CURRENT POPULATION SURVEY, DECEMBER 2019
FOOD SECURITY FILE

TECHNICAL DOCUMENTATION

This file documentation consists of the following materials:

NOTE

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

Questions about the **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, December 2019: Food Security Supplement machine-readable data file] / conducted by the Bureau of the Census for the Bureau of Labor Statistics. Washington: U.S. Census Bureau [producer and distributor], 2019.

Type of File

Microdata; unit of observation is individuals within housing units.

Universe Description

The universe consists of all persons in the civilian non-institutional 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 CPS Food Security Supplement was conducted by the U.S. Census Bureau for the Economic Research Service (ERS) of the U.S. Department of Agriculture (USDA). Supplement questions were asked of all interviewed households, as appropriate. The supplement was intended to research the full range of severity of food insecurity as experienced in U.S. households. Responses to individual items should not be used as meaningful measures of food insufficiency, food insecurity, or hunger.

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: 138,964 logical records; 1,276 character logical record length.

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

Reference Materials:

Current Population Survey, December 2019: Food Security Supplement Technical Documentation.
Documentation contains this abstract, questionnaire facsimiles, and record layouts of the file.

U.S. Census Bureau. *The Current Population Survey Design and Methodology* (Technical Paper 77)
describes in detail the sample design and survey procedures used as well as the accuracy of estimates and
sampling errors. Reference copies should be available from most public libraries or Federal Depository
Libraries.

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

File Availability:

You can obtain the file on the CPS FTP download website at
http://thedataweb.rm.census.gov/ftp/cps_ftp.html and the technical documentation is at
http://www.census.gov/programs-surveys/cps/technical-documentation.html

ATTACHMENT 2

OVERVIEW

Current Population Survey

Introduction

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

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

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

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

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

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

CPS Sample Design

The current CPS sample is selected based on 2010 census information. The first stage of the 2010 sample design created 1,987 geographic areas called primary sampling units (PSUs) in the entire United States. These PSUs were grouped into strata within each state. Some of these PSUs formed strata by themselves and were in sample with certainty, which is referred to as self-representing. Of the remaining nonself-representing PSUs, one PSU was selected from each stratum with the probability of selection proportional to the population of the PSU. A total of 852 PSUs were selected for sampling. The second stage of the sample design selected housing units within these PSUs.

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

Relationship of Current Population Survey Files to Publications

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

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

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

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

Geographic Limitations

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

Weights

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

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

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

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

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

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

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

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

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

Comparability of CPS From Microdata Files With Published Sources

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

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

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

December 2019 Food Security Supplement

General

Census Bureau staff conducted the December 2019 Food Security Survey as a supplement to the Current Population Survey (CPS). The CPS is a monthly labor force survey in which interviews are conducted in approximately 54,000 households across the nation. December 2019 was the 24th time the Food Security survey was conducted. Previous collections were conducted in April 1995, September 1996, April 1997, August 1998, April 1999, September 2000, April 2001, and then annually in December from 2001 to 2018. Attachment 8 contains the Food Security supplement questions asked of all interviewed households in December 2019.

Attachment 2 contains a description of the CPS entitled "Overview--Current Population Survey." The following is a description of the December 2019 Food Security Survey.

Data Collection

The food security questions were asked of all interviewed households, as appropriate. Items S1A through S8 dealt with food expenditures. Items S8B through S8D dealt with minimum food spending needed. Items S9 through SP9 dealt with food program participation. Items SS1 through SSHM5 dealt with concerns about food sufficiency. The last series of questions, SC1 through SCM4 dealt with ways of coping with not having enough food.

These items are being used by the supplement sponsor to produce a scaled measure of food insecurity. RESPONSES TO INDIVIDUAL ITEMS IN THIS SUPPLEMENT MAY NOT BE MEANINGFUL MEASURES OF FOOD INSECURITY. Measures that combine information from multiple items (HRFS12M1 and following) are generally considered to be more reliable measures of food security and food insecurity.

Data Processing

The data processing involved editing the December supplement data. This process is described below.

Edits and Allocations – The data processing involved a consistency edit of all supplement items. The consistency edit ensured that the entries within an individual record followed the correct skip pattern. Items with missing entries were assigned missing codes as appropriate. The valid values for each variable are defined in the supplement record layout (Attachment 7).

Weighting – There are household and person supplement weights associated with the December 2019 Food Security supplement. Use these weights for tallying the supplement items. Limit the sample to one record per household for household tallies.

December 2019 CPS/Food Security Data File

CPS Labor Force Data. The December 2019 CPS file contains 138,964 records. Each record contains 1,276 characters. Attachment 7 contains the variable name, character size, location on record, universe, and the values of the variables.

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 December 2017 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 temporarily ineligible for the CPS by virtue of 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 demolition, condemnation, 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 for person records with HRINTSTA=1 are:

1 =	(Child)	20,806
2 =	(Adult Civilian, 15+)	96,697
3 =	(Adult, Armed Forces)	429

The values of HRINTSTA for household records are:

1 =	Interview	49,259
2 =	Type A Noninterview	10,579
3 =	Type B Noninterview	9,911
4 =	Type C Noninterview	542

December 2019 Food Security Supplement Data

The December 2019 supplement data for the household are located in character positions 1001-1274 (See Attachment 7.)

Supplement interview status is identified by the supplement interview status variable, HRSUPINT, located in character positions 1167-1168.

The values of HRSUPINT for household records with HRINTSTA=1 are:

1	Interview (supplement)	34,334
2	Noninterview (supplement)	14,925

Tallying the December 2019 Food Security Supplement File

The December 2019 supplement universe represented the full CPS sample comprised of all interviewed CPS households.

Definition of a Supplement Partial Interview. Data quality can be measured by knowing the number and percentage of successful interviews to the overall universe for a data collection. An eligible person (or household) for any data collection is determined to be an interview when the definition of a partial interview is satisfied. For the 2019 Food Security Supplement, all households were eligible for the supplement if they completed the basic CPS interview. There are certain criteria to determine if the household can be deemed a partial supplement interview, and that criteria is given here.

A household respondent that responds as indicated below, to five (5) or more of the following supplement questions, is determined to be a supplement interview.

SC1 = <1> or <2>
SC3 = <1> or <2>
SC4 = <1> or <2>
SH2 = <1> or <2>
SSH1 = <1> or <2>
SH3 = <1> or <2>
SH4 = <1> or <2>
SH5 = <1> or <2>
SS2 = <1>, <2>, or <3>
SS3 = <1>, <2>, or <3>
SS4 = <1>, <2>, or <3>

Alternatively, a household that responds to supplement item SS1 with a <1>, <2>, <3>, or <4> is also considered a supplement interview.

Unweighted Counts. Attachment 13 is a tally listing of unweighted counts of supplement households. Use these counts to ensure that the file is being properly accessed.

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
   V -   Allocation flag (see Attachment 15 for more information)
   W -   Weight
   R -   Recode

⊄   The remaining characters describe the variable.

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

ATTACHMENT 6

CPS RECORD LAYOUT FOR BASIC LABOR FORCE ITEMS

STANDARD PUBLIC USE FILES

A1. HOUSEHOLD INFORMATION

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

NAME	SIZE	DESCRIPTION	LOCATION
HRHHID	15	HOUSEHOLD IDENTIFIER (Part 1)	1- 15

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

Part 1. See Characters 71-75 for Part 2 of the Household Identifier.

HRMONTH	2	MONTH OF INTERVIEW	16-17

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

01   MIN VALUE
12   MAX VALUE

HRYEAR4	4	YEAR OF INTERVIEW	18-21

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

1998 MIN VALUE
2999 MAX VALUE

HURESPLI	2	LINE NUMBER OF THE CURRENT RESPONDENT	22 - 23

VALID ENTRIES

0   MIN VALUE
99   MAX VALUE

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

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

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

259 UNIT DOES NOT EXIST/OUT OF SCOPE
256 REMOVED DURING SUB-SAMPLING
257 UNIT ALREADY HAD A CHANCE OF SELECTION

FILLER 2 27 - 28

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

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

VALID ENTRIES

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

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

HEHOUSUT 2 TYPE OF HOUSING UNIT 31 - 32

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

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

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

EDITED UNIVERSE: HRINTSTA = 1

VALID ENTRIES

NAME	SIZE	DESCRIPTION	LOCATION

1   YES
2   NO

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

EDITED UNIVERSE: HETELHHD = 2

VALID ENTRIES

1   YES
2   NO

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

EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1

VALID ENTRIES
0   NO
1   YES

| 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.) | 39 - 40 |

Edited beginning January 2010

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

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

NAME	SIZE	DESCRIPTION	LOCATION

	8	25,000 TO 29,999	
	9	30,000 TO 34,999	
	10	35,000 TO 39,999	
	11	40,000 TO 49,999	
	12	50,000 TO 59,999	
	13	60,000 TO 74,999	
	14	75,000 TO 99,999	
	15	100,000 TO 149,999	
	16	150,000 OR MORE	

| HUTYPEA | 2 | TYPE A NONINTERVIEW REASON | 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 |

VALID ENTRIES

	1	DEMOLISHED	
	2	HOUSE OR TRAILER MOVED	
	3	OUTSIDE SEGMENT	
	4	CONVERTED TO PERM. BUSINESS OR STORAGE	
	5	MERGED	
	6	CONDEMNED	
	7	UNUSED LINE OF LISTING SHEET	
	8	UNLOCATABLE SAMPLE ADDRESS	

NAME	SIZE	DESCRIPTION	LOCATION

9   UNIT DOES NOT EXIST/OUT OF SCOPE
10   OTHER - SPECIFY

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

EDITED UNIVERSE: HRINTSTA = 1

HRINTSTA   2   INTERVIEW STATUS   57 - 58

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

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

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

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

0   MIN VALUE
16   MAX VALUE

HRHTYPE   2   HOUSEHOLD TYPE   61 - 62

EDITED UNIVERSE: ALL HHLDs IN SAMPLE

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

HRMIS   2   MONTH-IN-SAMPLE   63 - 64
EDITED UNIVERSE: ALL HHLDs IN SAMPLE

<u>VALID ENTRIES</u>

1   MIN VALUE
8   MAX VALUE

HUINTTYP   2   TYPE OF INTERVIEW   65 - 66

<u>VALID ENTRIES</u>

0   NONINTERVIEW/INDETERMINATE
1   PERSONAL
2   TELEPHONE

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

<u>VALID ENTRIES</u>

1   MIN VALUE
9   MAX VALUE

HRLONGLK   2   LONGITUDINAL LINK INDICATOR   69 - 70
EDITED UNIVERSE: ALL HHLDs IN SAMPLE

<u>VALID ENTRIES</u>

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

HRHHID2   5   HOUSEHOLD IDENTIFIER (part 2)   71 - 75

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

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

The component parts of this number are as follows:
71-72   Numeric component of the sample number (HRSAMPLE)
73-74   Serial suffix-converted to numerics (HRSERSUF)
75   Household Number (HUHHNUM)

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

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE: HRINTSTA = 1

<u>VALID ENTRIES</u>

0   MIN VALUE
16 MAX VALUE

FILLER   1   78 - 78

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

<u>VALID ENTRIES</u>

1   YES
2   NO

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

<u>VALID ENTRIES</u>

01 MIN VALUE
99 MAX VALUE

HUBUSL2   2   See BUSL1   83 - 84

<u>VALID ENTRIES</u>

1   MIN VALUE
99 MAX VALUE

HUBUSL3   2   See BUSL1   85 - 86

<u>VALID ENTRIES</u>

1   MIN VALUE
99 MAX VALUE

HUBUSL4   2   See BUSL1   87 - 88

<u>VALID ENTRIES</u>

1   MIN VALUE
99 MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION

A2. GEOGRAPHIC INFORMATION

| GEREG | 2 | REGION | 89 - 90 |

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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

| GEDIV | 1 | DIVISION | 91 - 91 |

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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

| FILLER | 1 | | 92 – 92 |

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

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

09 CT	36 NY
10 DE	37 NC
11 DC	38 ND
12 FL	39 OH
13 GA	40 OK
15 HI	41 OR
16 ID	42 PA
17 IL	44 RI
18 IN	45 SC
19 IA	46 SD
20 KS	47 TN
21 KY	48 TX
22 LA	49 UT
23 ME	50 VT
24 MD	51 VA
25 MA	53 WA
26 MI	54 WV
27 MN	55 WI
28 MS	56 WY
29 MO	

FILLER   1   95 - 95

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

               EDITED UNIVERSE: ALL HHLD's IN SAMPLE

               VALID ENTRIES

               00000   NOT IDENTIFIED OR NONMETROPOLITAN
               10180   MIN VALUE
               49740   MAX VALUE

GTCO   3   FIPS COUNTY CODE   101 - 103

               EDITED UNIVERSE: ALL HHLD's IN SAMPLE

               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.

NAME	SIZE	DESCRIPTION	LOCATION

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

GTCBSAST   1   PRINCIPAL CITY/BALANCE STATUS   104 - 104

                 EDITED UNIVERSE: ALL HHLD's IN SAMPLE

                 <u>VALID ENTRIES</u>

          1   PRINCIPAL CITY
          2   BALANCE
          3   NONMETROPOLITAN
          4   NOT IDENTIFIED

GTMETSTA   1   METROPOLITAN STATUS   105 - 105

                 EDITED UNIVERSE: ALL HHLD's IN SAMPLE

                 <u>VALID ENTRIES</u>

          1   METROPOLITAN
          2   NONMETROPOLITAN
          3   NOT IDENTIFIED

GTINDVPC   1   INDIVIDUAL PRINCIPAL CITY   106 - 106

                 EDITED UNIVERSE: ALL HHLD's IN SAMPLE

                 <u>VALID ENTRIES</u>

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

GTCBSASZ   1   Metropolitan Area (CBSA) SIZE   107 - 107

                 EDITED UNIVERSE: ALL HHLD's IN SAMPLE

                 <u>VALID ENTRIES</u>

NAME	SIZE	DESCRIPTION	LOCATION

0   NOT IDENTIFIED OR NONMETROPOLITAN
2   100,000 - 249,999
3   250,000 - 499,999
4   500,000 - 999,999
5   1,000,000 - 2,499,999
6   2,500,000 - 4,999,999
7   5,000,000+

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

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

000   NOT IDENTIFIED OR NONMETROPOLITAN
104   MIN VALUE
548   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	3		111 - 113

A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2	Starting January 2014	114 - 117
PERRP	2	RELATIONSHIP TO REFERENCE PERSON	118 - 119

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

EXPANDED RELATIONSHIP CATEGORIES
01   REFERENCE PERSON W/RELS.
02   REFERENCE PERSON W/O RELS.
03   SPOUSE
04   CHILD
05   GRANDCHILD
06   PARENT
07   BROTHER/SISTER
08   OTHER REL. OR REF. PERSON
09   FOSTER CHILD

NAME	SIZE	DESCRIPTION	LOCATION

10   NONREL. OF REF. PERSON W/RELS.
11   NOT USED
12   NONREL. OF REF. PERSON W/O RELS.
13   UNMARRIED PARTNER W/RELS.
14   UNMARRIED PARTNER W/OUT RELS.
15   HOUSEMATE/ROOMMATE W/RELS.
16   HOUSEMATE/ROOMMATE W/OUT RELS.
17   ROOMER/BOARDER W/RELS.
18   ROOMER/BOARDER W/OUT RELS.

SEE LOCATION 114 - 115 FOR THE
COLLAPSED VERSION

PEPARENT   2   LINE NUMBER OF PARENT   120 - 121

EDITED UNIVERSE: EVERY PERSON

VALID ENTRIES

-1   NO PARENT
01   MIN VALUE
99   MAX VALUE

PRTAGE   2   PERSONS AGE   122 - 123

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

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

VALID ENTRIES

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

PRTFAGE   1   TOP CODE FLAG FOR AGE   124 - 124

VALID ENTRIES

0   NO TOP CODE
1   TOP CODED VALUE FOR AGE

NAME	SIZE	DESCRIPTION	LOCATION

PEMARITL 2 MARITAL STATUS 125 - 126

    EDITED UNIVERSE: PRTAGE >= 15

    <u>VALID ENTRIES</u>

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

PESPOUSE 2 LINE NUMBER OF SPOUSE 127 - 128

    EDITED UNIVERSE: PEMARITL = 1

    <u>VALID ENTRIES</u>

    -1   NO SPOUSE
    01   MIN VALUE
    99   MAX VALUE

PESEX 2 SEX 129 - 130

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

    <u>VALID ENTRIES</u>

    1   MALE
    2   FEMALE

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

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

    <u>VALID ENTRIES</u>

    1   YES
    2   NO

FILLER 2 Starting August 2005 133 - 134

NAME	SIZE	DESCRIPTION	LOCATION

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

                             EDITED UNIVERSE: PRPERTYP = 2 or 3

                             <u>VALID ENTRIES</u>

                             1   YES
                             2   NO

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

                             EDITED UNIVERSE: PRPERTYP = 2 0R 3

                             <u>VALID ENTRIES</u>

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

PTDTRACE 2   RACE   139 – 140

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

                             <u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

06 White-Black
07 White-AI
08 White-Asian
09 White-HP
10 Black-AI
11 Black-Asian
12 Black-HP
13 AI-Asian
14 AI-HP
15 Asian-HP
16 W-B-AI
17 W-B-A
18 W-B-HP
19 W-AI-A
20 W-AI-HP
21 W-A-HP
22 B-AI-A
23 W-B-AI-A
24 W-AI-A-HP
25 Other 3 Race Combinations
26 Other 4 and 5 Race Combinations

NAME	SIZE	DESCRIPTION	LOCATION
PRDTHSP	2	DETAILED HISPANIC ORIGIN GROUP	141 - 142

Revised January 2014

EDITED UNIVERSE: PEHSPNON = 1

<u>VALID ENTRIES</u>

1. Mexican
2. Puerto Rican
3. Cuban
4. Dominican
5. Salvadoran

NAME	SIZE	DESCRIPTION	LOCATION

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

VALID ENTRIES

00	NOT A FAMILY MEMBER
01	PRIMARY FAMILY MEMBER ONLY
02	SUBFAMILY NO. 2 MEMBER
03	SUBFAMILY NO. 3 MEMBER
04	SUBFAMILY NO. 4 MEMBER
05	SUBFAMILY NO. 5 MEMBER
06	SUBFAMILY NO. 6 MEMBER
07	SUBFAMILY NO. 7 MEMBER
08	SUBFAMILY NO. 8 MEMBER

NAME	SIZE	DESCRIPTION	LOCATION

09   SUBFAMILY NO. 9 MEMBER
10   SUBFAMILY NO. 10 MEMBER
11   SUBFAMILY NO. 11 MEMBER
12   SUBFAMILY NO. 12 MEMBER
13   SUBFAMILY NO. 13 MEMBER
14   SUBFAMILY NO. 14 MEMBER
15   SUBFAMILY NO. 15 MEMBER
16   SUBFAMILY NO. 16 MEMBER
17   SUBFAMILY NO. 17 MEMBER
18   SUBFAMILY NO. 18 MEMBER
19   SUBFAMILY NO. 19 MEMBER

PRFAMREL   2   FAMILY RELATIONSHIP RECODE   153 - 154

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

VALID ENTRIES

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

PRFAMTYP   2   FAMILY TYPE RECODE   155 - 156

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

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

1   HISPANIC
2   NON-HISPANIC

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

EDITED 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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

PEMNTVTY   3   MOTHER'S COUNTRY OF BIRTH   166 - 168

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

      <u>VALID ENTRIES</u>

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

PEFNTVTY   3   FATHER'S COUNTRY OF BIRTH   169 - 171

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

      <u>VALID ENTRIES</u>

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

PRCITSHP   2   CITIZENSHIP STATUS   172 - 173

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

      <u>VALID ENTRIES</u>

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

PRCITFLG   2   CITIZENSHIP ALLOCATION FLAG   174 - 175

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

NAME	SIZE	DESCRIPTION	LOCATION

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
23	2012-2013
24	2014-2017

Starting January 2018

24	2014-2015
25	2016-2018

Starting January 2019

25	2016-2019

NAME	SIZE	DESCRIPTION	LOCATION

A4. PERSONS INFORMATION LABOR FORCE ITEMS

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

VALID ENTRIES

1   SELF
2   PROXY
3   BOTH SELF AND PROXY

PEMLR   2   MONTHLY LABOR FORCE RECODE   180 - 181

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

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

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

VALID ENTRIES

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

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

VALID ENTRIES

1   YES
2   NO

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

VALID ENTRIES

1 YES
2 NO

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

VALID ENTRIES

1 GOTO PUBUS1
2 GOTO PURETCK1

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

VALID ENTRIES

1 GOTO PUHRUSL1
2 GOTO PUBUS2

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

VALID ENTRIES

1 GOTO PUABSRSN
2 GOTO PULAY

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

VALID ENTRIES

1 GOTO PUHRUSL1
2 GOTO PUABSPD

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

VALID ENTRIES

1 YES
2 NO
3 WAS NOT RETIRED LAST MONTH

NAME	SIZE	DESCRIPTION	LOCATION

PUDIS   2   DISABILITY STATUS   198 - 199

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

VALID ENTRIES

1   YES
2   NO
3   DID NOT HAVE DISABILITY LAST MONTH

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

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

VALID ENTRIES

1   YES
2   NO
3   HAS A JOB

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

VALID ENTRIES

1   YES
2   NO

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

VALID ENTRIES

1   YES
2   NO

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

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

VALID ENTRIES

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

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

EDITED UNIVERSE: PEMLR = 2

VALID ENTRIES

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

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

EDITED UNIVERSE: PEABSRSN = 4-12, 14

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

1   YES
2   NO

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

EDITED UNIVERSE: PEMLR = 1, 2

VALID ENTRIES

1   YES
2   NO

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

EDITED UNIVERSE: PEMJOT = 1

VALID ENTRIES

2   2 JOBS
3   3 JOBS
4   4 OR MORE JOBS

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

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

VALID ENTRIES

-4   HOURS VARY
0   MIN VALUE
99   MAX VALUE

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

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

VALID ENTRIES

-4   HOURS VARY
0   MIN VALUE
99   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION

