \sqrt{-0.000031 \times 5{,}643{,}000^2 + 2{,}947 \times 5{,}643{,}000},$$

which, rounded to the nearest thousand, is 125,000. The 90-percent confidence interval is calculated as 5,643,000 ± 1.645 × 125,000.

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:

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

Here y is the total number of people, families, households, or unrelated individuals in the base or denominator of the percentage, p is the percentage $100*x/y$ ($0 \leq p \leq 100$), and b is the parameter in Table 7 or 8 associated with the characteristic in the numerator of the percentage.

Illustration 2

In November 2020, out of 251,464,000 people with at least an elementary school education, 61.4 percent reported voting. 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 people that reported voting (p)	61.4
Base (y)	251,464,000
b-parameter (b)	5,411
Standard error	0.23
90-percent confidence interval	61.0 to 61.8

Source: U.S. Census Bureau, Current Population Survey, Voting and Registration Supplement, November 2020.

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{5{,}411}{251{,}464{,}000} \times 61.4 \times (100.0 - 61.4)} = 0.23$$

and the 90-percent confidence interval for the estimated percentage of people with at least an elementary school education who reported voting is from 61.0 to 61.8 percent (i.e., 61.4 ± 1.645 × 0.23).

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

$$s_{x_1 - x_2} = \sqrt{\left(s_{x_1}\right)^2 + \left(s_{x_2}\right)^2} \tag{3}$$

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

The November 2020 supplement showed that out of 121,468,000 men who had at least an elementary school education, 72,401,000, or 59.6 percent, had voted, and of the 129,996,000 women who had at least an elementary school education, 82,102,000, or 63.2 percent, had voted. Table 5 shows how to use the appropriate parameters from Table 8 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 that voted (p)	59.6	63.2	3.6
Base (y)	121,468,000	129,996,000	-
b-parameter (b)	5,411	5,411	-
Standard error	0.33	0.31	0.45
90-percent confidence interval	59.1 to 60.1	62.7 to 63.7	2.9 to 4.3

Source: U.S. Census Bureau, Current Population Survey, Voting and Registration Supplement, November 2020.

The standard error of the difference is calculated as

$$s_{x_1-x_2} = \sqrt{0.33^2 + 0.31^2} = 0.45$$

and the 90-percent confidence interval around the difference is calculated as 3.6 ± 1.645 × 0.45. Since this interval does not include zero, we can conclude with 90-percent confidence that the percentage of women with at least an elementary school education who voted is greater than the percentage of men with at least an elementary school education who voted.

Standard Errors for State, Division, and Region Estimates. Standard errors for state, division, and region estimates may be obtained by using the state, division, and region parameters. The state, division, and region parameters for Total or White population voting and registration estimates are included in Tables 9, 10, and 11. The state, division, and region parameters for other subpopulation groups are determined by multiplying the a- and b-parameters in Table 8 by the appropriate factor from Tables 12, 13, or 14. The state factors are contained in Table 12, the division factors in Table 13, and the region factors in Table 14. After determining the correct parameter, use the standard error formulas discussed earlier in the text to calculate standard error estimates.

Illustration 4

About 6,281,000 people (41.6 percent) have completed at least a bachelor's degree out of about 15,105,000 people aged 18 and over living in New York. Following the method mentioned above, obtain the needed state parameter by multiplying the parameter in Table 8 by the state factor in Table 12 for the state of interest. In this example, the educational attainment parameter for Total or White in New York is calculated as b = 4,484 × 1.19 = 5,336. Table 6 shows how to use the appropriate parameter from Table 8 and Formula (2) with the new b-parameter, 5,336, to estimate the standard error and confidence interval.

Table 6. Illustration of Standard Errors of State Estimates

Percentage of people in New York that completed at least a bachelor's degree (p)	41.6
Base (y)	15,105,000
b-parameter (b)	5,336
Standard error	0.93
90-percent confidence interval	40.1 to 43.1

Source: U.S. Census Bureau, Current Population Survey, Voting and Registration Supplement, November 2020.

Standard Errors of Quarterly or Yearly Averages. For information on calculating standard errors for labor force data from the CPS which involve quarterly or yearly averages, please see Bureau of Labor Statistics (2006).

Technical Assistance. If you require assistance or additional information, please contact the Demographic Statistical Methods Division via e-mail at dsmd.source.and.accuracy@census.gov.