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

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

<u>VALID ENTRIES</u>

1   YES
2   NO
3   HOURS VARY

PEHRUSLT   3   SUM OF HRUSL1 AND HRUSL2.   224 - 226

EDITED UNIVERSE: PEMLR = 1 OR 2

<u>VALID ENTRIES</u>

-4   VARIES
0   MIN VALUE
198 MAX VALUE

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

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

<u>VALID ENTRIES</u>

1   YES
2   NO
3   REGULAR HOURS ARE FULL-TIME

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

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

<u>VALID ENTRIES</u>

1   SLACK WORK/BUSINESS CONDITIONS
2   COULD ONLY FIND PART-TIME WORK
3   SEASONAL WORK
4   CHILD CARE PROBLEMS
5   OTHER FAMILY/PERSONAL OBLIGATIONS

    6   HEALTH/MEDICAL LIMITATIONS
    7   SCHOOL/TRAINING
    8   RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS
    9   FULL-TIME WORKWEEK IS LESS THAN 35 HRS
    10   OTHER - SPECIFY

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

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

                         VALID ENTRIES

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

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

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

                         VALID ENTRIES

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

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

NAME	SIZE	DESCRIPTION	LOCATION

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

VALID ENTRIES

1   YES
2   NO

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

VALID ENTRIES

0   MIN VALUE
99   MAX VALUE

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

VALID ENTRIES

1   YES
2   NO

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

VALID ENTRIES

0   MIN VALUE
99   MAX VALUE

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

EDITED UNIVERSE: PEMLR = 1

VALID ENTRIES

0   MIN VALUE
99   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION

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

                 EDITED UNIVERSE: PEMLR = 1 AND PEMJOT = 1

                 <u>VALID ENTRIES</u>

                 0   MIN VALUE
                 99   MAX VALUE

PEHRACTT   3   SUM OF PEHRACT1 AND PEHRACT2.   247 - 249

                 EDITED UNIVERSE: PEMLR = 1

                 <u>VALID ENTRIES</u>

                 0   MIN VALUE
                 198 MAX VALUE

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

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

                 <u>VALID ENTRIES</u>

                 1   YES
                 2   NO

FILLER   5   252 - 256

PUHRCK1   2   CHECK ITEM 1   257 - 258

                 <u>VALID ENTRIES</u>

                 1   GOTO PUHRUSL2
                 2   GOTO PUHRUSLT

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

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

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

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

5   ALL OTHERS GOTO HRCK3-C

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

VALID ENTRIES

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

2   IF ENTRY OF 3 IN RET1 GOTO HRCK8

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

4   IF ENTRY IN HRUSLT IS 35+ GOTO HROFF1

5   ALL OTHERS GOTO HRCK4-C

6   GOTO PUHRCK4

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

VALID ENTRIES

1   IF ENTRY OF 1, D, R OR V
IN HRFTPT THEN GOTO HRACT1

2   IF ENTRY OF 2, D OR R IN BUS2 THEN GOTO HROFF1

3   IF HRUSLT IS 0-34 THEN GOTO HRWANT

4   IF ENTRY OF 2 IN HRFTPT THEN GOTO HRWANT

5   ALL OTHERS GOTO HRACT1

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

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES</u>

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

PUHRCK6   2   CHECK ITEM 6   267 - 268

<u>VALID ENTRIES</u>

1   IF HRACT1 AND HRACT2 EQ 0 AND
     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

<u>VALID ENTRIES</u>

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

<u>VALID ENTRIES</u>

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

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

<u>VALID ENTRIES</u>

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION

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

VALID ENTRIES

1   YES
2   NO

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

EDITED UNIVERSE: PEMLR = 3

VALID ENTRIES

1   YES
2   NO

PULAYAVR   2   WHY IS THAT?   279 - 280

VALID ENTRIES

1   OWN TEMPORARY ILLNESS
2   GOING TO SCHOOL
3   OTHER

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

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

NAME	SIZE	DESCRIPTION	LOCATION

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

EDITED UNIVERSE: PELAYDUR = 0-120

VALID ENTRIES

1   YES
2   NO

PULAYCK1 2 CHECK ITEM 1 288 - 289

VALID ENTRIES

1   GOTO PULAYCK3
2   GOTO PULAYFT
3   GOTO PULAYDR

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

VALID ENTRIES

1   GOTO PULAYDR3
2   GOTO PULAYFT

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

VALID ENTRIES

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

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

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

EDITED UNIVERSE: PEMLR = 4

VALID ENTRIES

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION

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

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

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

PULKM6 2 SAME AS PULKM2 (SIXTH METHOD) 306 - 307

VALID ENTRIES

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION

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

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

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

PULKDK5   2   SAME AS PULKDK2 (FIFTH METHOD)   316 - 317

VALID ENTRIES

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

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

VALID ENTRIES

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

PULKPS1   2   CAN YOU TELL ME MORE ABOUT WHAT YOU   320 - 321
                       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

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
12   NOTHING
13   OTHER PASSIVE

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

<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

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>

NAME	SIZE	DESCRIPTION	LOCATION

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

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

VALID ENTRIES

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

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

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

EDITED UNIVERSE: PELKM1 = 1 - 13

<u>VALID ENTRIES</u>

1   YES
2   NO

PULKAVR   2   WHY IS THAT?   334 - 335

<u>VALID ENTRIES</u>

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

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

EDITED UNIVERSE: PELKAVL = 1-2

<u>VALID ENTRIES</u>

1   WORKING
2   SCHOOL
3   LEFT MILITARY SERVICE
4   SOMETHING ELSE

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

EDITED UNIVERSE: PELKLL1O = 1 OR 3

<u>VALID ENTRIES</u>

1   LOST JOB
2   QUIT JOB
3   TEMPORARY JOB ENDED

NAME	SIZE	DESCRIPTION	LOCATION

PELKLWO   2   WHEN LAST WORKED   340 - 341

EDITED UNIVERSE: PELKLL1O = 1 - 4

<u>VALID ENTRIES</u>

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

PELKDUR   3   DURATION OF JOB SEEKING   342 - 344

EDITED UNIVERSE: PELKLWO = 1 - 3

<u>VALID ENTRIES</u>

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

Topcoded at 119 weeks starting April 2011

PELKFTO   2   FT/PT STATUS OF JOBSEEKER   345 - 346

EDITED UNIVERSE: PELKDUR = 0-120

<u>VALID ENTRIES</u>

1   YES
2   NO
3   DOESN'T MATTER

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

EDITED UNIVERSE: PUDWCK1 = 3, 4, -1

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

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

EDITED UNIVERSE: PUDWCK4 = 4, -1

VALID ENTRIES

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

8   IN SCHOOL OR OTHER TRAINING
9   ILL-HEALTH, PHYSICAL DISABILITY
10   TRANSPORTATION PROBLEMS
11   OTHER - SPECIFY

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

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

VALID ENTRIES

1   YES
2   NO

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

EDITED UNIVERSE: PEDWLKO = 1

VALID ENTRIES

1   YES
2   NO

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

EDITED UNIVERSE: PEDWWK = 1

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES</u>

1   YES
2   NO

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

EDITED UNIVERSE: PEDW4WK = 2

<u>VALID ENTRIES</u>

1   YES
2   NO

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

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

<u>VALID ENTRIES</u>

1   YES
2   NO

PEDWAVR   2   WHY IS THAT?   361 - 362

EDITED UNIVERSE: PEDWAVL = 2

<u>VALID ENTRIES</u>

1   OWN TEMPORARY ILLNESS
2   GOING TO SCHOOL
3   OTHER

PUDWCK1   2   SCREEN FOR DISCOURAGED WORKERS   363 - 364

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

PUDWCK2   2   SCREEN FOR DISABLED   365 - 366

<u>VALID ENTRIES</u>

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

PUDWCK3   2   FILTER FOR RETIRED   367 - 368

<u>VALID ENTRIES</u>

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

PUDWCK4   2   FILTER FOR PASSIVE JOB SEEKERS   369 - 370

<u>VALID ENTRIES</u>

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

<u>VALID ENTRIES</u>

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

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

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

<u>VALID ENTRIES</u>

1   YES
2   NO

NAME	SIZE	DESCRIPTION	LOCATION

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

VALID ENTRIES

1   YES
2   NO

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

EDITED UNIVERSE: PEJHWKO = 1

VALID ENTRIES

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

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

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

VALID ENTRIES

1   YES, OR IT DEPENDS
2   NO

PUJHCK1   2   FILTER FOR OUTGOING ROTATIONS   381 - 382

VALID ENTRIES

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

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

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

EDITED UNIVERSE: PEMLR = 2

VALID ENTRIES

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

30   PT PAID-OTHER
31   PT UNPAID-VACATION
32   PT UNPAID-OWN ILLNESS
33   PT UNPAID-CHILD CARE PROBLEMS
34   PT UNPAID-OTHER FAM/PERSONAL OBLIGATION
35   PT UNPAID-MATERNITY/PATERNITY LEAVE
36   PT UNPAID-LABOR DISPUTE
37   PT UNPAID-WEATHER AFFECTED JOB
38   PT UNPAID-SCHOOL/TRAINING
39   PT UNPAID-CIVIC/MILITARY DUTY
40   PT UNPAID-OTHER

PRCIVLF   2   CIVILIAN LABOR FORCE   387 - 388

EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

01   IN CIVILIAN LABOR FORCE
02   NOT IN CIVILIAN LABOR FORCE

PRDISC   2   DISCOURAGED WORKER RECODE   389 - 390

EDITED UNIVERSE: PRJOBSEA = 1-4

VALID ENTRIES

1   DISCOURAGED WORKER
2   CONDITIONALLY INTERESTED
3   NOT AVAILABLE

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

EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

0   UNEMPLOYED AND NILF
1   W/JOB, NOT AT WORK-ILLNES
2   W/JOB, NOT AT WORK-VACATION
3   W/JOB, NOT AT WORK-WEATHER AFFECTED JOB
4   W/JOB, NOT AT WORK-LABOR DISPUTE
5   W/JOB, NOT AT WORK-CHILD CARE PROBLEMS
6   W/JOB, NOT AT WORK-FAM/PERS OBLIGATION
7   W/JOB, NOT AT WORK-MATERNITY/PATERNITY

NAME	SIZE	DESCRIPTION	LOCATION

8   W/JOB, NOT AT WORK-SCHOOL/TRAINING
9   W/JOB, NOT AT WORK-CIVIC/MILITARY DUTY
10   W/JOB, NOT AT WORK-DOES NOT WORK IN BUS
11   W/JOB, NOT AT WORK-OTHER
12   AT WORK- 1-4 HRS
13   AT WORK- 5-14 HRS
14   AT WORK- 15-21 HRS
15   AT WORK- 22-29 HRS
16   AT WORK- 30-34 HRS
17   AT WORK- 35-39 HRS
18   AT WORK- 40 HRS
19   AT WORK- 41-47 HRS
20   AT WORK- 48 HRS
21   AT WORK- 49-59 HRS
22   AT WORK- 60 HRS OR MORE

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

EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

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

PREXPLF   2   EXPERIENCED LABOR FORCE EMPLOYMENT   395 - 396

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

VALID ENTRIES

1   EMPLOYED
2   UNEMPLOYED

PRFTLF   2   FULL TIME LABOR FORCE   397 - 398

EDITED UNIVERSE: PEMLR = 1-4

VALID ENTRIES

1   FULL TIME LABOR FORCE
2   PART TIME LABOR FORCE

NAME	SIZE	DESCRIPTION	LOCATION
PRHRUSL	2	USUAL HOURS WORKED WEEKLY	399 - 400

EDITED UNIVERSE: PEMLR = 1-2

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
PRJOBSEA	2	JOB SEARCH RECODE	401 - 402

EDITED UNIVERSE: PRWNTJOB = 1

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION
PRPTHRS	2	AT WORK 1-34 BY HOURS AT WORK	403 - 404

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

<u>VALID ENTRIES</u>

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

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

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

<u>VALID ENTRIES</u>

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

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

EDITED UNIVERSE: PEMLR = 3-4

<u>VALID ENTRIES</u>

0   MIN VALUE
119 MAX VALUE

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

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2		410 - 411

PRUNTYPE   2   REASON FOR UNEMPLOYMENT   412 - 413

EDITED UNIVERSE: PEMLR = 3-4

<u>VALID ENTRIES</u>

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   414 - 415
WORKED OR LOST

EDITED UNIVERSE: PEMLR = 1 - 7

<u>VALID ENTRIES</u>

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

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

EDITED UNIVERSE: PEMLR = 1-7

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

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

                       EDITED UNIVERSE: PEMLR = 5-7

                       <u>VALID ENTRIES</u>

                       1   WANT A JOB
                       2   OTHER NOT IN LABOR FORCE

PUJHCK3   2   JOB HISTORY CHECK ITEM   420 - 421

                       <u>VALID ENTRIES</u>

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

PUJHCK4   2   SCREEN FOR DEPENDENT NILF   422 - 423

                       <u>VALID ENTRIES</u>

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

PUJHCK5   2   SCREEN FOR DEPENDENT NILF   424 - 425

                       <u>VALID ENTRIES</u>

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

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

NAME	SIZE	DESCRIPTION	LOCATION

<u>VALID ENTRIES</u>

1   YES
2   NO

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

<u>VALID ENTRIES</u>

1   YES
2   NO

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

<u>VALID ENTRIES</u>

1   YES
2   NO

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

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

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

<u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

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

VALID ENTRIES

1   MANUFACTURING
2   RETAIL TRADE
3   WHOLESALE TRADE
4   SOMETHING ELSE

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

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

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

VALID ENTRIES

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

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

VALID ENTRIES

1   MANUFACTURING
2   RETAIL TRADE
3   WHOLESALE TRADE
4   SOMETHING ELSE

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

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

VALID ENTRIES

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

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

VALID ENTRIES

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

PUIOCK3   2   I & O CHECK ITEM 3   456 - 457

VALID ENTRIES

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

PRIOELG   2   INDUSTRY AND OCCUPATION   458 - 459
ELIGIBILITY FLAG

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

0   NOT ELIGIBLE FOR EDIT
1   ELIGIBLE FOR EDIT

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

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

1   AGRICULTURAL
2   NON-AGRICULTURAL

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

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PRCOW2	2	CLASS OF WORKER RECODE - JOB 2	464 - 465

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

NAME	SIZE	DESCRIPTION	LOCATION

PRCOWPG   2   COW - PRIVATE OR GOVERNMENT   466 - 467

EDITED UNIVERSE: PEIO1COW = 1 - 5

VALID ENTRIES

1   PRIVATE
2   GOVERNMENT

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

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

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

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

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

VALID ENTRIES

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

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

EDITED UNIVERSE: PRIOELG = 1

<u>VALID ENTRIES</u>

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

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

PRDTIND2   2   DETAILED INDUSTRY RECODE - JOB 2   474 - 475

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

VALID ENTRIES

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

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

PRDTOCC1   2   DETAILED OCCUPATION RECODE - JOB 1   476 - 477

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

1   Management occupations

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

NAME	SIZE	DESCRIPTION	LOCATION
PRDTOCC2	2	DETAILED OCCUPATION RECODE	478 - 479

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

<u>VALID ENTRIES</u>

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

13   Food preparation and serving related occupations
14   Building and grounds cleaning and maintenance
      occupations
15   Personal care and service occupations
16   Sales and related occupations
17   Office and administrative support occupations
18   Farming, fishing, and forestry occupations
19   Construction and extraction occupations
20   Installation, maintenance, and repair occupations
21   Production occupations
22   Transportation and material moving occupations
23   Armed Forces

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

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

                         VALID ENTRY

                         1   EMPLOYED PERSONS (EXC. FARM & PRIV HH)

PRMJIND1   2   MAJOR INDUSTRY RECODE - JOB 1   482 - 483

                          EDITED UNIVERSE: PRDTIND1 = 1-51

                         VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PRMJIND2	2	MAJOR INDUSTRY RECODE - JOB 2	484 - 485

EDITED UNIVERSE: PRDTIND2 = 1-51

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PRMJOCC1	2	MAJOR OCCUPATION RECODE - JOB 1	486 - 487

EDITED UNIVERSE: PRDTOCC1 = 1-46

VALID ENTRIES

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

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

EDITED UNIVERSE: PRDTOCC2 = 1-46

VALID ENTRIES

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

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

EDITED UNIVERSE: PRMJOCC = 1-11

VALID ENTRIES

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

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

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

VALID ENTRY

1   NON-AG PRIV WAGE & SALARY

NAME	SIZE	DESCRIPTION	LOCATION

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

VALID ENTRY

1   NON-AG WAGE AND SALARY WORKERS

PRSJMJ   2   SINGLE/MULTIPLE JOBHOLDER RECODE   496 - 497

EDITED UNIVERSE: PEMLR = 1 OR 2

VALID ENTRIES

1   SINGLE JOBHOLDER
2   MULTIPLE JOBHOLDER

PRERELG   2   EARNINGS ELIGIBILITY FLAG   498 - 499

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

VALID ENTRIES

0   NOT ELIGIBLE FOR EDIT
1   ELIGIBLE FOR EDIT

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

EDITED UNIVERSE: PRERELG = 1

VALID ENTRIES

1   YES
2   NO

PEERNPER   2   PERIODICITY   502 - 503

EDITED UNIVERSE: PRERELG = 1

VALID ENTRIES

1   HOURLY
2   WEEKLY
3   BI-WEEKLY

NAME	SIZE	DESCRIPTION	LOCATION

4   TWICE MONTHLY
5   MONTHLY
6   ANNUALLY
7   OTHER – SPECIFY

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

EDITED UNIVERSE: PEERNPER = 2-7

<u>VALID ENTRIES</u>

1   YES
2   NO

PEERNHRY   2   HOURLY/NONHOURLY STATUS   506 - 507

EDITED UNIVERSE: PRERELG = 1

<u>VALID ENTRIES</u>

1   HOURLY WORKER
2   NONHOURLY WORKER

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

<u>VALID ENTRIES</u>

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

PEERNH2   4   (EXCLUDING OVERTIME PAY, TIPS AND   512 - 515
COMMISSIONS) WHAT IS YOUR HOURLY RATE
OF PAY ON YOUR (MAIN/THIS) JOB?
DOLLAR AMOUNT - 2 IMPLIED DECIMALS

EDITED UNIVERSE: PEERNRT = 1

NAME	SIZE	DESCRIPTION	LOCATION

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

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

VALID ENTRIES

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

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

EDITED UNIVERSE: PEERNPER = 1 OR PEERNRT = 1

VALID ENTRIES

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

PTHR	1	HOURLY PAY - TOP CODE	524 - 524

VALID ENTRIES

0   NOT TOPCODED
1   TOPCODED

PEERNHRO	2	USUAL HOURS	525 - 526

EDITED UNIVERSE: PEERNH1O = ENTRY

VALID ENTRIES

0   MIN VALUE
99   MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION

PRERNWA   8   WEEKLY EARNINGS RECODE   527 - 534
                            2 IMPLIED DECIMALS

                            EDITED UNIVERSE: PRERELG = 1

                            <u>VALID ENTRIES</u>

                            0   MIN VALUE
                            288461   MAX VALUE

PTWK   1   WEEKLY EARNINGS - TOP CODE   535 - 535

                            0   NOT TOPCODED
                            1   TOPCODED

FILLER   4   536 - 539

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

                            EDITED UNIVERSE: PEERNUOT = 1 AND PEERNPER = 1

                            <u>VALID ENTRIES</u>

                            0   MIN VALUE
                            288461   MAX VALUE

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

                            <u>VALID ENTRIES</u>

                            0   MIN VALUE
                            288461   MAX VALUE

PTOT   1   WEEKLY OVERTIME AMOUNT - TOP CODE   556 - 556

                            <u>VALID ENTRIES</u>

                            0   NOT TOPCODED
                            1   TOPCODED

FILLER   2   557 - 558

NAME	SIZE	DESCRIPTION	LOCATION

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

         EDITED UNIVERSE: PEERNPER = 6

         <u>VALID ENTRIES</u>

         01 MIN VALUE
         52 MAX VALUE

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

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

         <u>VALID ENTRIES</u>

         1 YES
         2 NO

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

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

         <u>VALID ENTRIES</u>

         1 YES
         2 NO

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

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

         <u>VALID ENTRIES</u>

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

NAME	SIZE	DESCRIPTION	LOCATION

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

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

<u>VALID ENTRIES</u>

1   YES
2   NO

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

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

<u>VALID ENTRIES</u>

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

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

<u>VALID ENTRIES</u>

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

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

<u>VALID ENTRIES</u>

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

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

NAME	SIZE	DESCRIPTION	LOCATION

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

<u>VALID ENTRIES</u>

1   YES
2   NO

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

EDITED UNIVERSE: PESCHLVL = 1, 2

<u>VALID ENTRIES</u>

1   FULL-TIME
2   PART-TIME

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

EDITED UNIVERSE: PESCHENR = 1

<u>VALID ENTRIES</u>

1   HIGH SCHOOL
2   COLLEGE OR UNIVERSITY

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

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

<u>VALID ENTRIES</u>

1   IN SCHOOL
2   NOT IN SCHOOL

PERSON'S WEIGHTS

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

EDITED UNIVERSE: PRPERTYP = 1-3

NAME	SIZE	DESCRIPTION	LOCATION

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

EDITED UNIVERSE: PRPERTYP = 2

PWORWGT 10 OUTGOING ROTATION WEIGHT 603 - 612
(4 IMPLIED DECIMALS)
USED FOR TALLYING INFORMATION COLLECTED ONLY IN
OUTGOING ROTATIONS (i.e., EARNINGS, 2nd JOB I & O,
DETAILED NILF)

EDITED UNIVERSE: PRPERTYP = 2

PWSSWGT 10 FINAL WEIGHT 613 - 622
(4 IMPLIED DECIMAL PLACES)
USED FOR MOST TABULATIONS, CONTROLLED TO
INDEPENDENT ESTIMATES FOR 1) STATES; 2) ORIGIN, SEX,
AND AGE; AND 3) AGE, RACE, AND SEX.

EDITED UNIVERSE: PRPERTYP = 1-3

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

EDITED UNIVERSE: PRPERTYP = 2

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

EDITED UNIVERSE: PRFAMREL = 1 or 2

VALID ENTRIES

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

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

PRNMCHLD   2   Number of own children <18 years of age   635-636

EDITED UNIVERSE: PRFAMREL = 1 or 2

VALID ENTRIES

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

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

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

| PXPDEMP1 | 2 | ALLOCATION FLAG | 637-638 |

| PRWERNAL | 2 | ALLOCATION FLAG | 639 - 640 |

WEEKLY EARNINGS RECODE (PRERNWA)
ALLOCATION FLAG

EDITED UNIVERSE: PRERELG = 1

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

| PRHERNAL | 2 | ALLOCATION FLAG | 641 - 642 |

HOURLY EARNINGS RECODE (PRERNHLY)
ALLOCATION FLAG

EDITED UNIVERSE: PRERNHRY = 1

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

| HXTENURE | 2 | ALLOCATION FLAG
See HETENURE note. | 643 - 644 |

| HXHOUSUT | 2 | ALLOCATION FLAG | 645 - 646 |

| HXTELHHD | 2 | ALLOCATION FLAG | 647 - 648 |

| HXTELAVL | 2 | ALLOCATION FLAG | 649 - 650 |

| HXPHONEO | 2 | ALLOCATION FLAG | 651 - 652 |

| PXINUSYR | 2 | ALLOCATION FLAG | 653 - 654 |

| PXRRP | 2 | ALLOCATION FLAG | 655 - 656 |

| PXPARENT | 2 | ALLOCATION FLAG | 657 - 658 |

NAME	SIZE	DESCRIPTION	LOCATION
PXAGE	2	ALLOCATION FLAG	659 - 660
PXMARITL	2	ALLOCATION FLAG	661 - 662
PXSPOUSE	2	ALLOCATION FLAG	663 - 664
PXSEX	2	ALLOCATION FLAG	665 - 666
PXAFWHN1	2	ALLOCATION FLAG	667 - 668
PXAFNOW	2	ALLOCATION FLAG	669 - 670
PXEDUCA	2	ALLOCATION FLAG	671 - 672
PXRACE1	2	ALLOCATION FLAG	673 - 674
PXNATVTY	2	ALLOCATION FLAG	675 - 676
PXMNTVTY	2	ALLOCATION FLAG	677 - 678
PXFNTVTY	2	ALLOCATION FLAG	679 - 680
PXNMEMP1	2	ALLOCATION FLAG	681 - 682
PXHSPNON	2	ALLOCATION FLAG	683 - 684
PXMLR	2	ALLOCATION FLAG	685 - 686
PXRET1	2	ALLOCATION FLAG	687 - 688
PXABSRSN	2	ALLOCATION FLAG	689 - 690
PXABSPDO	2	ALLOCATION FLAG	691 - 692
PXMJOT	2	ALLOCATION FLAG	693 - 694
PXMJNUM	2	ALLOCATION FLAG	695 - 696
PXHRUSL1	2	ALLOCATION FLAG	697 - 698
PXHRUSL2	2	ALLOCATION FLAG	699 - 700
PXHRFTPT	2	ALLOCATION FLAG	701 - 702
PXHRUSLT	2	ALLOCATION FLAG	703 - 704

NAME	SIZE	DESCRIPTION	LOCATION
PXHRWANT	2	ALLOCATION FLAG	705 - 706
PXHRRSN1	2	ALLOCATION FLAG	707 - 708
PXHRRSN2	2	ALLOCATION FLAG	709 – 710
PXHRACT1	2	ALLOCATION FLAG	711 - 712
PXHRACT2	2	ALLOCATION FLAG	713 - 714
PXHRACTT	2	ALLOCATION FLAG	715 - 716
PXHRRSN3	2	ALLOCATION FLAG	717 - 718
PXHRAVL	2	ALLOCATION FLAG	719 - 720
PXLAYAVL	2	ALLOCATION FLAG	721 - 722
PXLAYLK	2	ALLOCATION FLAG	723 - 724
PXLAYDUR	2	ALLOCATION FLAG	725 - 726
PXLAYFTO	2	ALLOCATION FLAG	727 - 728
PXLKM1	2	ALLOCATION FLAG	729 - 730
PXLKAVL	2	ALLOCATION FLAG	731 - 732
PXLKLL1O	2	ALLOCATION FLAG	733 - 734
PXLKLL2O	2	ALLOCATION FLAG	735 - 736
PXLKLWO	2	ALLOCATION FLAG	737 - 738
PXLKDUR	2	ALLOCATION FLAG	739 - 740
PXLKFTO	2	ALLOCATION FLAG	741 - 742
PXDWWNTO	2	ALLOCATION FLAG	743 - 744
PXDWRSN	2	ALLOCATION FLAG	745 - 746
PXDWLKO	2	ALLOCATION FLAG	747 - 748
PXDWWK	2	ALLOCATION FLAG	749 - 750

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

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

PEDIPGED (continued):

EDITED UNIVERSE = PEEDUCA = 39

UNDERLINE VALID ENTRIES

1 Graduation from high school
2 GED or other equivalent

| PEHGCOMP | 2 | What was the highest grade of regular school...completed before receiving...'s GED? | 824 - 825 |

EDITED UNIVERSE = PEDIPGED = 2

VALID ENTRIES

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

6-80

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?   826 - 827

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

PADDING   6   828 - 833

PXDIPGED   2   ALLOCATION FLAG   834 - 835

PXHGCOMP   2   ALLOCATION FLAG   836 - 837

PXCYC   2   ALLOCATION FLAG   838 - 839

PADDING   6   840 - 845

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

EDITED UNIVERSE: PRPERTYP = 2 AND
PRTAGE = 16+

PEIO1ICD   4   INDUSTRY CODE FOR PRIMARY JOB   856 - 859

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

NAME	SIZE	DESCRIPTION	LOCATION

0   MIN VALUE
9999   MAX VALUE

PEIO1OCD   4   OCCUPATION CODE FOR PRIMARY JOB.   860 - 863

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

VALID ENTRIES

0   MIN VALUE
9999   MAX VALUE

PEIO2ICD   4   INDUSTRY CODE FOR SECOND JOB.   864 - 867

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

VALID ENTRIES

0   MIN VALUE
9999   MAX VALUE

PEIO2OCD   4   OCCUPATION CODE FOR SECOND JOB.   868 - 871

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

VALID ENTRIES

0   MIN VALUE
9999   MAX VALUE

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

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

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

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

PRIMIND2   2   INTERMEDIATE INDUSTRY RECODE (JOB 2)   874 - 875

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

VALID ENTRIES

1   AGRICULTURE, FORESTRY, FISHING, and HUNTING
2   MINING
3   CONSTRUCTION
4   MANUFACTURING - DURABLE GOODS
5   MANUFACTURING - NON-DURABLE GOODS
6   WHOLESALE TRADE
7   RETAIL TRADE
8   TRANSPORTATION AND WAREHOUSING
9   UTILITIES
10   INFORMATION
11   FINANCE AND INSURANCE
12   REAL ESTATE AND RENTAL AND LEASING
13   PROFESSIONAL AND TECHNICAL SERVICES
14   MANAGEMENT, ADMINISTRATIVE AND WASTE
MANAGEMENT SERVICES
15   EDUCATIONAL SERVICES
16   HEALTH CARE AND SOCIAL SERVICES

NAME	SIZE	DESCRIPTION	LOCATION

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

PEAFWHN1   2   WHEN DID YOU SERVE?   876 - 877

EDITED UNIVERSE: PEAFEVER = 1

<u>VALID ENTRIES</u>

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

PEAFWHN2   2   WHEN DID YOU SERVE?   878 - 879

EDITED UNIVERSE: PEAFEVER = 1

<u>VALID ENTRIES</u>

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

PEAFWHN3   2   WHEN DID YOU SERVE?   880 - 881

EDITED UNIVERSE: PEAFEVER = 1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

PEAFWHN4   2   WHEN DID YOU SERVE?   882 - 883

EDITED UNIVERSE: PEAFEVER = 1

VALID ENTRIES

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

PXAFEVER   2   ALLOCATION FLAG   884 - 885

PELNDAD   2   LINE NUMBER OF FATHER   886 - 887

EDITED UNIVERSE: ALL

VALID ENTRIES

-1	NO FATHER PRESENT
01	MIN VALUE
16	MAX VALUE

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

EDITED UNIVERSE: ALL

VALID ENTRIES

-1   NO MOTHER PRESENT
01   MIN VALUE
16   MAX VALUE

| PEDADTYP | 2 | TYPE OF FATHER | 890 – 891 |

EDITED UNVERSE: ALL

-1   NO FATHER PRESENT
01   BIOLOGICAL
02 STEP
03 ADOPTED

| PEMOMTYP | 2 | TYPE OF MOTHER | 892 - 893 |

EDITED UNVERSE: ALL

-1   NO MOTHER PRESENT
01   BIOLOGICAL
02 STEP
03 ADOPTED

| PECOHAB | 2 | LINE NUMBER OF COHABITING PARTNER | 894 - 895 |

EDITED UNIVERSE: ALL

VALID ENTRIES

-1   NO PARTNER PRESENT
01   MIN VALUE
16   MAX VALUE

| PXLNDAD | 2 | ALLOCATION FLAG | 896 - 897 |
| PXLNMOM | 2 | ALLOCATION FLAG | 898 - 899 |

NAME	SIZE	DESCRIPTION	LOCATION
PXDADTYP	2	ALLOCATION FLAG	900 - 901
PXMOMTYP	2	ALLOCATION FLAG	902 - 903
PXCOHAB	2	ALLOCATION FLAG	904 – 905
PEDISEAR	2	IS…DEAF OR DOES…HAVE SERIOUS DIFFICULTY HEARING?	906 - 907

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

1   Yes
2   No

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

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

1   Yes
2   No

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

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

1   Yes
2   No

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

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

1   Yes
2   No

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

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

1   Yes
2   No

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

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

1   Yes
2   No

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

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

VALID ENTRIES:

1   Yes
2   No

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

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

EDITED UNIVERSE: PTDTRACE = 4

<u>VALID ENTRIES</u>

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

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

See location 637-638 for the allocation flag.

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

<u>VALID ENTRIES</u>

1   YES
2   NO

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

NAME	SIZE	DESCRIPTION	LOCATION

See location 681-682 for the allocation flag.
EDITED UNIVERSE: PEPDEMP1 = 1

<u>VALID ENTRIES</u>

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

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

See location 787-788 for the allocation flag.

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

<u>VALID ENTRIES</u>

1   YES
2   NO

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

See location 789-790 for the allocation flag.

EDITED UNIVERSE: PEPDEMP1 = 1

<u>VALID ENTRIES</u>

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

PECERT1   2   DOES … HAVE A <u>CURRENTLY</u>   944-945
<u>ACTIVE</u> PROFESSIONAL CERTIFICATION
OR A STATE OR INDUSTRY LICENSE?
DO <u>NOT</u> INCLUDE BUSINESS LICENSES,
SUCH AS A LIQUOR LICENSE OR
VENDING LICENSE.

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE: PRPERTYP = 2

VALID ENTRIES

1   Yes
2   No

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

EDITED UNIVERSE: PECERT1 = 1

VALID ENTRIES

1   Yes
2   No

PECERT3	2	EARLIER YOU TOLD ME THAT YOU HAD A CURRENTLY ACTIVE PROFESSIONAL CERTIFICATION OR LICENSE. IS YOUR CERTIFICATION OR LICENSE REQUIRED FOR YOUR …	948-949

      a) JOB?
      b) MAIN JOB?
      c) JOB FROM WHICH YOU ARE OF LAYOFF?
      d) JOB AT WHICH YOU LAST WORKED?

EDITED UNIVERSE: PECERT2 = 1

VALID ENTRIES

1   Yes
2   No

PXCERT1	2	ALLOCATION FLAG	950-951
PXCERT2	2	ALLOCATION FLAG	952-953

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

End of Basic CPS Portion of the Record

ATTACHMENT 7

Supplement Record Layout
Current Population Survey
Dec 2019 Food Security Supplement

NAME	SIZE	DESCRIPTION	LOCATION
HES1A	2	These first questions are about all the places at which you bought food LAST WEEK. By LAST WEEK, I mean from Sunday through Saturday. First, did (you/anyone in your household) shop for food at a supermarket or grocery store LAST WEEK?	1001 -1002

EDITED UNIVERSE:

HRSUPINT = 1 AND non-Group Quarters HH
(HUSEGTYP ne 3 and GQAREAFL ne 1)
Note: Group Quarters HH (HUSEGTYP=3 or
GQAREAFL=1) start supplement at item HES9

VALID ENTRIES:

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

| HES1B | 2 | Think about other places where people buy food such as meat markets, produce stands, bakeries, warehouse clubs, and convenience stores. Did (you/anyone in your household) buy food from any stores such as these LAST WEEK? | 1003 -1004 |

EDITED UNIVERSE:

HES1A = 1, 2, -2, -3, or -9

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

| HES1C | 2 | LAST WEEK, did (you/anyone in your household) buy food at a restaurant, fast food place, cafeteria or vending machine? (Include any children who may have bought food at the school cafeteria). | 1005 -1006 |

EDITED UNIVERSE:

HES1B = 1, 2, -2, -3, or -9

VALID ENTRIES:

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

| HES1D | 2 | Did (you/anyone in your household) buy food from any other kind of place LAST WEEK? | 1007 -1008 |

EDITED UNIVERSE:

HES1C = 1, 2, -2, -3 or -9

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
HETS2O	3	Out variable that represents the amount of money spent by the household on purchases at super-markets and grocery stores. Created from HUS2, HUS2CK1A, HUS2CK1B, HUS2COR. Top coded at 450.	1009 -1011

EDITED UNIVERSE:

HES1A = 1

VALID ENTRIES:

0: Coded as 0
1-7: Recoded as the midpoint, 4
8-400: Rounded to nearest 10 Dollars
Note: 370 and 380 are collapsed into 380
      390 and 400 are collapsed into 400
      410 and 420 are collapsed into 420
-2 Don't Know
-3 Refused
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HETS3O	3	Out variable for amount of money spent on nonfood items at supermarkets and grocery stores. Created from HUS3, HUS3CK2A, HUS3CK2B, or HUS3COR. Top code 200.	1012 -1014

EDITED UNIVERSE:

HES2O = ENTRY GREATER THAN OR EQUAL TO 0

VALID ENTRIES:

0: Coded as 0
1-7: Recoded as the midpoint, 4
8-200: Rounded to nearest 10 Dollars
-2 Don't Know
-3 Refused
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HETS4O	3	Out variable that represent amount spent by the household at stores other than	1015 -1017

NAME	SIZE	DESCRIPTION	LOCATION

supermarkets and grocery stores--like meat markets, produce stands, bakeries, etc.

Created from HUS4, HUS4CK1A, HUS4CK1B, or HUS4COR. Top code 300.

EDITED UNIVERSE:

HES1B = 1

VALID ENTRIES:

0: Coded as 0
1-7: Recoded as the midpoint, 4
8-300: Rounded to nearest 10 Dollars
-2 Don't Know
-3 Refused
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HETS5O	3	Out variable for amount of money spent on nonfood items at places other than grocery stores and supermarkets like meat markets, produce stands, etc. Created from HUS5, HUS5CK1A, HUS5CK1B, or HUS5COR. Top code 150.	1018 -1020

EDITED UNIVERSE:

HES4O = ENTRY GREATER THAN OR EQUAL TO 0

VALID ENTRIES:

0: Coded as 0
1- 7: Recoded as the midpoint, 4
8–150: Rounded to nearest 10 Dollars
-2 Don't Know
-3 Refused
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HETS6O	3	Out variable that represents the amount spent by the household for food at restaurants, fast food places, cafeterias and vending machines last week. Created from	1021 -1023

NAME	SIZE	DESCRIPTION	LOCATION

HUS6, HUS6CK1A, HUS6CK1B, or HUS6COR.
Top code 300.

EDITED UNIVERSE:

HES1C = 1

VALID ENTRIES:

0: Coded as 0
1-7: Recoded as the midpoint, 4
8-290: Rounded to nearest 10 Dollars
Note: 270 and 280 were collapsed into 280
-2 Don't Know
-3 Refused
-9 No Response

HETS7O   3   Out variable that represents the amount   1024 -1026
spent by the household for food at any other
kind of place last week. Created from HUS7,
HUS7CK1A, HUS7CK1B, or HUS7COR.
Top code 200.

EDITED UNIVERSE:

HES1D = 1

VALID ENTRIES:

0: Coded as 0
1-7: Recoded as the midpoint, 4
8-200: Rounded to nearest 10 Dollars
Note: 110 and 120 were collapsed into 120
      160 and 170 were collapsed into 170
      180, 190, and 200 were collapsed into 200
-2 Don't Know
-3 Refused
-9 No Response

HETS8O   4   The total amount spent on food last week.   1027 -1030
Created from adding positive values in
(HES2O, HES4O, HES6O, and HES7O) and
subtracting positive values in (HES3O and
HES5O). Top code 650.

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

0: Coded as 0
1-7: Recoded as the midpoint, 4
8-620: Rounded to nearest 10 Dollars
-2 Don't Know
-3 Refused
-9 No Response

HETS8OU	3	Out variable that represents the USUAL amount spent on food at all the different places that have been talked about in a week. Created from HUS8, HUS8CK1A, HUS8CK1B, HUS8Z, HUS8ZCK1 , HUS8ZCK2 or HUS8COR. Top code 500.	1031 -1033

EDITED UNIVERSE:

HES8O >= 0

VALID ENTRIES:

0: Coded as 0
1-7: Recoded as the midpoint, 4
8-500: Rounded to nearest 10 Dollars
-2 Don't Know
-3 Refused
-9 No Response

HES8B	2	In order to buy just enough food to meet (your needs/the needs of your household), would you need to spend more than you do now, or could you spend less?	1034 -1035

EDITED UNIVERSE:

HES8OU >= 0

VALID ENTRIES:

1 More
2 Less
3 Same
-2 Don't Know
-3 Refused

NAME	SIZE	DESCRIPTION	LOCATION
		-9 No Response	

HETS8CO 3 Out variable that represents how much MORE   1036 -1038
would need to be spent each week to buy just
enough food to meet household needs.
Created from HUS8C, HUS8CCKA, or
HUS8CCKB. Top code 200.

EDITED UNIVERSE:

HES8B = 1

VALID ENTRIES:

0: Coded as 0
1-7: Recoded as the midpoint, 4
8-200: Rounded to nearest 10 Dollars
Note: 110 and 120 are collapsed into 120
      140 and 150 are collapsed into 150
      160 and 170 are collapsed into 170
      190 and 200 are collapsed into 200
-2 Don't Know
-3 Refused
-9 No Response

HETS8DO 3 Out variable that represents how much LESS   1039 -1041
could be spent each week and still buy just
enough food to meet household needs.
Created from HUS8D, HUS8DCKA, HUS8DCKB,
or HUS8DCOR. Top code 200.