Table 7. Parameters for Computation of Standard Errors for Labor Force Characteristics: November 2020

Characteristic	*a*	*b*
Total or White		
Civilian labor force, employed	-0.000013	2,481
Unemployed	-0.000017	3,244
Not in labor force	-0.000013	2,432
Civilian labor force, employed, not in labor force, and unemployed		
Men	-0.000031	2,947
Women	-0.000028	2,788
Both sexes, 16 to 19 years	-0.000261	3,244
Black		
Civilian labor force, employed, not in labor force, and unemployed		
Total	-0.000117	3,601
Men	-0.000249	3,465
Women	-0.000191	3,191
Both sexes, 16 to 19 years	-0.001425	3,601
Asian, American Indian and Alaska Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI)		
Civilian labor force, employed, not in labor force, and unemployed		
Total	-0.000245	3,311
Men	-0.000537	3,397
Women	-0.000399	2,874
Both sexes, 16 to 19 years	-0.004078	3,311
Hispanic, may be of any race		
Civilian labor force, employed, not in labor force, and unemployed		
Total	-0.000087	3,316
Men	-0.000172	3,276
Women	-0.000158	3,001
Both sexes, 16 to 19 years	-0.000909	3,316

Source: U.S. Census Bureau, Internal Current Population Survey data files for the 2010 Design.

Notes: These parameters are to be applied to basic CPS monthly labor force estimates. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Hispanic, and Asian, AIAN, NHOPI parameters. For the groups self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all employment characteristics.

Table 8. Parameters for Computation of Standard Errors for Voting and Registration Characteristics: November 2020

Characteristics	Total or White		Black		Asian, AIAN, NHOPI[A]		Hispanic[B]	
	a	*b*	*a*	*b*	*a*	*b*	*a*	*b*
Voting, registration, reasons for not voting or registering (includes breakdowns by: Citizenship, Household relationship, Family householder by presence of children, Marital status, Duration of residence, Tenure, Education level, Family income of persons, Occupation group)	-0.000021	5,411	-0.000086	4,941	-0.000211	5,249	-0.000139	5,923
CHARACTERISTICS OF ALL PERSONS, VOTING AND NONVOTING								
Marital Status	-0.000017	4,186	-0.000077	4,386	-0.000157	3,911	-0.000110	4,680
Education of Persons	-0.000018	4,484	-0.000083	4,729	-0.000175	4,350	-0.000115	4,907
Persons by Family Income	-0.000023	5,728	-0.000101	5,748	-0.000215	5,361	-0.000144	6,128
Duration of Residence Tenure	-0.000022	5,451	-0.000095	5,448	-0.000211	5,261	-0.000137	5,839
HOUSEHOLD RELATIONSHIPS, VOTING AND NONVOTING								
Householder, Spouse of householder	-0.000018	4,462	-0.000075	4,305	-0.000183	4,552	-0.000115	4,905
Nonrelative or Other Relative of Householder	-0.000018	4,621	-0.000085	4,836	-0.000196	4,875	-0.000123	5,242

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

[A] AIAN is American Indian and Alaska Native, and NHOPI is Native Hawaiian and Other Pacific Islander.

[B] Hispanics may be any race.

Notes: These parameters are to be applied to the Voting and Registration Supplement data. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters. For the group self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all characteristics except employment, unemployment, and educational attainment, in which case use Black parameters. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

Table 9. Parameters for Computation of State Standard Errors for Voting and Registration Characteristics of Total or White Population: November 2020

State	*a*	*b*
Alabama	-0.001261	6,114
Alaska	-0.001389	974
Arizona	-0.000856	6,277
Arkansas	-0.001328	3,950
California	-0.000161	6,277
Colorado	-0.001100	6,331
Connecticut	-0.001354	4,762
Delaware	-0.001283	1,245
District of Columbia	-0.001388	974
Florida	-0.000281	6,060
Georgia	-0.000595	6,277
Hawaii	-0.001319	1,786
Idaho	-0.001192	2,164
Illinois	-0.000505	6,277
Indiana	-0.000923	6,169
Iowa	-0.001352	4,221
Kansas	-0.001536	4,383
Kentucky	-0.001430	6,277
Louisiana	-0.001266	5,736
Maine	-0.001702	2,273
Maryland	-0.001080	6,439
Massachusetts	-0.000893	6,114
Michigan	-0.000629	6,223
Minnesota	-0.001115	6,277
Mississippi	-0.001324	3,842
Missouri	-0.001056	6,385
Montana	-0.001118	1,190
Nebraska	-0.001440	2,760
Nevada	-0.001251	3,896
New Hampshire	-0.001400	1,894
New Jersey	-0.000709	6,223
New Mexico	-0.001152	2,381
New York	-0.000337	6,439
North Carolina	-0.000612	6,385

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with state-level voting and registration estimates for the Total or White population. For state-level estimates of subpopulation groups, please use the factors provided in Table 12.

Table 9. Parameters for Computation of State Standard Errors for Voting and Registration Characteristics of Total or White Population: November 2020

State	*a*	*b*
North Dakota	-0.001295	974
Ohio	-0.000539	6,223
Oklahoma	-0.001485	5,790
Oregon	-0.001357	5,736
Pennsylvania	-0.000498	6,277
Rhode Island	-0.001449	1,515
South Carolina	-0.001179	6,060
South Dakota	-0.001423	1,245
Tennessee	-0.000907	6,169
Texas	-0.000218	6,331
Utah	-0.000849	2,760
Vermont	-0.001752	1,082
Virginia	-0.000769	6,439
Washington	-0.000830	6,331
West Virginia	-0.001548	2,706
Wisconsin	-0.001087	6,277
Wyoming	-0.001518	866

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with state-level voting and registration estimates for the Total or White population. For state-level estimates of subpopulation groups, please use the factors provided in Table 12.