EDITED UNIVERSE:

HES8B = 2

VALID ENTRIES:

0: Coded as 0
1-7: Recoded as the midpoint, 4
8-200: Rounded to nearest 10 Dollars
-2 Don't Know
-3 Refused
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HES9	2	People do different things when they are	1042 -1043

People do different things when they are running out of money for food in order to make their food or their food money go further. In the last 12 months, since December of last year, did you ever run short of money and try to make your food or your food money go further?

EDITED UNIVERSE:

(HES8OU = entry, -2, -3 or -9) OR
(HES8CO = entry -2,-3 or -9) OR
(HES8DO = entry, -2, -3, or -9) OR
(HRSUPINT=1 and Group Quarters HH
(HUSEGTYP=3 or GQAREAFL=1))

VALID ENTRIES:

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

| HESP1 | 2 | In the past 12 months, since December of last | 1044 -1045 |

In the past 12 months, since December of last year, did (you/anyone in this household) get SNAP/Supplemental Nutrition Assistance Program or food stamp benefits?

EDITED UNIVERSE:

HRPOOR = 1 OR HES9 = 1, -2, -3, or -9

VALID ENTRIES:

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

| HESP21 | 2 | In which months of 2019 were SNAP or food | 1046 -1047 |

In which months of 2019 were SNAP or food stamp benefits received? January?

NAME	SIZE	DESCRIPTION	LOCATION
		EDITED UNIVERSE:	
		HESP1 = 1	
		VALID ENTRIES:	
		1 Yes 2 No -2 Don't Know -3 Refused -9 No Response	
HESP22	2	In which months of 2019 were SNAP or food stamp benefits received? February?	1048 -1049
		EDITED UNIVERSE:	
		HESP21 = 1 or 2	
		VALID ENTRIES:	
		1 Yes 2 No	
HESP23	2	In which months of 2019 were SNAP or food stamp benefits received? March?	1050 -1051
		EDITED UNIVERSE:	
		HESP21 = 1 or 2	
		VALID ENTRIES:	
		1 Yes 2 No	
HESP24	2	In which months of 2019 were SNAP or food stamp benefits received? April?	1052 -1053
		EDITED UNIVERSE:	
		HESP21 = 1 or 2	
		VALID ENTRIES:	

		1 Yes	
		2 No	
HESP25	2	In which months of 2019 were SNAP or food stamp benefits received? May?	1054 -1055
		EDITED UNIVERSE:	
		HESP21 = 1 or 2	
		VALID ENTRIES:	
		1 Yes	
		2 No	
HESP26	2	In which months of 2019 were SNAP or food stamp benefits received? June?	1056 -1057
		EDITED UNIVERSE:	
		HESP21 = 1 or 2	
		VALID ENTRIES:	
		1 Yes	
		2 No	
HESP27	2	In which months of 2019 were SNAP or food stamp benefits received? July?	1058 -1059
		EDITED UNIVERSE:	
		HESP21 = 1 or 2	
		VALID ENTRIES:	
		1 Yes	
		2 No	
HESP28	2	In which months of 2019 were SNAP or food stamp benefits received? August?	1060 -1061
		EDITED UNIVERSE:	
		HESP21 = 1 or 2	

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1 Yes
2 No

NAME	SIZE	DESCRIPTION	LOCATION
HESP29	2	In which months of 2019 were SNAP or food stamp benefits received? September?	1062 -1063

EDITED UNIVERSE:

HESP21 = 1 or 2

VALID ENTRIES:

1 Yes
2 No

NAME	SIZE	DESCRIPTION	LOCATION
HESP210	2	In which months of 2019 were SNAP or food stamp benefits received? October?	1064 -1065

EDITED UNIVERSE:

HESP21 = 1 or 2

VALID ENTRIES:

1 Yes
2 No

NAME	SIZE	DESCRIPTION	LOCATION
HESP211	2	In which months of 2019 were SNAP or food stamp benefits received? November?	1066 -1067

EDITED UNIVERSE:

HESP21 = 1 or 2

VALID ENTRIES:

1 Yes
2 No

| HESP212 | 2 | In which months of 2019 were SNAP or food stamp benefits received? December? | 1068 -1069 |

EDITED UNIVERSE:

HESP21 = 1 or 2

VALID ENTRIES:

1 Yes
2 No

| HETSP2D | 2 | On what date in November did (you/your household) receive SNAP or food stamp benefits?
Answer is reformatted as within 30 days of interview or not. | 1070 -1071 |

EDITED UNIVERSE:

HESP211 = 1 AND HESP212 = 2

VALID ENTRIES:

1 Thirty-one days or more prior to interview.
2 Within 30 days of interview.
-2 Don't Know
-3 Refused
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION

HETSP3O 3 Out variable that represents the dollar 1072 -1074
amount of food stamps received per month.
Created from HUSP3 or HUSP3COR.

.

EDITED UNIVERSE:

HESP1 = 1

VALID ENTRIES:

0: Coded as 0
1-7: Recoded as the midpoint, 4
8-650: Rounded to nearest 10 Dollars
Note: 410 and 420 were collapsed into 420
     470 and 480 were collapsed into 480
     490 and 500 were collapsed into 500
     530 and 540 were collapsed into 540
     570, 580, and 590 where collapsed into 590
     610 and 620 were collapsed into 620
     630 and 640 were collapsed into 640
-2 Don't Know
-3 Refused
-9 No Response

HESP3OTC 2 Topcode Flag for HETSP3O 1075 -1076
-1 NIU
0 Not Top coded
1 Top coded

HESP6 2 During the past 30 days, did any children in 1077 -1078
the household (between 5 and 18 years old)
receive free or reduced-cost lunches at
school?

EDITED UNIVERSE:

(HRPOOR = 1 OR HES9 = 1, -2, -3, or -9)
AND (PRTAGE is >=5 and <=18 for any HH
member)

VALID ENTRIES:

NAME	SIZE	DESCRIPTION	LOCATION

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

HESP7 2 During the past 30 days, did any children in the household (between 5 and 18 years old) receive free or reduced-cost breakfasts at school? 1079 -1080

EDITED UNIVERSE:

HESP6 = 1

VALID ENTRIES:

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

HESP7A 2 During the past 30 days, did any children in the household receive free or reduced-cost food at a day-care or Head Start program? 1081 -1082

EDITED UNIVERSE:

(HRPOOR = 1 OR HES9 = 1, -2, -3, or -9) AND (PRTAGE 0:13 for any HH member)

VALID ENTRIES:

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

HESP8 2 During the past 30 days, did any (women/women or children/children) in this household get food through the WIC program? 1083 -1084

NAME	SIZE	DESCRIPTION	LOCATION

(HRPOOR = 1 OR HES9 = 1, -2, -3, or -9)
AND [(PESEX = 2 and PRTAGE = 15:45) OR
(PRTAGE 0:4) for any HH member]

VALID ENTRIES:

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

HETSP9 2 How many (women/women or children/children) in the household got WIC foods? Top code at 3. 1085 -1086

EDITED UNIVERSE:

HESP8 = 1

VALID ENTRIES:

1:3 People in Household
-2 Don't Know
-3 Refused
-9 No Response

HESP9TC 2 Topcode flag for HETSP9 1087 -1088
-1 NIU
0 Not Top coded
1 Top coded

HESS1 2 Which of these statements best describes the food eaten in your household -- enough of the kinds of food (I/we) want to eat, enough but not always the kinds of food (I/we) want to eat, sometimes not enough to eat, or often not enough to eat? 1089 -1090

(HRPOOR = 1 or 2) OR (HES9 = 1, 2, -2, -3, or -9)

VALID ENTRIES:

NAME	SIZE	DESCRIPTION	LOCATION

1 Enough of the kinds of food we want to eat
2 Enough but not always the kinds of food we want to eat
3 Sometimes not enough to eat
4 Often not enough to eat
-2 Don't Know
-3 Refuse
-9 No Response

HESS2 2 Now I'm going to read you several statements 1091 -1092
that people have made about their food
situation. For these statements, please tell me
whether the statement was OFTEN true,
SOMETIMES true, or NEVER true for
(you/your household) in the last 12 months.
The first statement is (I/We) worried whether
(my/our) food would run out before (I/we) got
money to buy more. Was that OFTEN true,
SOMETIMES true, or NEVER true for
(you/your household) in the last 12 months?

EDITED UNIVERSE:

(HRPOOR = 1) OR (HESS1 = 2, 3, 4, or -2)
OR (HES9 = 1 or -2)

VALID ENTRIES:

1 Often true
2 Sometimes true
3 Never true
-2 Don't Know
-3 Refused
-9 No Response

HESSM2 2 Did this ever happen in the last 30 days? 1093 -1094

EDITED UNIVERSE:

HESS2 = 1 or 2

VALID ENTRIES:

NAME	SIZE	DESCRIPTION	LOCATION

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

HESS3   2   The food that (I/we) bought just didn't last,   1095 -1096
and (I/we) didn't have money to get more.
Was that OFTEN, SOMETIMES, or NEVER true
for (you/your household) in the last 12
months?

EDITED UNIVERSE:

HESS2 = 1, 2, 3, -2, -3 or -9

VALID ENTRIES:

1 Often true
2 Sometimes true
3 Never true
-2 Don't Know
-3 Refused
-9 No Response

HESSM3   2   Did this ever happen in the last 30 days?   1097 -1098

EDITED UNIVERSE:

HESS3 = 1 or 2

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

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

HESS4   2   (I/we) couldn't afford to eat balanced   1099 -1100
meals. Was that OFTEN, SOMETIMES, or
NEVER true for (you/your household) in the
last 12 months?

EDITED UNIVERSE:

(HESS3 = 3, -2, -3 or -9) OR (HESSM3 =1, 2,
-2, -3, or -9)

VALID ENTRIES:

1 Often true
2 Sometimes true
3 Never true
-2 Don't Know
-3 Refused
-9 No Response

HESSM4   2   Did this ever happen in the last 30 days?   1101 -1102

EDITED UNIVERSE:

(HESS4 = 1 or 2)

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
HESH2	2	In the last 12 months did (you/you or other adults in your household) ever cut the size of your meals or skip meals because there wasn't enough money for food?	1103 -1104

EDITED UNIVERSE:

(HESS1 = 3 or 4) OR (HESS2 = 1 or 2) OR (HESS3 = 1 or 2) OR (HESS4 = 1 or 2)

VALID ENTRIES:

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

| HESHF2 | 2 | How often did this happen--almost every month, some months but not every month, or in only 1 or 2 months? | 1105 -1106 |

EDITED UNIVERSE:

HESH2 = 1

VALID ENTRIES:

1 Almost every month
2 Some months but not every month
3 Only 1 or 2 months
-2 Don't Know
-3 Refused
-9 No response

| HESHM2 | 2 | Now think about the last 30 days. During that time did (you/you or other adults in your household) ever cut the size of your meals or skip meals because there wasn't enough money for food? | 1107 -1108 |

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

HESH2 = 1

VALID ENTRIES:

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

| HETSHMF2 | 2 | How many days did this happen in the last 30 days? | 1109 -1110 |

EDITED UNIVERSE:

HESHM2 = 1

VALID ENTRIES:

1:30 Number of Days

1:30 Number of Days
Collapsed:
1-5 days – No collapsing
6-7 days collapsed to 7 days
8-14 days collapsed to 14 days
15-21 days collapsed to 21 days
22-30 days collapsed to 30 days.

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

| HESH3 | 2 | In the last 12 months, did you ever eat less than you felt you should because there wasn't enough money for food? | 1111 -1112 |

EDITED UNIVERSE:

HESH2 = 1, 2, -2, -3 or -9

VALID ENTRIES:

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

HESHF3   2   How often did this happen -- almost every   1113 -1114
              month, some months but not every month,
              or in only 1 or 2 months?

              EDITED UNIVERSE:

              HESH3 = 1

              VALID ENTRIES:

              1 Almost every month
              2 Some months but not every month
              3 Only 1 or 2 months
              -2 Don't Know
              -3 Refused
              -9 No Response

HESHM3   2   Did this happen in the last 30 days?   1115 -1116

              EDITED UNIVERSE:

              HESH3 = 1

              VALID ENTRIES:

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

HETSHMF3   2   In the last 30 days, how many days did you   1117 -1118
                eat less than you felt you should because
                there wasn't enough money to buy food?

                EDITED UNIVERSE:

                HESHM3 = 1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1:30 number of days
Collapsed:
1-5 days – No collapsing
6-7 days collapsed to 7 days
8-14 days collapsed to 14 days
15-21 days collapsed to 21 days
22-30 days collapsed to 30 days.

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

HESH4   2   In the last 12 months, were you ever hungry   1119 -1120
but didn't eat because there wasn't enough
money for food?

EDITED UNIVERSE:

HESH3 = 1, 2, -2, -3 or -9

VALID ENTRIES:

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

HESHF4   2   How often did this happen -- almost every   1121 -1122
month, some months but not every month,
or in only 1 or 2 months?

EDITED UNIVERSE:

HESH4 = 1

VALID ENTRIES:

1 Almost every month
2 Some months but not every month
3 Only 1 or 2 months
-2 Don't Know
-3 Refused
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HESHM4	2	Did this happen in the last 30 days?	1123 -1124

EDITED UNIVERSE:

HESH4 = 1

VALID ENTRIES:

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

NAME	SIZE	DESCRIPTION	LOCATION
HETSHMF4	2	In the last 30 days, how many days were you hungry but didn't eat because there wasn't enough money for food?	1125 -1126

EDITED UNIVERSE:

HESHM4 = 1

VALID ENTRIES:

1:30 Number of Days
Collapsed:
1-2 days collapsed to 2
3-6 days collapsed to 6 days
7+ days collapsed to 7 days

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

NAME	SIZE	DESCRIPTION	LOCATION
HESH5	2	In the last 12 months, did you lose weight because there wasn't enough money for food?	1127 -1128

EDITED UNIVERSE:

HESH4 = 1, 2, -2, -3 or -9

VALID ENTRIES:

1 Yes
2 No

NAME	SIZE	DESCRIPTION	LOCATION

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

NAME	SIZE	DESCRIPTION	LOCATION
HESHM5	2	Did this happen in the last 30 days?	1129 -1130

EDITED UNIVERSE:

HESH5 = 1

VALID ENTRIES:

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

| HESSH1 | 2 | In the last 12 months, did (you/you or other adults in your household) ever not eat for a whole day because there wasn't enough money for food? | 1131 -1132 |

EDITED UNIVERSE:

(HESH2 =1) OR (HESH3 = 1) OR (HESH4 = 1) OR
(HESH5 = 1)

VALID ENTRIES:

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

| HESSHF1 | 2 | How often did this happen--almost every month, some months but not every month, or in only 1 or 2 months? | 1133 -1134 |

EDITED UNIVERSE:

HESSH1 = 1

VALID ENTRIES:

1 Almost every month
2 Some months but not every month
3 Only 1 or 2 months
-2 Don't Know
-3 Refused
-9 No Response

HESSHM1	2	Now think about the last 30 days. During that time did (you/you or other adults in your household) ever not eat for a whole day because there wasn't enough money for food?	1135 -1136

EDITED UNIVERSE:

HESSH1 = 1

VALID ENTRIES:

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

HETSSHMF1	2	How many times did this happen in the last 30 days?	1137 -1138

EDITED UNIVERSE:

HESSHM1 = 1

VALID ENTRIES:

1:30 Number of Days
Collapsed:
1-2 days collapsed to 2 days
3-7 days collapsed to 7 days
8-14 days collapsed to 14 days
15-21 days collapsed to 21 days
22-30 days collapsed to 30 days.
-2 Don't Know
-3 Refused
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HESS5	2		1139 -1140

(I/We) relied on only a few kinds of low-cost
food to feed (the child in (my/our) household/the
children) because (I was/we were) running out
of money to buy food.
Was that OFTEN, SOMETIMES or NEVER true for
(you/your household) in the last 12

months?

EDITED UNIVERSE: (HRPOOR = 1 or
HESS1 = 2, 3, 4, or -2 or HES9 = 1 or -2)
AND
(PUHHMEM = 1 and PRTAGE <= 17
and PERRP >=4 for any HH member)

  Valid Entries:

1 Often true
2 Sometimes true
3 Never true
-2 Don't Know
-3 Refused

-9 No Response

| HESSM5 | 2 | Did this ever happen in the last 30 days? | 1141 -1142 |

EDITED UNIVERSE:

HESS5 = 1 or 2

VALID ENTRIES:

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

-9 No Response

| HESS6 | 2 | (I/We) couldn't feed (the child in (my/our) | 1143 -1144 |

household/the children) a balanced meal,
because (I/we) couldn't afford that. Was
that OFTEN, SOMETIMES or NEVER true for
(you/your household) in the last 12 months?

EDITED UNIVERSE:

NAME	SIZE	DESCRIPTION	LOCATION

HESS5 = 1, 2, 3, -2, -3 or -9

VALID ENTRIES:

1 Often true
2 Sometimes true
3 Never true
-2 Don't Know
-3 Refused
-9 No Response

HESSM6 2 Did this ever happen in the last 30 days? 1145 -1146

EDITED UNIVERSE:

HESS6 = 1 or 2

VALID ENTRIES:

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

HESH1 2   (The child in (my/our) household was/The 1147 -1148
children were) not eating enough because
(I/we) just couldn't afford enough food. Was
that OFTEN, SOMETIMES, or NEVER true for
(you/your household) in the last 12 months?

EDITED UNIVERSE:

HESS6 = 1, 2, 3, -2, -3, or -9

VALID ENTRIES:

1 Often true
2 Sometimes true
3 Never true
-2 Don't Know
-3 Refused
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HESHM1	2	Did this ever happen in the last 30 days?	1149 -1150

EDITED UNIVERSE:

HESH1 = 1 or 2

VALID ENTRIES:

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

| HESSH2 | 2 | In the last 12 months, did you ever cut the size of (the child's/any of the children's) meals because there wasn't enough money for food? | 1151 -1152 |

EDITED UNIVERSE:

(HESS5 = 1 or 2) OR (HESS6 = 1 or 2) OR (HESH1 = 1 or 2)

VALID ENTRIES:

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

| HESSHF2 | 2 | How often did this happen -- almost every month some, months but not every month, or in only 1 or 2 months? | 1153 -1154 |

EDITED UNIVERSE:

HESSH2 = 1

VALID ENTRIES:

1 Almost every month
2 Some months but not every month
3 Only 1 or 2 months
-2 Don't Know
-3 Refused
-9 No Response

HESSHM2　2　Did this happen in the last 30 days?　1155 -1156

EDITED UNIVERSE:

HESSH2 = 1

VALID ENTRIES:

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

HETSSHMF
2
　2　In the last 30 days, how many days did you
cut the size of (the child's/any of the
children's) meals because there wasn't enough
money for food?　1157 -1158

EDITED UNIVERSE:

HESSHM2 = 1

VALID ENTRIES:

1:30 Days

1:30 Number of Days
Collapsed:
1-2 days collapsed to 2 days
3-7 days collapsed to 7 days
8-14 days collapsed to 14 days
15-30 days collapsed to 30 days.

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

NAME	SIZE	DESCRIPTION	LOCATION
HESSH3	2	In the last 12 months, (was the child/were the children) ever hungry but you just couldn't afford more food?	1159 -1160

EDITED UNIVERSE:

HESSH2 = 1, 2, -2, -3 or -9

VALID ENTRIES:

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

| HESSHF3 | 2 | How often did this happen -- almost every month some months but not every month, or in only 1 or 2 months? | 1161 -1162 |

EDITED UNIVERSE:

HESSH3 = 1

VALID ENTRIES:

1 Almost every month
2 Some months but not every month
3 Only 1 or 2 months
-2 Don't Know
-3 Refused
-9 No Response

| HESSHM3 | 2 | Did this happen in the last 30 days? | 1163 -1164 |

EDITED UNIVERSE:

HESSH3 = 1

VALID ENTRIES:

NAME	SIZE	DESCRIPTION	LOCATION

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

HETSSHMF3 2 In the last 30 days, how many days (was   1165 -1166
the child/were the children) hungry but
you just couldn't afford more food?

EDITED UNIVERSE:

HESSHM3 = 1

VALID ENTRIES:

1:30 Number of Days

1:30 Number of Days
Collapsed:
1-2 days collapsed to 2 days
3-7 days collapsed to 7 days
8-14 days collapsed to 14 days
15-30 days collapsed to 30 days.

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

HESSH4 2 In the last 12 months, did (the child/any of   1167 -1168
the children) ever skip a meal because there
wasn't enough money for food?

EDITED UNIVERSE:

HESSH3 = 1, 2, -2, -3 or -9

VALID ENTRIES:

1 Yes
2 No

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

NAME	SIZE	DESCRIPTION	LOCATION

HESSHF4   2   How often did this happen--almost every   1169 -1170
month, some months but not every month, or
in only 1 or 2 months?

EDITED UNIVERSE:

HESSH4 = 1

VALID ENTRIES:

1 Almost every month
2 Some months but not every month
3 Only 1 or 2 months
-2 Don't Know
-3 Refused
-9 No Response

HESSHM4   2   Now think about the last 30 days. Did (the   1171 -1172
child/any of the children) ever skip a meal
during that time because there wasn't enough
money for food?

EDITED UNIVERSE:

HESSH4 =1

VALID ENTRIES:

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

HETSSHMF   2   How many days did this happen in the last 30   1173 -1174
4   days?

EDITED UNIVERSE:

HESSHM4 = 1

VALID ENTRIES:

NAME	SIZE	DESCRIPTION	LOCATION

1:30 Days
-2 Don't Know
-3 Refused
-9 No Response

| HESSH5 | 2 | In the last 12 months, did (the child/any of the children) ever not eat for a whole day because there wasn't enough money for food? | 1175 -1176 |

EDITED UNIVERSE:

HESSH4 = 1, 2, -2, -3 or -9

VALID ENTRIES:

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

| HESSHM5 | 2 | Did this ever happen in the last 30 days? | 1177 -1178 |

EDITED UNIVERSE:

HESSH5 = 1

VALID ENTRIES:

BLANK – NOT ENOUGH RESPONSES

| HESC1 | 2 | During the past 30 days, did (you/anyone in this household) receive any meals delivered to the home from community programs, Meals on Wheels, or any other programs? | 1179 -1180 |

EDITED UNIVERSE:

(HRPOOR = 1 OR HESS1 = 2, 3, 4, or -2
OR HES9 = 1 or -2) AND PRTAGE >= 60
for any HH member

VALID ENTRIES:

NAME	SIZE	DESCRIPTION	LOCATION

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

HESC2   2   During the past 30 days, did (you/anyone in   1181 -1182
                      this household) go to a community program or
                      senior center to eat prepared meals?

                      EDITED UNIVERSE:

                      HESC1 = 1, 2, -2, -3, or -9

                      VALID ENTRIES:

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

HESC3   2   In the last 12 months, did (you/you or other   1183 -1184
                      adults in your household) ever get emergency
                      food from a church, a food pantry, or food
                      bank?
                      EDITED UNIVERSE:

                      HRPOOR = 1 OR HESS1 = 2, 3, 4, or -2 OR
                      HES9 = 1 or -2

                      VALID ENTRIES:

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

HESCF3   2   How often did this happen -- almost every   1185 -1186
                      month, some months but not every month,
                      or in only 1 or 2 months?

                      EDITED UNIVERSE:

NAME	SIZE	DESCRIPTION	LOCATION

HESC3 = 1

VALID ENTRIES:

1 Almost every month
2 Some months but not every month
3 Only 1 or 2 months
-2 Don't Know
-3 Refused
-9 No Response

HESCM3	2	Did this happen in the last 30 days?	1187 -1188

EDITED UNIVERSE:

HESC3 = 1

VALID ENTRIES:

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

HESC3A	2	Is there a church, food pantry or food bank in your community where you could get emergency food if you needed it?	1189 -1190

EDITED UNIVERSE:

HESC3 = 2

VALID ENTRIES:

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

HESC4	2	In the last 12 months, did (you/you or other adults in your household) ever eat any meals at a soup kitchen or shelter?	1191 -1192

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE:

HESC3 = 1, 2, -2, -3 or -9

VALID ENTRIES:

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

| HESCF4 | 2 | How often did this happen -- almost every month, some months but not every month, or in only 1 or 2 months? | 1193 -1194 |

EDITED UNIVERSE:

HESC4 = 1

VALID ENTRIES:

1 Almost every month
2 Some months but not every month
3 Only 1 or 2 months
-2 Don't Know
-3 Refused
-9 No Response

| HESCM4 | 2 | Did this happen in the last 30 days? | 1195 -1196 |

EDITED UNIVERSE:

HESC4 = 1

VALID ENTRIES:

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

| HHSUPWGT | 10 | Supplement weight for the household (4 implied decimals) | 1197 -1206 |

NAME	SIZE	DESCRIPTION	LOCATION
PWSUPWGT	10	Supplement person weight for each household member (4 implied decimals)	1207 -1216
HRSUPINT	2	Supplement interview status	1217 -1218

VALID ENTRIES:

1 Interview
2 Noninterview

| HRPOOR | 2 | Recode for HEFAMINC; lowest income in Income range above or below 185% poverty | 1219 -1220 |

VALID ENTRIES:

1 Below 185% poverty
2 Above 185% poverty or income not reported

| HRFS12CX | 2 | Common Screen Indicator for 12-Month Recall (for comparison to 1995-1997) (Value=1 Household did not pass common screen high food security assumed.) (Value=2 Household passed common screen food security status indicated by HRFS12 series of variables.) | 1221 -1222 |

EDITED UNIVERSE:

HRSUPINT=1

VALID ENTRIES:

1 Household Did Not Pass Common Screen High Food Security Assumed
2 Household Passed Common Screen Food Security Status
-5 Missing No Valid Scale Items

| HRFS12M1 | 2 | Summary Food Security Status, 12-Month Recall (Recode of HRFS12M4) | 1223 -1224 |

EDITED UNIVERSE:

HRSUPINT=1

VALID ENTRIES:

NAME	SIZE	DESCRIPTION	LOCATION

1 Food Secure High or Marginal Food Security
2 Low Food Security
3 Very Low Food Security
-9 No Response

HRFS12MD 2   Detailed Food Security Status, 12-Month Recall   1225 -1226
(Recode of HRFS12M4)

EDITED UNIVERSE:

HRSUPINT=1

VALID ENTRIES:

1 High Food Security
2 Marginal Food Security
3 Low Food Security
4 Very Low Food Security
-9 No Response

HRFS12M3 2   Food Security Raw Score, 12-Month Recall   1227 -1228
(Value 1:18 is number of affirmative
responses to the 18 Food Security items in the
12 month scale)

EDITED UNIVERSE:

HRSUPINT=1

VALID ENTRIES:

0 No Affirmative Responses or Did not pass initial screen
1:18 Number of Affirmative Responses
-9 No Response

HRFS12M4 4   Food Security Rasch Scale Score,   1229 -1232
12-Month Recall (2 implied decimals)
(Based on Raw Score (HRFS12M3) AND
presence or absence of children in household)

EDITED UNIVERSE:

HRSUPINT=1

VALID ENTRIES:

1.43:13.03 Rasch scale score assigned to Households
-6 Raw Score = 0 No Scale Score Assigned
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HRFS12MC	2	Children's Food Security Status, 12-Month Recall (Recode of HRFS12M7)	1233 -1234

EDITED UNIVERSE:

HRSUPINT = 1 and one or more persons
in Household with PERRP > 3 and
PRTAGE 0:17.

VALID ENTRIES:

1 Children Food Secure, High or Marginal Food Security among Children
2 Low Food Security among Children
3 Very Low Food Security among Children
-9 No Response

HRFS12M6	2	Children's Food Security Raw Score, 12-Month Recall (Values 1:8 are the number of affirmative responses to the 8 Food Security items in the Children's Food Security Scale)	1235 -1236

EDITED UNIVERSE:

HRSUPINT=1 and one or more persons in
Household with PERRP>3 and PRTAGE 0:17.

VALID ENTRIES:

0 No Affirmative Responses or Did not pass initial screen
1:8 Number of affirmative Responses
-9 No Response

HRFS12M7	4	Children's Food Security Rasch Scale Score, 12-Month Recall (2 implied decimals) (Based on Raw Score (HRFS12M6)	1237 -1240

EDITED UNIVERSE:

HRSUPINT=1 and one or more persons in
Household with PERRP>3 and PRTAGE 0:17.

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES:	

4.11:12.25 Rasch scale score assigned to Households
-6 Raw Score = 0 No Scale Score Assigned
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HRFS12M8	2	Adult Food Security Status, 12-Month Recall (Recode of HRFS12ME)	1241 -1242

EDITED UNIVERSE:

HRSUPINT=1

VALID ENTRIES:

1 High Food Security among Adults
2 Marginal Food Security among Adults
3 Low Food Security among Adults
4 Very Low Food Security among Adults
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HRFS12M9	2	Adult Food Security Raw Score, 12-Month Recall (Values 1:10 are the number of affirmative responses to the 10 Food Security items in the Adult's Food Security Scale)	1243 -1244

EDITED UNIVERSE:

HRSUPINT=1

VALID ENTRIES:

0 No Affirmative Responses or Did not pass initial screen
1:10 Number of affirmative Responses
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HRFS12ME	4	Adult Food Security Rasch Scale Score, 12-Month Recall (2 implied decimals) (Based on Raw Score (HRFS12M9) 1.72:11.05 Rasch scale score assigned to Households -6 Raw Score = 0 No Scale Score Assigned -9 No Response	1245 -1248
HRFS30D1	2	Summary Food Security Status, 30-Day	1249 -1250

NAME	SIZE	DESCRIPTION	LOCATION
		Recall (Recode of HRFS30D4)	

EDITED UNIVERSE:

HRSUPINT = 1

VALID ENTRIES:

1 Food Secure - High or Marginal Food Security
2 Low Food Security
3 Very Low Food Security
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HRFS30D2	2	Detailed Food Security Status, 30-Day Recall (Recode of HRFS12D4)	1251 -1252

EDITED UNIVERSE:

HRSUPINT=1

VALID ENTRIES:

1 High Food Security
2 Marginal Food Security
3 Low Food Security
4 Very Low Food Security
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HRFS30D3	2	Food Security Raw Score, 30-Day Recall (18 possible affirmative responses to the	1253 -1254

18 Food Security Items in the 30 Day Scale
0 No Affirmative Responses or Did not pass initial screen
1:18 Number of Affirmative Responses
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HRFS30D4	4	Food Security Rasch Scale Score, 30-Day (2 implied decimals) (Based on Raw Score (HRFS30D3) AND	1255 -1258

presence or absence of children in household)

EDITED UNIVERSE:

HRSUPINT=1

VALID ENTRIES:

1.43:13.03 Rasch scale score assigned to Households
-6 Raw Score = 0 No Scale Score Assigned
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HRFS30D5	2	Children's Food Security Status, 30-Day Recall (Recode of HRFS12D7)	1259 -1260

EDITED UNIVERSE:

HRSUPINT=1 and one or more persons in
Household with PERRP>3 and PRTAGE 0:17.

VALID ENTRIES:

1 Children Food Secure High or Marginal Food Security among Children
2 Low Food Security among Children
3 Very Low Food Security among Children
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HRFS30D6	2	Children's Food Security Raw Score, 30-Day Recall responses to the 8 Food Security Items in the Children's 30 Day Food Security Scale)	1261 -1262

EDITED UNIVERSE:

HRSUPINT=1 and one or more persons in
Household with PERRP>3 and PRTAGE 0:17.

VALID ENTRIES:

0 No Affirmative Responses or Did not pass initial screen
1:8 Number of affirmative Responses
-9 No Response

NAME	SIZE	DESCRIPTION	LOCATION
HRFS30D7	4	Children's Food Security Rasch Scale Score, 30-Day Recall (2 implied decimals) (Based on Raw Score (HRFS30D6)	1263 -1266

EDITED UNIVERSE:

HRSUPINT=1 and one or more persons in
Household with PERRP>3 and PRTAGE 0:17.

VALID ENTRIES:

NAME	SIZE	DESCRIPTION	LOCATION

4.11:12.25 Rasch scale score assigned to Households
-6 Raw Score = 0 No Scale Score Assigned
-9 No Response

HRFS30D8   2   Adult Food Security Status, 30-Day   1267 -1268
Recall (Recode of HRFS30DE)

EDITED UNIVERSE:

HRSUPINT=1

VALID ENTRIES:

1 High Food Security among Adults
2 Marginal Food Security among Adults
3 Low Food Security among Adults

4 Very Low Food Security among Adults
-9 No Response

HRFS30D9   2   Adult Food Security Raw Score, 30-Day   1269 -1270
Recall
30-Day Recall (2 implied decimals)
(Value 1:10 is number of affirmative
responses to the 10 Food Security items in the
Adult 30 Day Food Security Scale.)

EDITED UNIVERSE:

HRSUPINT=1

VALID ENTRIES:

0 No Affirmative Responses or Did not pass initial screen
1:10 Number of affirmative Responses
-9 No Response

HRFS30DE   4   Adult Food Security Rasch Scale Score, 30-Day   1271 -1274
Recall (2 implied decimals)
(Based on Raw Score (HRFS30D9))

EDITED UNIVERSE:

HRSUPINT = 1

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES:

1.72:11.05 Rasch scale score assigned to Households.
-6 Raw Score = 0 No Scale Assigned

ATTACHMENT 8

SUPPLEMENT QUESTIONNAIRE

DECEMBER 2019 FOOD SECURITY SUPPLEMENT

SPECIFICATIONS

Set SUPTM   SUPTM is a timer for the entire supplement.

NOTES: <SNAPNAME1_2019> and <SNAPNAME2_2019> are State-specific
             names for the SNAP/Food Stamp program.

POORCK   NUMHOU = 1 and FAMINC = 1, 2, 3, 4, 5, 6, 7, or 8 set POOR=1 else if
            NUMHOU = 2 and FAMINC = 1, 2, 3, 4, 5, 6, 7, 8, or 9 set POOR=1 else if
            NUMHOU = 3 and FAMINC = 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10 set POOR=1 else if
            NUMHOU = 4 and FAMINC = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, or 12 set POOR=1
                 else if
            NUMHOU = 5 and FAMINC = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, or 13 set
                 POOR=1 else if
            NUMHOU = 6 and FAMINC = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, or 13 set
                 POOR=1 else if
            NUMHOU = 7 and FAMINC = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 or 14 set
                 POOR=1 else if
            NUMHOU = 8 and FAMINC = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, or 14 set
                 POOR=1 else if
            NUMHOU= 9-16 and FAMINC = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 or 15
                 set POOR=1
            else if
            Set POOR = 2.

[LEAD for one-person households] This month we are asking some questions about food used in your household and the ways you are managing to meet your food needs.

[Lead for two or more person households] This month we are asking some questions about food used in your household and the ways you are managing to meet your food needs. (/The best person to answer would be the adult most knowledgeable about food shopping and meal preparation. Would that be you or someone else?)
[Change respondent if needed and available, otherwise continue with current respondent]
[If group quarters, go to S9]

I. FOOD EXPENDITURES

S1A   If more than one HHMEM=1 has an AGE equal to or greater than 10 fill with second option else fill with first option.

These first questions are about all the places at which you bought food LAST WEEK. By LAST WEEK, I mean from Sunday through Saturday.

First, did (you/anyone in your household) shop for food at a supermarket or grocery store LAST WEEK?

                        <1>   Yes
                        <2>   No

                        Blind <D> or <R>

SCOMPL   If onpath entry, D or R in S1A then set SCOMPL=1 otherwise set SCOMPL=0

S1B   If more than one HHMEM=1 has an AGE equal to or greater than 10 fill with second option else fill with first option.

Think about other places where people buy food, such as meat markets, produce stands, bakeries, warehouse clubs, and convenience stores. Did (you/anyone in your household) buy food from any stores such as these LAST WEEK?

                        <1>   Yes
                        <2>   No

                        Blind <D> or <R>

S1C   If more than one HHMEM=1 has an AGE equal to or greater than 6 fill with second option else fill with first option else fill with first option in first parenthetical.

If one or more HHMEM=1 with AGE between 6 and 18 then fill second parenthetical else fill blank.

LAST WEEK, did (you/anyone in your household) buy food at a restaurant, fast food place, cafeteria, or vending machine? (Include any children who may have bought food at the school cafeteria).

                    <1>   Yes
                    <2>   No

                    Blind <D> or <R>

S1D   If more than one HHMEM=1 has an AGE equal to or greater than 10 fill with second option else fill with first option.

Did (you/anyone in your household) buy food from any other kind of place LAST WEEK?

                    <1>   Yes
                    <2>   No

                    Blind <D> or <R>

SCKA   If onpath entry of <2>, <D> or <R> in S1A, S1B, S1C and S1D then skip to S8 else go to SLEAD.

SLEAD   **Now I'm going to ask you about the ACTUAL amount you spent on food LAST WEEK in all the places where you bought food. Then, since LAST WEEK may have been unusual for you, I will ask about the amount you USUALLY spend.**

                    <P> Proceed

SCKB   If onpath entry of <1> in S1A then ask S2 else skip to SCKC.

S2   If more than one HHMEM=1 has an AGE equal to or greater than 10 fill with second option else fill with first option.

If POOR=1 then fill second parenthetical else fill blank.

How much did (you/anyone in your household) ACTUALLY spend at supermarkets and grocery stores LAST WEEK (including any purchases made with <SNAPNAME1_2019> or food stamp benefits)?

ENTER <0> IF RESPONDENT CAN ONLY GIVE RANGE

          $_ _ _.00

S2CK   If entry of <0> in S2 goto S2CK1A else store entry in S2O. If S2O is between $1.00 and $450.00 goto S3A else if S2O is equal to D or R go to SCKC otherwise go to S2RC.

S2CK1A   **************DO NOT READ TO RESPONDENT ******************

    Enter range reported by respondent

     _ _ _.00

    If entry is D or R, store in S2O

    <1-999> GOTO S2CK1B
    <D, R> GOTO SCKC

S2CK1B   Enter range reported by respondent

     _ _ _.00

    If entry is D or R, store in S2O

    <1-999> GOTO S2RG
    <D, R> GOTO SCKC

S2RG   Add the entries in S2CK1A and S2CK1B and divide by 2. Store the answer in S2O. If S2O is between $1.00 and $450.00 go to S3A otherwise go to S2RC.

S2RC   ****************DO NOT ASK THE RESPONDENT*******************

    Amount spent recorded as: (entry in S2O) Is this entry correct?

     <1> YES (GO TO S3A)
     <2> NO (GO TO S2COR)

S2COR   ***************DO NOT ASK THE RESPONDENT****************

    Incorrect entry was recorded as: (entry in S2O)
    Correct entry is:

     $_ _ _.00 (store entry in S2O)

S3A   **How much of the (fill with S2O) was for non-food items, such as pet food, paper products, alcohol, detergents, or cleaning supplies?**

    Enter <1> for whole dollar amount (GOTO S3)

Enter <2> if respondent can only give range (GOTO S3CK2A)

$_ _ _.00

Blind <D> or <R> (GOTO SCKC)

S3 Enter whole dollar amount
  $_ _ _.00

Store amount in S3O

<1-100> GOTO SCKC
<0, ge 101> GOTO S3RC

S3CK2A *****************DO NOT READ TO ESPONDENT******************

Enter range reported by respondent

_ _ _.00

If entry is D or R, store in S3O

<1-999> GOTO S3CK2B
<D, R> GOTO SCKC

S3CK2B Enter range reported by respondent

_ _ _.00

If entry is D or R, store in S3O

<1-999> GOTO S3RG
<D, R> GOTO SCKC

S3RG Add the entries in S3CK2A and S3CK2B and divide by 2. Store the answer in S3O. Do not allow entry in S3O to be greater than entry in S2O. If S3O is between $1.00 and $100.00 go to SCKC otherwise go to S3RC.

S3RC *************DO NOT ASK THE RESPONDENT*********************

Amount spent recorded as: (entry in S3O)
Is this entry correct?

  <1> YES (GO TO SCKC)
  <2> NO (GO TO S3COR)

8-5

S3COR   ***************DO NOT ASK THE RESPONDENT******************

               Incorrect entry was recorded as: (entry in S3O)
               Correct entry is:

                       $_ _ _.00 (store entry in S3O)

               Do not allow entry in S3O to be greater than entry in S2O.

SCKC   If onpath entry of <1> in S1B then ask S4 else skip to SCKD.

S4   If more than one HHMEM=1 has an AGE equal to or greater than 10 fill with
               second option else fill with first option.

               If POOR=1 then fill second parenthetical with first option else fill with blank.

               **How much did (you/your household) spend at stores such as meat markets,
               produce stands, bakeries, warehouse clubs, and convenience stores LAST
               WEEK (including any purchases made with <SNAPNAME1_2019> or food
               stamp benefits)?**

                       Enter whole dollar amount
                       Enter <0> if respondent can only give range

                       $_ _ _.00

                       Blind <D> or <R> (GO TO SCKD)

S4CK   If entry of <0> in S4 go to S4CK1A else store entry in S4O. If S4O is between
               $1.00 and $300.00 go to S5 else if S4O is D or R go to SCKD otherwise go to
               S4RC.

S4CK1A   **************DO NOT READ TO RESPONDENT******************

               Enter range reported by respondent

                       _ _ _.00

               If entry is D or R, store in S4O

               <1-999> GOTO S4CK1B
               <D, R> GOTO SCKD
S4CK1B   Enter range reported by respondent

                       _ _ _.00

If entry is D or R, store in S4O

<1-999> GOTO S4RG
<D, R> GOTO SCKD

S4RG   Add the entries in S4CK1A and S4CK1B and divide by 2. Store the answer in S4O. If S4O is between $1.00 and $300.00 go to S5A otherwise go to S4RC.