Table 10. Parameters for Computation of Division Standard Errors for Voting and Registration Characteristics of Total or White Population: November 2020

Divison	*a*	*b*
New England	-0.000304	4,474
Middle Atlantic	-0.000156	6,331
East North Central	-0.000134	6,223
West North Central	-0.000237	5,032
South Atlantic	-0.000092	6,006
East South Central	-0.000309	5,844
West South Central	-0.000149	6,006
Mountain	-0.000182	4,545
Pacific	-0.000114	6,060

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with census division-level voting and registration estimates for the Total or White population. For census division-level estimates of subpopulation groups, please use the factors provided in Table 13.

Table 11. Parameters for Computation of Region Standard Errors for Voting and Registration Characteristics of Total or White Population: November 2020

Divison	*a*	*b*
Northeast	-0.000106	5,844
Midwest	-0.000087	5,898
South	-0.000048	6,006
West	-0.000071	5,573
All Except South	-0.000029	5,757

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with census region-level voting and registration estimates for the Total or White population. For census region-level estimates of subpopulation groups, please use the factors provided in Table 14.

Table 12. Factors and Populations for State Parameters: November 2020

State	Factor	Population	State	Factor	Population
Alabama	1.13	4,848,016	Montana	0.22	1,064,339
Alaska	0.18	701,359	Nebraska	0.51	1,916,304
Arizona	1.16	7,333,318	Nevada	0.72	3,114,017
Arkansas	0.73	2,975,201	New Hampshire	0.35	1,352,682
California	1.16	39,082,941	New Jersey	1.15	8,782,619
Colorado	1.17	5,754,825	New Mexico	0.44	2,066,035
Connecticut	0.88	3,516,138	New York	1.19	19,132,536
Delaware	0.23	970,585	North Carolina	1.18	10,428,177
District of Columbia	0.18	701,777	North Dakota	0.18	751,906
Florida	1.12	21,541,055	Ohio	1.15	11,535,459
Georgia	1.16	10,552,479	Oklahoma	1.07	3,898,511
Hawaii	0.33	1,353,948	Oregon	1.06	4,226,459
Idaho	0.40	1,815,813	Pennsylvania	1.16	12,612,067
Illinois	1.16	12,420,463	Rhode Island	0.28	1,045,864
Indiana	1.14	6,683,026	South Carolina	1.12	5,140,403
Iowa	0.78	3,121,124	South Dakota	0.23	874,895
Kansas	0.81	2,853,262	Tennessee	1.14	6,800,729
Kentucky	1.16	4,390,546	Texas	1.17	29,022,326
Louisiana	1.06	4,531,572	Utah	0.51	3,250,038
Maine	0.42	1,335,568	Vermont	0.20	617,624
Maryland	1.19	5,960,269	Virginia	1.19	8,371,089
Massachusetts	1.13	6,843,810	Washington	1.17	7,625,911
Michigan	1.15	9,889,361	West Virginia	0.50	1,748,188
Minnesota	1.16	5,627,921	Wisconsin	1.16	5,774,842
Mississippi	0.71	2,900,897	Wyoming	0.16	570,347
Missouri	1.18	6,047,523			

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with state-level voting and registration estimates for subpopulation groups. The state population counts in this table are for the 0+ population. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, and Hispanic.

Table 13. Factors and Populations for Division Parameters: November 2020

Divison	Factor	Population
New England	0.83	14,711,686
Middle Atlantic	1.17	40,527,222
East North Central	1.15	46,303,151
West North Central	0.93	21,192,935
South Atlantic	1.11	65,414,022
East South Central	1.08	18,940,188
West South Central	1.11	40,427,610
Mountain	0.84	24,968,732
Pacific	1.12	52,990,618

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with census division-level voting and registration estimates for subpopulation groups. The census division population counts in this table are for the 0+ population. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, and Hispanic.

Table 14. Factors and Populations for Region Parameters: November 2020

Divison	Factor	Population
Northeast	1.08	55,238,908
Midwest	1.09	67,496,086
South	1.11	124,781,820
West	1.03	77,959,350
All Except South	1.06	200,694,344

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Voting and Registration Supplement, November 2020.

Notes: These parameters are for use with census region-level voting and registration estimates for subpopulation groups. The census region population counts in this table are for the 0+ population. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, and Hispanic.

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ATTACHMENT 17

USER NOTES

Due to the events surrounding the COVID pandemic, options were added for questions regarding reasons for not voting or registering to vote (PES3 and PES4).