S4RC   ****************DO NOT READ TO RESPONDENT*****************

Amount spent recorded as: (entry in S4O)
Is this entry correct?

      <1> Yes (GO TO S5A)
      <2> No (GO TO S4COR)

S4COR   **************DO NOT READ TO RESPONDENT*******************

Incorrect entry was recorded as: (entry in S4O)
Correct entry is:

      $_ _ _.00 (store entry in S4O)

S5A   **How much of the $(fill with S4O) was for non-food items, such as pet food, paper products, alcohol, detergents, or cleaning supplies?**

Enter <1> for whole dollar amount (GOTO S5)
Enter <2> if respondent can only give range (GOTO S5CK1A)

      $_ _ _.00

      Blind <D> or <R> (GOTO SCKD)

S5   Enter whole dollar amount
      $_ _ _.00

      Store amount in S5O

      <1-100> GOTO SCKD
      <D, R, 0, ge 101> GOTO S5RC

S5CK1A   ****************DO NOT READ TO ESPONDENT*****************

Enter range reported by respondent

_ _ _.00

If entry is D or R, store in S5O

<1-999> GOTO S5CK1B
<D, R> GOTO SCKD

S5CK1B   Enter range reported by respondent

_ _ _.00

If entry is D or R, store in S5O

<1-999> GOTO S5RG
<D, R> GOTO SCKD

S5RG   Add the entries in S5CK1A and S5CK1B and divide by 2. Store the answer in S5O. Do not allow entry in S5O to be greater than entry in S4O. If S5O is between $1.00 and 100.00 go to SCKD else go to S5RC.

S5RC   ***************DO NOT ASK THE RESPONDENT***************

Amount spent recorded as : (entry in S5O)
Is this entry correct?

<1>   Yes (GO TO SCKD)
<2>   No (GO TO S5COR)

S5COR   ***************DO NOT ASK THE RESPONDENT******************

Incorrect entry was recorded as: (entry in S5O)
Correct entry is:

$_ _ _.00 (store entry in S5O)

Do not allow entry in S5O to be greater than entry in S4O.

SCKD   If entry of <1> in S1C then ask S6 else skip to SCKE

S6   If more than one HHMEM=1 has an AGE equal to or greater than 10 fill with second option else fill with first option.

How much did (you/your household) spend for food at restaurants, fast food places, cafeterias, and vending machines LAST WEEK, not including alcohol purchases?

Enter whole dollar amount
Enter <0> if respondent can only give range

$_ _ _.00

Blind <D> or <R>
If entry is 1-999, D, or R store in S6O

<0> GOTO S6CK1A
<1-200, D, R> GOTO SCKE
<ge 201> GOTO S6RC

S6CK1A   **************DO NOT READ TO RESPONDENT ******************

Enter range reported by respondent

_ _ _.00

If entry is D or R, store in S6O

<1-999> GOTO S6CK1B
<D, R> GOTO SCKE

S6CK1B   Enter range reported by respondent

_ _ _.00

If entry is D or R, store in S6O

<1-999> GOTO S6RG
<D, R> GOTO SCKE

S6RG   Add the entries in S6CK1A and S6CK1B and divide by 2. Store the answer in S6O. If S6O is between $1.00 and $200.00 go to SCKE else go to S6RC.

S6RC   **************DO NOT ASK THE RESPONDENT*****************

Amount spent recorded as : (entry in S6O)
Is this entry correct?

<1>   Yes (GO TO SCKE)
<2>   No (GO TO S6COR)

S6COR   **************DO NOT ASK THE RESPONDENT*******************

Incorrect entry was recorded as: (entry in S6O)
Correct entry is:

  $_ _ _.00 (store entry in S6O)

SCKE If entry of <1> in S1D then ask S7 else skip to SCKF.

S7 If more than one HHMEM=1 has an AGE equal to or greater than 10 fill with second option else fill with first option.

How much did (you/your household) spend for food at any other kind of place LAST WEEK?

  Enter whole dollar amount
  Enter <0> if respondent can only give range

  $_ _ _.00

  Blind <D> or <R>
  If entry is 1-999, D, or R store in S7O

  <0> GOTO S7CK1A
  <1-150> GOTO SCKF
  <ge 151> GOTO S7RC
  <D, R> GOTO SCKF

S7CK1A **************DO NOT READ TO RESPONDENT ******************

  Enter range reported by respondent

  _ _ _.00

  If entry is D or R, store in S7O

  <1-999> GOTO S7CK1B
  <D, R> GOTO SCKF

S7CK1B Enter range reported by respondent

  _ _ _.00

  If entry is D or R, store in S7O

  <1-999> GOTO S7RG
  <D, R> GOTO SCKF

S7RG   Add the entries in S7CK1A and S7CK1B and divide by 2. Store the answer in S7O. If S7O is between $1.00 and $150.00 go to SCKF otherwise go to S7RC.

S7RC   *************DO NOT ASK THE RESPONDENT*********************

Amount spent recorded as: (entry in S7O)
Is this entry correct?

              <1>   YES (GO TO SCKF)
              <2>   NO (GO TO S7COR)

S7COR   *************DO NOT ASK THE RESPONDENT*******************

Incorrect entry was recorded as: (entry in S7O)
Correct entry is:

            $_ _ _.00 (store entry in S7O)

SCKF   If any amounts 0 or over in S2O, S4O, S6O or S7O then add together and store in SFDAMT. If any amounts 0 or over in S3O or S5O, then add these together and store in SNFAMT. Subtract SNFAMT from SFDAMT and store the result in S8O.

S8A   If (entry of D or R in S2, S4, S6, and S7) or (S8O equals 0) or (onpath entry of <2>, <D>, or <R> in S1A, S1B, S1C and S1D) then fill first parenthetical with first option else fill with second option.

If more than one HHMEM=1 has an AGE equal to or greater than 10 fill remaining parentheticals with second option else fill with first.

If POOR= 1 fill last parenthetical with first option else fill with blank.

(Let's see, it seems that (you/your household) did not buy any food LAST WEEK. /Let's see, (you/your household) spent about (fill with S8O) on food LAST WEEK.) Now think about how much (you/anyone in your household) USUALLY (spend/spends). How much (do you/does your household) USUALLY spend on food at all the different places we've been talking about IN A WEEK? (Please include any purchases made with <SNAPNAME1_2019> or food stamp benefits). Do not include non-food items such as pet food, paper products, detergent or cleaning supplies.

        Enter <1> for whole dollar amount
        Enter <2> if respondent can only give range

Blind <D> or <R>

If entry is D or R store in S8OU

<1> GOTO S8
<2> GOTO S8CK1A
<D, R> GOTO S9

S8   Enter whole dollar amount
          $_ _ _.00

Store amount in S8OU

<0> GOTO S8ZA
<1-450> GOTO S8B
<ge 451> GOTO S8RC
<D, R> GOTO S9

S8CK1A   **************DO NOT READ TO RESPONDENT ******************

Enter range reported by respondent

       _ _ _.00

If entry is D or R, store in S8OU

<1-999> GOTO S8CK1B
<D, R> GOTO S9

S8CK1B   Enter range reported by respondent

       _ _ _.00

If entry is D or R, store in S8OU

<1-999> GOTO S8RG
<D, R> GOTO S9

S8RG   Add the entries in S8CK1A and S8CK1B and divide by 2. Store the answer in
          S8OU. If S8OU is between $1.00 and $450.00 go to S8B otherwise go to S8RC.

S8ZA   **If that is because you shop for food infrequently, how much would the
weekly average be over several weeks?**

Enter <1> for whole dollar amount or if the amount really is zero
Enter <2> if respondent can only give range
Blind <D> or <R>

If entry is D or R store in S8OU
<1> GOTO S8Z
<2> GOTO S8ZCK1A
<D, R> GOTO S9

S8Z   Enter whole dollar amount
                  $_ _ _.00

                  Store amount in S8OU

                  <0> GOTO S8RC
                  <1-450> GOTO S8B
                  <ge 451> GOTO S8RC

S8ZCK1A   **************DO NOT READ TO RESPONDENT ******************

Enter range reported by respondent

          _ _ _.00

If entry is D or R, store in S8OU

<1-999> GOTO S8ZCK1B
<D, R> GOTO S9

S8ZCK1B   Enter range reported by respondent

          _ _ _.00

If entry is D or R, store in S8OU

<1-999> GOTO S8ZRG
<D, R> GOTO S9

S8ZRG   Add the entries in S8ZCK1A and S8ZCK1B and divide by 2. Store the answer in
                S8OU. If S8OU is between $1.00 and $450.00 go to S8B otherwise go to S8RC.

S8RC   **************DO NOT ASK THE RESPONDENT********************

Amount spent recorded as: (entry in S8OU)
Is this entry correct?

<1>   Yes (GO TO S8B)
<2>   No (GO TO S8COR)

S8COR   *************DO NOT ASK THE RESPONDENT*******************

Incorrect entry was recorded as: (entry in S8OU)
Correct entry is:

$ _ _ _ _.00

II. MINIMUM SPENDING NEED TO HAVE ENOUGH FOOD

S8B   If NUMHOU = 1 then fill parenthetical with first option else fill with second
             option.

             **In order to buy just enough food to meet (your needs/the needs of your
             household), would you need to spend more than you do now, or could you
             spend less?**

             ***********************DO NOT READ***********************

             <1>   More (GO TO S8C)
             <2>   Less (GO TO S8D)
             <3>   Same (GO TO S9)
             Blind <D> or <R> (GO TO S9)

S8C   **About how much MORE would you need to spend each week to buy just
             enough food to meet the needs of your household?**

             Enter whole dollar amount
             Enter <0> if respondent can only give range

             $_ _ _.00

             Blind <D> or <R>

             If entry is 1-999, D, or R store in S8CO

             <0> GOTO S8CCKA
             <1-999, D, R> GOTO S9

S8CCKA   *************DO NOT READ TO RESPONDENT ******************

             Enter range reported by respondent

_ _ _.00

If entry is D or R, store in S8CO

<1-999> GOTO S8CCKB
<D, R> GOTO S9

S8CCKB   Enter range reported by respondent

_ _ _.00

If entry is D or R, store in S8CO

<1-999> GOTO S8CRG
<D, R> GOTO S9

S8CRG   Add the entries in S8CCKA and S8CCKB and divide by 2. Store the answer in
                S8CO. GOTO S9.

S8D   **About how much LESS could you spend each week and still buy enough food
                to meet the needs of your household?**

Enter whole dollar amount
Enter <0> if respondent can only give range

$_ _ _.00

Blind <D> or <R>

If entry is 1-999, D, or R store in S8DO

<0> GOTO S8DCKA
<1-999, D, R> GOTO S9

S8DCKA   **************DO NOT READ TO RESPONDENT ******************

Enter range reported by respondent

_ _ _.00

If entry is D or R, store in S8DO

<1-999> GOTO S8DCKB
<D, R> GOTO S9

S8DCKB   Enter range reported by respondent

                  _ _ _.00

              If entry is D or R, store in S8DO

              <1-999> GOTO S8DRG
              <D, R> GOTO S9

S8DRG   Add the entries in S8DCKA and S8DCKB and divide by 2. Store the calculated
              value in S8DO. GOTO S9.

III. FOOD PROGRAM PARTICIPATION

S9   **People do different things when they are running out of money for food in order to make their food or their food money go further.**

                        In the last 12 months, since December of last year, did you ever run short of money and try to make your food or your food money go further?

                        <1> Yes (GO TO SP1)
                        <2 > No (GO TO SP1CK)

                        Blind <D> or <R> (GO TO SP1)

SP1CK   If POOR=2 skip to SS1 else ask SP1.

SP1   If hhnum=1 fill with first option else fill with second.

                        In the past 12 months, since December of last year, did (you/anyone in this household) get <SNAPNAME2_2019> or food stamp benefits?

                        <1> Yes (GO TO SP2)
                        <2> No (GO TO SP6CK)

                        Blind <D> or <R> (GO TO SP6CK)

SP2   **In which months of 2019 were <SNAPNAME1_2019> or food stamp benefits received?**

                        DO NOT READ LIST. MARK ALL THAT APPLY

                        <1> January
                        <2> February
                        <3> March
                        <4> April
                        <5> May
                        <6> June
                        <7> July
                        <8> August
                        <9> September
                        <10> October
                        <11> November
                        <12> December
                        <13> All

SP2DCK   If SP2 = 11 AND ≠ 12 AND ≠ 13 go to SP2D else go to SP3

SP2D   If hhnum = 1 fill with first option else fill with second.

On what date in November did (you/your household) receive <SNAPNAME1_2019> or food stamp benefits?

          SP2D   Day_____
                                                <1-31>
          Blind <D> or <R>

SP3   If hhnum=1 fill with first option else fill with second.

How much did (you/your household) receive the last time you got <SNAPNAME1_2019> or food stamp benefits?

          $ _ _ _ .00

          Blind <D> or <R>

SP3CK   Store entry in SP3O. If SP3O is between $1.00 and $700.00 go to SP6CK otherwise go to SP3RC.

SP3RC   *************DO NOT ASK THE RESPONDENT*************

AMOUNT RECEIVED RECORDED AS: (entry in SP3O)
IS THIS ENTRY CORRECT?

          <1> YES (GO TO SP6CK)
          <2> NO (GO TO SP3COR)

SP3COR   **********DO NOT ASK THE RESPONDENT***********

INCORRECT ENTRY WAS RECORDED AS: (entry in SP3O) CORRECT ENTRY IS:

          $_ _ _.00 (store entry in SP3O)

Items SP3 through SP3COR go into making the out variable SP3O. This is the amount received in food stamp benefits.

```
------------------------------------------------------------
```

SP6CK   If HHMEM=1 and AGE is 5 THROUGH 18 for anyone in the household ask SP6
else skip to SP7ACK.

```
------------------------------------------------------------
```

SP6   If 1 or more children under 5 years old, fill parenthetical, else fill blank.

**During the past 30 days, did any children in the household
(between 5 and 18 years old) receive free or reduced-cost lunches at school?**

           <1> Yes
           <2> No (GO TO SP7ACK)

           Blind <D> or <R> (GO TO SP7ACK)

SP7   If 1 or more children under 5 years old, fill parenthetical, else fill blank.

**During the past 30 days, did any children in the household (between 5 and 18
years old) receive free or reduced-cost breakfasts at school?**

           <1> Yes
           <2> No

           Blind <D> or <R>

```
------------------------------------------------------------
```

SP7ACK   If HHMEM=1 and AGE is 0-13 for anyone in the household ask SP7A
else skip to SP8CK.

```
------------------------------------------------------------
```

SP7A   If only 1 child under age 13 fill with first option else fill with second option

**During the past 30 days, did any children in the household receive free or
reduced-cost food at a day-care or Head Start program?**

           <1> Yes
           <2> No

           Blind <D> or <R>

SP8CK   If [(SEX=2 and AGE = 15-45) OR (AGE 0-4)] and HHMEM=1 for anyone in the
            household then ask SP8 else skip to SS1.

SP8   If [(SEX=2 and AGE=15-45) for any hh member and (AGE=0-4) for any hh
            member] then fill second option else if

            (SEX=2 and AGE=15-45) for any hh member and (no AGE=0-4) for any hh
            member then fill first option else fill third option.

            **During the past 30 days, did any (women/women or children/children) in this
            household get food through the WIC program?**

                 <1> Yes
                 <2> No (GO TO SS1)

                 Blind <D> or <R> (GO TO SS1)

SP9   If [(SEX=2 and AGE=15-45) for any hh member and (AGE=0-4) for any hh
            member] then fill second option else if

            (SEX=2 and AGE=15-45) for any hh member and (no AGE=0-4) for any hh
            member then fill first option else fill third option.

            **How many (women/women or children/children) in the household got WIC
            foods?**

                 Number _____

                 Blind <D> or <R

IV. FOOD SUFFICIENCY AND FOOD SECURITY

SS1_LEAD **The next questions are about the food eaten in your household in the last 12 months, since December of last year, and whether you were able to afford the food you need.**

If NUMHOU = 1 then fill parenthetical with first option else fill with second option.

SS1 **Which of these statements best describes the food eaten in your household-- enough of the kinds of food (I/ we) want to eat, enough but not always the <u>kinds</u> of food (I/ we) want to eat, sometimes not enough to eat, or often not enough to eat?**

> <1> Enough of the kinds of food we want to eat
> <2> Enough but not always the <u>kinds</u> of food we want to eat
> <3> Sometimes not enough to eat
> <4> Often not enough to eat
>
> Blind <D> or <R>

SX1CK If POOR=2 and (SS1= <1> or <R>) and (S9= <2> or <R>), then go to END OF SUPPLEMENT else ask SS2

NOTE: ADULT_COUNT=number of household members with AGE>=18 or PURRP=1, 2, 3, 13, or 14

CHILD_COUNT=number of household members with AGE<=17 and PURRP>=4 and PURRP not 13 or 14

SS2 If ADULT_COUNT=1 for the household then fill first option in parenthetical else fill second option.

Now I'm going to read you several statements that people have made about their food situation. For these statements, please tell me whether the statement was OFTEN true, SOMETIMES true, or NEVER true for (you/your household) in the last 12 months.

The first statement is "(I/We) worried whether (my/our) food would run out before (I/we) got money to buy more." Was that OFTEN true,

SOMETIMES true, or NEVER true for (you/your household) in the last 12 months?

> <1> Often true
> <2> Sometimes true
> <3> Never true (GO TO SS3)
>
> Blind <D> or <R> (GO TO SS3)

SSM2   **Did this ever happen in the last 30 days?**

> <1> Yes
> <2> No
>
> Blind <D> or <R>

SS3   **"The food that (I/we) bought just didn't last, and (I/we) didn't have money to get more." Was that OFTEN, SOMETIMES or NEVER true for (you/ your household) in the last 12 months?**

> <1> Often true
> <2> Sometimes true
> <3> Never true (GO TO SS4)
>
> Blind <D> or <R> (GO TO SS4)

SSM3   **Did this ever happen in the last 30 days?**

> <1> Yes
> <2> No
>
> Blind <D> or <R>

SS4   **"(I/we) couldn't afford to eat balanced meals." Was that OFTEN, SOMETIMES or NEVER true for (you/ your household) in the last 12 months?**

> <1> Often true (GO TO SSM4)
> <2> Sometimes true (GO TO SSM4)
> <3> Never true (GO TO SX2CK)
>
> Blind <D> or <R> (GO TO SX2CK)

SSM4 **Did this ever happen in the last 30 days?**

> <1> Yes
> <2> No
>
> Blind <D or <R>

SX2CK If SS1 = <3> or <4> OR SS2 = <1> or <2> OR SS3 = <1> or <2> OR SS4 =
<1> or <2> then go to SH2
else go to SX4CK.

SH2 If ADULT_COUNT=1 for the household then fill first option in parenthetical else
fill second option.

**In the last 12 months, did (you/ you or other adults in your household) ever
cut the size of your meals or skip meals because there wasn't enough money
for food?**

> <1> Yes
> <2> No (GO TO SH3)
>
> Blind <D> or <R> (GO TO SH3)

SHF2 **How often did this happen--almost every month, some months but not every
month, or in only 1 or 2 months?**

> <1> Almost every month
> <2> Some months but not every month
> <3> Only 1 or 2 months
>
> Blind <D> or <R>

SHM2 If ADULT_COUNT=1 for the household then fill first option in parenthetical else
fill second option.

**Now think about the last 30 days. During that time did (you/ you or other
adults in your household) ever cut the size of your meals or skip meals
because there wasn't enough money for food?**

> <1> Yes
> <2> No (GO TO SH3)
>
> Blind <D> or <R> (GO TO SH3)

SHMF2   **How many days did this happen in the last 30 days?**

            _____number of days (GO TO SH3)
            <1-30>

            Blind <D> or <R> (GO TO SH3)

SH3   **In the last 12 months, did you ever eat less than you felt you should because there wasn't enough money for food?**

            <1> Yes
            <2> No (GO TO SH4)

            Blind <D> or <R> (GO TO SH4)

SHF3   **How often did this happen-almost every month, some months but not every month, or in only 1 or 2 months?**

            <1> Almost every month
            <2> Some months but not every month
            <3> Only 1 or 2 months

            Blind <D> or <R>

SHM3   **Did this happen in the last 30 days?**

            <1> Yes
            <2> No (GO TO SH4)

            Blind <D> or <R> (GO TO SH4)

SHMF3   **In the last 30 days, how many days did you eat less than you felt you should because there wasn't enough money for food?**

            _____number of days
            <1-30>

            Blind <D> or <R>

SH4   **In the last 12 months, were you ever hungry but didn't eat because there wasn't enough money for food?**

            <1> Yes

<2> No (GO TO SH5)

Blind <D> or <R> (GO TO SH5)

SHF4   **How often did this happen--almost every month, some months but not every month, or in only 1 or 2 months?**

<1> Almost every month
<2> Some months but not every month
<3> Only 1 or 2 months

Blind <D> or <R>

SHM4   **Did this happen in the last 30 days?**

<1>Yes
<2> No (GO TO SH5)

Blind <D> or <R> (GO TO SH5)

SHMF4   **In the last 30 days, how many days were you hungry but didn't eat because there wasn't enough money for food?**

_____number of days
<1-30>

Blind <D> or <R>

SH5   **In the last 12 months, did you lose weight because there wasn't enough money for food?**

<1> Yes
<2> No (GO TO SX3CK)

Blind <D> or <R> (GO TO SX3CK)

SHM5   **Did this happen in the last 30 days?**

<1> Yes
<2> No

Blind <D> or <R>

SX3CK   If SH2=<1> OR SH3=<1> OR SH4=<1> OR SH5=<1> then continue to SSH1
             else skip to SX4CK

SSH1   If ADULT_COUNT=1 for the household then fill first option in parenthetical else
             fill second option.

             **In the last 12 months, did (you/you or other adults in your household) ever
             not eat for a whole day because there wasn't enough money for food?**

                     <1> Yes
                     <2> No (GO TO SX4CK)

                     Blind <D> or <R> (GO TO SX4CK)

SSHF1   **How often did this happen--almost every month, some months but not every
             month, or in only 1 or 2 months?**

                     <1> Almost every month
                     <2> Some months but not every month
                     <3> Only 1 or 2 months

                     Blind <D> or <R>

SSHM1   If ADULT_COUNT=1 for the household then fill first option in parenthetical else
             fill second option.

             **Now think about the last 30 days. During that time did (you/ you or other
             adults in your household) ever not eat for a whole day because there wasn't
             enough money for food?**

                     <1> Yes
                     <2> No (GO TO SX4CK)

                     Blind <D> or <R> (GO TO SX4CK)

SSHMF1   **How many times did this happen in the last 30 days?**

                     _____times
                     <1-30>

                     Blind <D> or <R>

SX4CK   If CHILD_COUNT is greater than or equal to 1 in household go to SS5 else skip
          to SC1CK.

SS5_LEAD **Now I'm going to read you several statements that people have made about
          the food situation of their children. For these statements, please tell me
          whether the statement was OFTEN true, SOMETIMES true, or NEVER true
          in the last 12 months for any child under 18 years old living in the household.**

SS5   If ADULT_COUNT=1 for the household fill first, third, fourth and fifth
          parenthetical with first option else fill with second option.

          If CHILD_COUNT=1 then fill second parenthetical with first option else fill with
          second option.

          **"(I/we) relied on only a few kinds of low-cost food to feed (the child in
          (my/our) household/the children) because (I was/we were) running out of
          money to buy food. Was that OFTEN, SOMETIMES or NEVER true for
          (you/ your household) in the last 12 months?**

                   <1> Often true
                   <2> Sometimes true
                   <3> Never true (GO TO SS6)

                   Blind <D> or <R> (GO TO SS6)

SSM5   **Did this ever happen in the last 30 days?**

                   <1> Yes
                   <2> No

                   Blind <D> or <R>

SS6   If ADULT_COUNT=1 fill first, third, fourth and fifth parenthetical with first
          option else fill with second option.

          If CHILD_COUNT=1 then fill second parenthetical with first option else fill with
          second option.

          **"(I/we) couldn't feed (the child in (my/our) household/the children) a
          balanced meal, because (I/we) couldn't afford that." Was that OFTEN,
          SOMETIMES or NEVER true for (you/your household) in the last 12
          months?**
                   <1> Often true (GO TO SSM6)

<2> Sometimes true (GO TO SSM6)
<3> Never true (GO TO SH1)

Blind <D> or <R> (GO TO SH1)

SSM6   **Did this ever happen in the last 30 days?**

<1> Yes
<2> No

Blind <D> or <R>

SH1   If ADULT_COUNT=1 then fill second, third, and fourth parenthetical with first option else fill with second option.

If CHILD_COUNT=1 then fill first parenthetical with first option else fill with second option.

"(The child in (my/our) household was/The children were) not eating enough because (I/we) just couldn't afford enough food." Was that OFTEN, SOMETIMES or NEVER true for (you/ your household) in the last 12 months?

<1> Often true
<2> Sometimes true
<3> Never true (GO TO SX5CK)

Blind <D> or <R> (GO TO SX5CK)

SHM1   **Did this ever happen in the last 30 days?**

<1> Yes
<2> No

Blind <D> or <R>

SX5CK   If SS5 = <1> or <2> OR SS6 = <1> or <2> OR SH1 = <1> or <2> go to SSH2 else skip to SC1CK.

SSH2   If CHILD_COUNT=1 then fill with first option else fill with second option.

In the last 12 months, did you ever cut the size of (the child's/any of the children's) meals because there wasn't enough money for food?

            <1> Yes
            <2> No (GO TO SSH3)

            Blind <D> or <R> (GO TO SSH3)

SSHF2   **How often did this happen - almost every month, some months but not every month, or in only 1 or 2 months?**

            <1>   Almost every month
            <2>   Some months but not every month
            <3>   Only 1 or 2 months

            Blind <D> or <R>

SSHM2   **Did this happen in the last 30 days?**

            <1> Yes
            <2> No (GO TO SSH3)

            Blind <D> or <R> (GO TO SSH3)

SSHMF2   If CHILD_COUNT=1 then fill with first option else fill with second option.

        In the last 30 days, how many days did you cut the size of (the child's/any of the children's) meals because there wasn't enough money for food?

            _____days
            <1-30>

            Blind <D> or <R>

SSH3   If CHILD_COUNT=1 then fill with first option else fill with second option.

        In the last 12 months, (was the child/were the children) ever hungry but you just couldn't afford more food?

            <1> Yes
            <2> No (GO TO SSH4)

            Blind <D> or <R> (GO TO SSH4)

SSHF3 **How often did this happen – almost every month, some months but not every month, or in only 1 or 2 months?**

                <1> Almost every month
                <2> Some months but not every month
                <3> Only 1 or 2 months

                Blind <D> or <R>

SSHM3 **Did this happen in the last 30 days?**

                <1> Yes
                <2> No (GO TO SSH4)

                Blind <D> or <R> (GO TO SSH4)

SSHMF3 If CHILD_COUNT=1 then fill with first option else fill with second option.

In the last 30 days, how many days (was the child/were the children) hungry but you just couldn't afford more food?

                _____number of days
                <1-30>

                Blind <D> or <R>

SSH4 If CHILD_COUNT=1 then fill with first option else fill with second option.

In the last 12 months, did (the child/ any of the children) ever skip a meal because there wasn't enough money for food?

                <1> Yes
                <2> No (GO TO SSH5)

                Blind <D> or <R> (GO TO SSH5)

SSHF4 **How often did this happen--almost every month, some months but not every month, or in only 1 or 2 months?**

<1> Almost every month
<2> Some months but not every month
<3> Only 1 or 2 months

Blind <D> or <R>

SSHM4 If CHILD_COUNT=1 then fill with first option else fill with second option.

Now think about the last 30 days. Did (the child/any of the children) ever skip a meal during that time because there wasn't enough money for food?

<1> Yes
<2> No (GO TO SSH5)

Blind <D> or <R> (GO TO SSH5)

SSHMF4 **How many days did this happen in the last 30 days?**

_____days
<1-30>

Blind <D> or <R>

SSH5 If CHILD_COUNT=1 then fill with first option else fill with second option.

In the last 12 months, did (the child/any of the children) ever not eat for a whole day because there wasn't enough money for food?

<1> Yes
<2> No (GO TO SC1CK)

Blind <D> or <R> (GO TO SC1CK)

SSHM5 **Did this happen in the last 30 days?**

<1> Yes
<2> No

Blind <D> or <R>
All responses go to SC1CK

V. WAYS OF COPING WITH NOT HAVING ENOUGH FOOD

SC1CK   If HHMEM = 1 and AGE is 60 years old or older of anyone in the household ask SC1 else go to SC3.

SC1   If more than one person in household fill with second option, else fill with first option.

During the past 30 days, did (you/anyone in this household) receive any meals delivered to the home from community programs, "Meals on Wheels," or any other programs?

            <1> Yes
            <2> No

            Blind <D> or <R>

SC2   If more than one person in household fill with second option, else fill with first option.

During the past 30 days, did (you/anyone in this household) go to a community program or senior center to eat prepared meals?

            <1> Yes
            <2> No

            Blind <D> or <R>

For items SC3 and SC4, if only 1 HHMEM = 1 and (AGE>=18 or PURRP <=3) in household then fill first parenthetical with first option else fill with second option.

SC3   **In the last 12 months, did (you/you or other adults in your household) ever get emergency food from a church, a food pantry, or food bank?**

            <1> Yes
            <2> No (GO TO SC3A)

            Blind <D> or <R> (GO TO SC4)

SCF3   **How often did this happen-almost every month, some months but not every month, or in only 1 or 2 months?**

<1> Almost every month
<2> Some months but not every month
<3> Only 1 or 2 months

Blind <D> or <R>

SCM3   **Did this happen in the last 30 days?**

<1> Yes (GO TO SC4)
<2> No (GO TO SC4)

SC3A   **Is there a church, food pantry or food bank in your community where you could get emergency food if you needed it?**

<1> Yes
<2> No

Blind <D> or <R>

SC4   **In the last 12 months, did (you/you or other adults in your household) ever eat any meals at a soup kitchen or shelter?**

<1>Yes
<2> No (GO TO END OF SUPPLEMENT)

Blind <D> or <R> (GO TO END OF SUPPLEMENT)

SCF4   **How often did this happen-almost every month, some months but not every month, or in only 1 or 2 months?**

<1> Almost every month
<2> Some months but not every month
<3> Only 1 or 2 months

Blind <D> or <R>

SCM4   **Did this happen in the last 30 days?**

<1> Yes
<2> No

Blind <D> or <R>

SSPCK1 (Interviewer query, do not read)

Did you use the Spanish language version for none, some, or all of the questions about having adequate food?

> <1> None
> <2> Some
> <3> All

*****END OF SUPPLEMENT*****

ATTACHMENT 9

INDUSTRY CLASSIFICATION

Industry Classification Codes for Detailed Industry (4 digit)
(Starting January 2014)

These categories are aggregated into 52 detailed groups and 14 major groups (see pages 10-12 of this attachment). The codes in the right hand column are the NAICS equivalent.

These codes correspond to Items PEIO1ICD and PEIO2ICD, in positions 856-859 and 864-867 of the Basic CPS record layout in all months, **except March**. In the **March**, these codes correspond to PEIOIND and INDUSTRY, in positions 168-171 and 292-295 of the Person record.

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

CODE	DESCRIPTION	INDUSTRY CODE

Construction

0770	** Construction (Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction)	23

Manufacturing
Nondurable Goods manufacturing

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

CODE	DESCRIPTION	INDUSTRY CODE

Durable Goods Manufacturing

CODE	DESCRIPTION	INDUSTRY CODE
2470	Pottery, ceramics, and related products manufacturing	32711
2480	Structural clay product manufacturing	32712
2490	Glass and glass product manufacturing	3272
2570	Cement, concrete, lime, and gypsum product manufacturing	3273, 3274
2590	Miscellaneous nonmetallic mineral product manufacturing	3279
2670	Iron and steel mills and steel product manufacturing	3311, 3312
2680	Aluminum production and processing	3313
2690	Nonferrous metal, except aluminum, production and processing	3314
2770	Foundries	3315
2780	Metal forgings and stampings	3321
2790	Cutlery and hand tool manufacturing	3322
2870	Structural metals, and tank and shipping container manufacturing	3323, 3324
2880	Machine shops; turned product; screw, nut and bolt manufacturing	3327
2890	Coating, engraving, heat treating and allied activities	3328
2970	Ordnance	332992 to 332995
2980	Miscellaneous fabricated metal products manufacturing	3325, 3326, 3329 exc. 332992, 332993, 332994, 332995
2990	Not specified metal industries	Part of 331 and 332
3070	Agricultural implement manufacturing	33311
3080	Construction, mining and oil field machinery manufacturing	33312, 33313
3095	Commercial and service industry machinery manufacturing	3333
3170	Metalworking machinery manufacturing	3335
3180	Engines, turbines, and power transmission equipment manufacturing	3336
3190	Machinery manufacturing, n.e.c.	Part of 333
3365	Computer and peripheral equipment manufacturing	3341
3370	Communications, audio, and video equipment manufacturing	3342, 3343
3380	Navigational, measuring, electromedical, and control instruments manufacturing	3345
3390	Electronic component and product manufacturing, n.e.c.	3344, 3346
3470	Household appliance manufacturing	3352
3490	Electrical lighting, equipment, and supplies manufacturing, n.e.c.	3351, 3353, 3359
3570	Motor vehicles and motor vehicle equipment manufacturing	3361, 3362, 3363
3580	Aircraft and parts manufacturing	336411 to 336413
3590	Aerospace products and parts manufacturing	336414, 336415, 336419
3670	Railroad rolling stock manufacturing	3365
3680	Ship and boat building	3366
3690	Other transportation equipment manufacturing	3369

CODE	DESCRIPTION	INDUSTRY CODE
3770	Sawmills and wood preservation	3211
3780	Veneer, plywood, and engineered wood products	3212
3790	Prefabricated wood buildings and mobile homes	321991, 321992
3875	Miscellaneous wood products	3219 exc. 321991, 321992
3895	Furniture and related product manufacturing	337
3960	Medical equipment and supplies manufacturing	3391
3970	Toys, amusement, and sporting goods manufacturing	33992, 33993
3980	Miscellaneous manufacturing, n.e.c.	3399 exc. 33992, 33993
3990	Not specified manufacturing industries	Part of 31, 32, 33

Wholesale Trade
Durable Goods Wholesale

CODE	DESCRIPTION	INDUSTRY CODE
4070	Motor vehicles, parts and supplies, merchant wholesalers	4231
4080	Furniture and home furnishing, merchant wholesalers	4232
4090	Lumber and other construction materials, merchant wholesalers	4233
4170	Professional and commercial equipment and supplies, merchant wholesalers	4234
4180	Metals and minerals, except petroleum, merchant wholesalers	4235
4195	Electrical goods, merchant wholesalers	4236
4265	Hardware, plumbing and heating equipment, and supplies, merchant wholesalers	4237
4270	Machinery, equipment, and supplies, merchant wholesalers	4238
4280	Recyclable material, merchant wholesalers	42393
4290	Miscellaneous durable goods, merchant wholesalers	4239 exc. 42393

Nondurable Goods Wholesale

CODE	DESCRIPTION	INDUSTRY CODE
4370	Paper and paper products, merchant wholesalers	4241
4380	Drugs, sundries, and chemical and allied products, merchant wholesalers	4242, 4246
4390	Apparel, fabrics, and notions, merchant wholesalers	4243
4470	Groceries and related products, merchant wholesalers	4244
4480	Farm product raw materials, merchant wholesalers	4245
4490	Petroleum and petroleum products, merchant wholesalers	4247
4560	Alcoholic beverages, merchant wholesalers	4248
4570	Farm supplies, merchant wholesalers	42491
4580	Miscellaneous nondurable goods, merchant wholesalers	4249 exc. 42491
4585	Wholesale electronic markets, agents and brokers	4251
4590	Not specified wholesale trade	Part of 42

Retail Trade

CODE	DESCRIPTION	INDUSTRY CODE
4670	Automobile dealers	4411
4680	Other motor vehicle dealers	4412
4690	Auto parts, accessories, and tire stores	4413
4770	Furniture and home furnishings stores	442
4780	Household appliance stores	443111
4795	Radio, TV, and computer stores	443112, 44312
4870	Building material and supplies dealers	4441 exc. 44413
4880	Hardware stores	44413
4890	Lawn and garden equipment and supplies stores	4442
4970	Grocery stores	4451
4980	Specialty food stores	4452
4990	Beer, wine, and liquor stores	4453
5070	Pharmacies and drug stores	4461
5080	Health and personal care, except drug, stores	446 exc. 44611
5090	Gasoline stations	447
5170	Clothing and accessories, except shoe, stores	448 exc. 44821, 4483
5180	Shoe stores	44821
5190	Jewelry, luggage, and leather goods stores	4483
5275	Sporting goods, camera, and hobby and toy stores	44313, 45111, 45112
5280	Sewing, needlework, and piece goods stores	45113
5295	Music stores	45114, 45122
5370	Book stores and news dealers	45121
5380	Department stores and discount stores	45211
5390	Miscellaneous general merchandise stores	4529
5470	Retail florists	4531
5480	Office supplies and stationery stores	45321
5490	Used merchandise stores	4533
5570	Gift, novelty, and souvenir shops	45322
5580	Miscellaneous retail stores	4539
5590	Electronic shopping	454111
5591	Electronic auctions	454112
5592	Mail order houses	454113
5670	Vending machine operators	4542
5680	Fuel dealers	45431
5690	Other direct selling establishments	45439
5790	Not specified retail trade	Part of 44, 45

CODE	DESCRIPTION	INDUSTRY CODE

Transportation and Warehousing

CODE	DESCRIPTION	INDUSTRY CODE
6070	Air transportation	481
6080	Rail transportation	482
6090	Water transportation	483
6170	Truck transportation	484
6180	Bus service and urban transit	4851, 4852, 4854, 4855, 4859
6190	Taxi and limousine service	4853
6270	Pipeline transportation	486
6280	Scenic and sightseeing transportation	487
6290	Services incidental to transportation	488
6370	Postal Service	491
6380	Couriers and messengers	492
6390	Warehousing and storage	493

Information

CODE	DESCRIPTION	INDUSTRY CODE
6470	Newspaper publishers	51111
6480	Publishing, except newspapers and software	5111 exc. 51111
6490	Software publishing	5112
6570	Motion pictures and video industries	5121
6590	Sound recording industries	5122
6670	Radio and television broadcasting and cable	515
6672	Internet Publishing and Broadcasting	51913
6680	Wired telecommunications carriers	5171
6690	Other telecommunications services	517 exc. 5171
6695	Data processing, hosting, and related services	518
6770	Libraries and archives	51912
6780	Other information services	5191 exc. 51912, 51913

Finance, Insurance, Real Estate, and Rental and Leasing
Finance and Insurance

CODE	DESCRIPTION	INDUSTRY CODE
6870	Banking and related activities	521, 52211, 52219
6880	Savings institutions, including credit unions	52212, 52213
6890	Non-depository credit and related activities	5222, 5223
6970	Securities, commodities, funds, trusts, and other financial investments	523, 525
6990	Insurance carriers and related activities	524

Real Estate and Rental and Leasing

Code	Description	Industry Code
7070	Real estate	531
7080	Automotive equipment rental and leasing	5321
7170	Video tape and disk rental	53223
7180	Other consumer goods rental	53221, 53222, 53229, 5323
7190	Commercial, industrial, and other intangible assets rental and leasing	5324, 533

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

Code	Description	Industry Code
7270	Legal services	5411
7280	Accounting, tax preparation, bookkeeping, and payroll services	5412
7290	Architectural, engineering, and related services	5413
7370	Specialized design services	5414
7380	Computer systems design and related services	5415
7390	Management, scientific, and technical consulting services	5416
7460	Scientific research and development services	5417
7470	Advertising and related services	5418
7480	Veterinary services	54194
7490	Other professional, scientific, and technical services	5419 exc. 54194

Management, Administrative and Support, and Waste Management Services

Management of companies and enterprises

Code	Description	Industry Code
7570	Management of companies and enterprises	551

Administrative and support and waste management services

Code	Description	Industry Code
7580	Employment services	5613
7590	Business support services	5614
7670	Travel arrangements and reservation services	5615
7680	Investigation and security services	5616
7690	Services to buildings and dwellings	5617 exc. 56173
	(except cleaning during construction and immediately after construction)	7770
7770	Landscaping services	56173
7780	Other administrative and other support services	5611, 5612, 5619
7790	Waste management and remediation services	562

Educational, Health and Social Services

Educational Services

7860	Elementary and secondary schools	6111
7870	Colleges and universities, including junior colleges	6112, 6113
7880	Business, technical, and trade schools and training	6114, 6115
7890	Other schools, instruction, and educational services	6116, 6117

Health Care and Social Assistance

7970	Offices of physicians	6211
7980	Offices of dentists	6212
7990	Offices of chiropractors	62131
8070	Offices of optometrists	62132
8080	Offices of other health practitioners	6213 exc. 62131, 62132
8090	Outpatient care centers	6214
8170	Home health care services	6216
8180	Other health care services	6215, 6219
8190	Hospitals	622
8270	Nursing care facilities	6231
8290	Residential care facilities, without nursing	6232, 6233, 6239
8370	Individual and family services	6241
8380	Community food and housing, and emergency services	6242
8390	Vocational rehabilitation services	6243
8470	Child day care services	6244

Arts, Entertainment, Recreation, Accommodation, and Food Services

Arts, Entertainment, and Recreation

8560	Independent artists, performing arts, spectator sports, and related industries	711
8570	Museums, art galleries, historical sites, and similar institutions	712
8580	Bowling centers	71395
8590	Other amusement, gambling, and recreation industries	713 exc. 71395

Accommodation and Food Service

8660	Traveler accommodation	7211
8670	Recreational vehicle parks and camps, and rooming and boarding houses	7212, 7213
8680	Restaurants and other food services	722 exc. 7224
8690	Drinking places, alcoholic beverages	7224

CODE	DESCRIPTION	INDUSTRY CODE

Other Services (Except Public Administration)

8770	Automotive repair and maintenance	8111 exc. 811192
8780	Car washes	811192
8790	Electronic and precision equipment repair and maintenance	8112
8870	Commercial and industrial machinery and equipment repair and maintenance	8113
8880	Personal and household goods repair and maintenance and footwear and leather goods repair	8114
8970	Barber shops	812111
8980	Beauty salons	812112
8990	Nail salons and other personal care services	812113, 81219
9070	Dry cleaning and laundry services	8123
9080	Funeral homes, cemeteries, and crematories	8122
9090	Other personal services	8129
9160	Religious organizations	8131
9170	Civic, social, advocacy organizations, and grant making and giving services	8132, 8133, 8134
9180	Labor unions	81393
9190	Business, professional, political, and similar organizations	8139 exc. 81393
9290	Private households	814

Public Administration

9370	Executive offices and legislative bodies	92111, 92112, 92114, pt. 92115
9380	Public finance activities	92113
9390	Other general government and support	92119
9470	Justice, public order, and safety activities	922, pt. 92115
9480	Administration of human resource programs	923
9490	Administration of environmental quality and housing programs	924, 925
9570	Administration of economic programs and space research	926, 927
9590	National security and international affairs	925

Armed Forces

| 9890 | Armed Forces | 9281 |

Detailed Industry Recodes (01-52)

These codes correspond to Items PRDTIND1 and PRDTIND2 in positions 472-475 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTIND and are located in positions 209-210.

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture	0170 - 0180, 0290
2	Forestry, logging, fishing, hunting, and trapping	0190 - 0280
3	Mining	0370 - 0490
4	Construction	0770
5	Nonmetallic mineral products	2470 - 2590
6	Primary metals and fabricated metal products	2670 - 2990
7	Machinery manufacturing	3070 - 3290
8	Computer and electronic products	3365 - 3390
9	Electrical equipment, appliance manufacturing	3470, 3490
10	Transportation equipment manufacturing	3570 - 3690
11	Wood products	3770 - 3875
12	Furniture and fixtures manufacturing	3895
13	Miscellaneous and not specified manufacturing	3960 - 3990
14	Food manufacturing	1070 - 1290
15	Beverage and tobacco products	1370, 1390
16	Textile, apparel, and leather manufacturing	1470 - 1790
17	Paper and printing	1870 - 1990
18	Petroleum and coal products	2070, 2090
19	Chemical manufacturing	2170 - 2290
20	Plastics and rubber products	2370 - 2390
21	Wholesale trade	4070 - 4590
22	Retail trade	4670 - 5790
23	Transportation and warehousing	6070 - 6390
24	Utilities	0570 - 0690
25	Publishing industries (except internet)	6470 - 6490
26	Motion picture and sound recording industries	6570, 6590
27	Broadcasting (except internet)	6670
28	Internet publishing and broadcasting	6675
29	Telecommunications	6680, 6690
30	Internet service providers and data processing services	6692, 6695
31	Other information services	6770, 6780
32	Finance	6870 - 6970
33	Insurance	6990
34	Real estate	7070
35	Rental and leasing services	7080 - 7190
36	Professional and technical services	7270 – 7490
37	Management of companies and enterprises	7570
38	Administrative and support services	7580 - 7780
39	Waste management and remediation services	7790
40	Educational services	7860 - 7890
41	Hospitals	8190
42	Health care services, except hospitals	7970 - 8180

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

<div align="center">

Major Industry Recodes
(01-14)

</div>

These codes correspond to Items PRMJIND1 and PRMJIND2 located in positions 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJIND and are located in positions 207-208.

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

APPENDIX 10

OCCUPATION CLASSIFICATION

(Beginning May 2012)

These categories are aggregated into 23 detailed groups and 11 major groups (see pages 10-13 and 10-14).The codes in the right hand column are the 2010 SOC equivalent.

These codes correspond to items PEIO1OCD and PEIO2OCD in positions 860-863 and 868-871 of the Basic CPS record layout in all months. In **ASEC**, these codes correspond to items PEIOOCC and OCCUP located in positions 172-172 and 296-299 of the Persons Record. These codes are also applicable for any other CPS supplements that collect occupation data.

2010 CENSUS CODE	DESCRIPTION	2010 SOC CODE
	Management Occupations	
0010	Chief executives	11-1011
0020	General and operations managers	11-1021
0040	Advertising and promotions managers	11-2011
0050	Marketing and sales managers	11-2020
0060	Public relations managers	11-2031
0100	Administrative services managers	11-3011
0110	Computer and information systems managers	11-3021
0120	Financial managers	11-3031
0135	Compensation and benefits managers	11-3111
0136	Human resources managers	11-3121
0137	Training and development managers	11-3131
0140	Industrial production managers	11-3051
0150	Purchasing managers	11-3061
0160	Transportation, storage, and distribution managers	11-3071
0205	Farmers, ranchers, and other agricultural managers	11-9013
0220	Construction managers	11-9021
0230	Education administrators	11-9030
0300	Engineering managers	11-9041
0310	Food service managers	11-9051
0330	Gaming managers	11-9071
0340	Lodging managers	11-9081
0350	Medical and health services managers	11-9111
0360	Natural sciences managers	11-9121
0410	Property, real estate, and community association managers	11-9141
0420	Social and community service managers	11-9151
0425	Emergency management directors	11-9161

0430	Managers, all other	11-XXXX

Business and Financial Operations Occupations

Business Operations Specialists

0500	Agents and business managers of artists, performers, and athletes	13-1011
0510	Purchasing agents and buyers, farm products	13-1021
0520	Wholesale and retail buyers, except farm products	13-1022
0530	Purchasing agents, except wholesale, retail, and farm products	13-1023
0540	Claims adjusters, appraisers, examiners, and investigators	13-1030
0565	Compliance officers	13-1041
0600	Cost estimators	13-1051
0630	Human resource workers	13-1070
0640	Compensation, benefits, and job analysis specialists	13-1141
0650	Training and development specialists	13-1151
0700	Logisticians	13-1081
0710	Management analysts	13-1111
0725	Meeting, convention, and event planners	13-1121
0726	Fundraisers	13-1131
0735	Market research analysts and marketing specialists	13-1161
0740	Business operations specialists, all other	13-1199

Financial Specialists

0800	Accountants and auditors	13-2011
0810	Appraisers and assessors of real estate	13-2021
0820	Budget analysts	13-2031
0830	Credit analysts	13-2041
0840	Financial analysts	13-2051
0850	Personal financial advisors	13-2052
0860	Insurance underwriters	13-2053
0900	Financial examiners	13-2061
0910	Loan counselors and officers	13-2070
0930	Tax examiners, collectors, and revenue agents	13-2081
0940	Tax prepares	13-2082
0950	Financial specialists, all other	13-2099

Computer and Mathematical Occupations

1005	Computer and information research scientists	15-1111
1006	Computer systems analysts	15-1121
1007	Information security analysts	15-1122
1010	Computer programmers	15-1131
1020	Software developers, applications and systems software	15-113X
1030	Web developers	15-1134
1050	Computer support specialists	15-1150
1060	Database administrators	15-1141
1105	Network and computer systems administrators	15-1142
1106	Computer network architects	15-1143

1107	Computer occupations, all other	15-1199
1200	Actuaries	15-2011
1220	Operations research analysts	15-20XX
1240	Mathematicians, statisticians and miscellaneous mathematical science occupations	

Architecture and Engineering Occupations

1300	Architects, except naval	17-1010
1310	Surveyors, cartographers, and photogrammetrists	17-1020
1320	Aerospace engineers	17-2011
1340	Agricultural and biomedical engineers	17-20XX
1350	Chemical engineers	17-2041
1360	Civil engineers	17-2051
1400	Computer hardware engineers	17-2061
1410	Electrical and electronic engineers	17-2070
1420	Environmental engineers	17-2081
1430	Industrial engineers, including health and safety	17-2110
1440	Marine engineers and naval architects	17-2121
1450	Materials engineers	17-2131
1460	Mechanical engineers	17-2141
1500	Mining and geological engineers, including mining safety engineers	17-2151
1510	Nuclear engineers	17-2161
1520	Petroleum engineers	17-2171
1530	Engineers, all other	17-2199
1540	Drafters	17-3010
1550	Engineering technicians, except drafters	17-3020
1560	Surveying and mapping technicians	17-3031

Life, Physical, and Social Science Occupations

1600	Agricultural and food scientists	19-1010
1610	Biological scientists	19-1020
1640	Conservation scientists and foresters	19-1030
1650	Medical scientists and life scientists, all other	19-10XX
1700	Astronomers and physicists	19-2010
1710	Atmospheric and space scientists	19-2021
1720	Chemists and materials scientists	19-2030
1740	Environmental scientists and geoscientists	19-2040
1760	Physical scientists, all other	19-2099
1800	Economists	19-3011
1820	Psychologists	19-3030
1840	Urban and regional planners	19-3051
1860	Miscellaneous social scientists, including survey researchers and sociologists	19-30XX
1900	Agricultural and food science technicians	19-4011
1910	Biological technicians	19-4021
1920	Chemical technicians	19-4031
1930	Geological and petroleum technicians	19-4041
1965	Miscellaneous life, physical, and social science technicians	

Community and Social Services Occupations

2000	Counselors	21-1010
2010	Social workers	21-1020
2015	Probation officers and correctional treatment specialists	21-1092
2016	Social and human service assistants	21-1093
2025	Miscellaneous community and social service specialists, including health educators and community health workers	21-109X
2040	Clergy	21-2011
2050	Directors, religious activities and education	21-2021
2060	Religious workers, all other	21-2099

Legal Occupations

2100	Lawyers, Judges, magistrates, and other judicial workers	23-1011
		23-1020
2105	Judicial law clerks	23-1012
2145	Paralegals and legal assistants	23-2011
2160	Miscellaneous legal support workers	23-2090

Education, Training, and Library Occupations

2200	Postsecondary teachers	25-1000
2300	Preschool and kindergarten teachers	25-2010
2310	Elementary and middle school teachers	25-2020
2320	Secondary school teachers	25-2050
2330	Special education teachers	25-2040
2340	Other teachers and instructors	25-3000
2400	Archivists, curators, and museum technicians	25-4010
2430	Librarians	25-4021
2440	Library technicians	25-4031
2540	Teacher assistants	25-9041
2550	Other education, training, and library workers	25-90XX

Arts, Design, Entertainment, Sports, and Media Occupations

2600	Artists and related workers	27-1010
2630	Designers	27-1020
2700	Actors	27-2011
2710	Producers and directors	27-2012
2720	Athletes, coaches, umpires, and related workers	27-2020
2740	Dancers and choreographers	27-2030
2750	Musicians, singers, and related workers	27-2040
2760	Entertainers and performers, sports and related workers, all other	27-2099
2800	Announcers	27-3010
2810	News analysts, reporters and correspondents	27-3020
2825	Public relations specialists	27-3031
2830	Editors	27-3041
2840	Technical writers	27-3042
2850	Writers and authors	27-3043

2860	Miscellaneous media and communication workers	27-3090
2900	Broadcast and sound engineering technicians and radio operators, and media and communication equipment workers, all other	27-40XX
2910	Photographers	27-4021
2920	Television, video, and motion picture camera operators and editors	27-4030

Healthcare Practitioners and Technical Occupations

3000	Chiropractors	29-1011
3010	Dentists	29-1020
3030	Dietitians and nutritionists	29-1031
3040	Optometrists	29-1041
3050	Pharmacists	29-1051
3060	Physicians and surgeons	29-1060
3110	Physician assistants	29-1071
3140	Audiologists	29-1181
3150	Occupational therapists	29-1122
3160	Physical therapists	29-1123
3200	Radiation therapists	29-1124
3210	Recreational therapists	29-1125
3220	Respiratory therapists	29-1126
3230	Speech-language pathologists	29-1127
3245	Exercise physiologists and therapists, all other	29-112X
3250	Veterinarians	29-1131
3255	Registered nurses	29-1141
3256	Nurse anesthetists	29-1151
3258	Nurse midwives and nurse practitioners	29-11XX
3260	Health diagnosing and treating practitioners, all other	29-1199
3300	Clinical laboratory technologists and technicians	29-2010
3310	Dental hygienists	29-2021
3320	Diagnostic related technologists and technicians	29-2030
3400	Emergency medical technicians and paramedics	29-2041
3420	Health diagnosing and treating practitioner support technicians	29-2050
3500	Licensed practical and licensed vocational nurses	29-2061
3510	Medical records and health information technicians	29-2071
3520	Opticians, dispensing	29-2081
3535	Miscellaneous health technologists and technicians	29-2090
3540	Other healthcare practitioners and technical occupations, including podiatrists	29-XXXX

Healthcare Support Occupations

3600	Nursing, psychiatric, and home health aides	31-1010
3610	Occupational therapist assistants and aides	31-2010
3620	Physical therapist assistants and aides	31-2020
3630	Massage therapists	31-9011
3640	Dental assistants	31-9091
3645	Medical assistants	31-9092
3646	Medical transcriptionists	31-9094
3647	Pharmacy aides	31-9095
3648	Veterinary assistants and laboratory animal caretakers	31-9096
3649	Phlebotomists	31-9097

| 3655 | Miscellaneous healthcare support occupations, including medical equipment preparers | 31-909X |

Protective Service Occupations

3700	First-line supervisors/managers of correctional officers	33-1011
3710	First-line supervisors/managers of police and detectives	33-1012
3720	First-line supervisors/managers of fire fighting and prevention workers	33-1021
3730	Supervisors, protective service workers, all other	33-1099
3740	Fire fighters	33-2011
3750	Fire inspectors	33-2020
3800	Bailiffs, correctional officers, and jailers	33-3010
3820	Detectives and criminal investigators	33-3021
3840	Miscellaneous law enforcement workers	33-30XX
3850	Police officers	33-3050
3900	Animal control workers	33-9011
3910	Private detectives and investigators	33-9021
3930	Security guards and gaming surveillance officers	33-9030
3940	Crossing guards	33-9091
3945	Transportation security screeners	33-9093
3955	Lifeguards and other recreational and all other protective service workers	33-909X

Food Preparation and Serving Related Occupations

4000	Chefs and head cooks	35-1011
4010	First-line supervisors/managers of food preparation and serving workers	35-1012
4020	Cooks	35-2010
4030	Food preparation workers	35-2021
4040	Bartenders	35-3011
4050	Combined food preparation and serving workers, including fast food	35-3021
4060	Counter attendants, cafeteria, food concession, and coffee shop	35-3022
4110	Waiters and waitresses	35-3031
4120	Food servers, nonrestaurant	35-3041
4130	Food preparation and serving related workers, all other including dining room and cafeteria attendants and bartender helpers	35-9011
4140	Dishwashers	35-9021
4150	Hosts and hostesses, restaurant, lounge, and coffee shop	35-9031

Building and Grounds Cleaning and Maintenance Occupations

4200	First-line supervisors/managers of housekeeping and janitorial workers	37-1011
4210	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	37-1012
4220	Janitors and building cleaners	31-201X
4230	Maids and housekeeping cleaners	37-2012
4240	Pest control workers	37-2021
4250	Grounds maintenance workers	37-3010

Personal Care and Service Occupations

4300	First-line supervisors/managers of gaming workers	39-1010
4320	First-line supervisors/managers of personal service workers	39-1021
4340	Animal trainers	39-2011
4350	Nonfarm animal caretakers	39-2021
4400	Gaming services workers	39-3010
4410	Motion picture projectionists	39-3021
4420	Ushers, lobby attendants, and ticket takers	39-3031
4430	Miscellaneous entertainment attendants and related workers	39-3090
4460	Embalmers and funeral attendants	39-40XX
4465	Morticians, undertakers, and funeral directors	39-4031
4500	Barbers	39-5011
4510	Hairdressers, hairstylists, and cosmetologists	39-5012
4520	Miscellaneous personal appearance workers	39-5090
4530	Baggage porters, bellhops, and concierges	39-6010
4540	Tour and travel guides	39-7010
4600	Child care workers	39-9011
4610	Personal and home care aides	39-9021
4620	Recreation and fitness workers	39-9030
4640	Residential advisors	39-9041
4650	Personal care and service workers, all other	39-9099

Sales and Related Occupations

4700	First-line supervisors/managers of retail sales workers	41-1011
4710	First-line supervisors/managers of non-retail sales workers	41-1012
4720	Cashiers	41-2010
4740	Counter and rental clerks	41-2021
4750	Parts salespersons	41-2022
4760	Retail salespersons	41-2031
4800	Advertising sales agents	41-3011
4810	Insurance sales agents	41-3021
4820	Securities, commodities, and financial services sales agents	41-3031
4830	Travel agents	41-3041
4840	Sales representatives, services, all other	41-3099
4850	Sales representatives, wholesale and manufacturing	41-4010
4900	Models, demonstrators, and product promoters	41-9010
4920	Real estate brokers and sales agents	41-9020
4930	Sales engineers	41-9031
4940	Telemarketers	41-9041
4950	Door-to-door sales workers, news and street vendors, and related workers	41-9091
4965	Sales and related workers, all other	41-9099

Office and Administrative Support Occupations

5000	First-line supervisors/managers of office and administrative support workers	43-1011
5010	Switchboard operators, including answering service	43-2011
5020	Telephone operators	43-2021
5030	Communications equipment operators, all other	43-2099

2010
CENSUS
CODE   DESCRIPTION

2010
SOC
CODE

Code	Description	SOC Code
5100	Bill and account collectors	43-3011
5110	Billing and posting clerks and machine operators	43-3021
5120	Bookkeeping, accounting, and auditing clerks	43-3031
5130	Gaming cage workers	43-3041
5140	Payroll and timekeeping clerks	43-3051
5150	Procurement clerks	43-3061
5160	Tellers	43-3071
5165	Financial clerks, all other	43-3099
5200	Brokerage clerks	43-4011
5220	Court, municipal, and license clerks	43-4031
5230	Credit authorizers, checkers, and clerks	43-4041
5240	Customer service representatives	43-4051
5250	Eligibility interviewers, government programs	43-4061
5260	File Clerks	43-4071
5300	Hotel, motel, and resort desk clerks	43-4081
5310	Interviewers, except eligibility and loan	43-4111
5320	Library assistants, clerical	43-4121
5330	Loan interviewers and clerks	43-4131
5340	New accounts clerks	43-4141
5350	Correspondence clerks and order clerks	43-4XXX
5360	Human resources assistants, except payroll and timekeeping	43-4161
5400	Receptionists and information clerks	43-4171
5410	Reservation and transportation ticket agents and travel clerks	43-4181
5420	Information and record clerks, all other	43-4199
5500	Cargo and freight agents	43-5011
5510	Couriers and messengers	43-5021
5520	Dispatchers	43-5030
5530	Meter readers, utilities	43-5041
5540	Postal service clerks	43-5051
5550	Postal service mail carriers	43-5052
5560	Postal service mail sorters, processors, and processing machine operators	43-5053
5600	Production, planning, and expediting clerks	43-5061
5610	Shipping, receiving, and traffic clerks	43-5071
5620	Stock clerks and order fillers	43-5081
5630	Weighers, measurers, checkers, and samplers, recordkeeping	43-5111
5700	Secretaries and administrative assistants	43-6010
5800	Computer operators	43-9011
5810	Data entry keyers	43-9021
5820	Word processors and typists	43-9022
5840	Insurance claims and policy processing clerks	43-9041
5850	Mail clerks and mail machine operators, except postal service	43-9051
5860	Office clerks, general	43-9061
5900	Office machine operators, except computer	43-9071
5910	Proofreaders and copy markers	43-9081
5920	Statistical assistants	43-9111
5940	Office and administrative support workers, including desktop publishers	

Farming, Fishing, and Forestry Occupations

6005	First-line supervisors of farming, fishing, and forestry workers	45-1011
6010	Agricultural inspectors	45-2011
6040	Graders and sorters, agricultural products	45-2041
6050	Miscellaneous agricultural workers, including animal breeders	45-20XX
6100	Fishing and hunting workers	45-3000
6120	Forest and conservation workers	45-4011
6130	Logging workers	45-4020

Construction Trades

6200	First-line supervisors/managers of construction trades and extraction workers	47-1011
6210	Boilermakers	47-2011
6220	Brickmasons, blockmasons, and stonemasons	47-2020
6230	Carpenters	47-2031
6240	Carpet, floor, and tile installers and finishers	47-2040
6250	Cement masons, concrete finishers, and terrazzo workers	47-2050
6260	Construction laborers	47-2061
6300	Paving, surfacing, and tamping equipment operators	47-2071
6320	Construction equipment operators, except Paving, surfacing, and tamping equipment operators	47-207X
6330	Drywall installers, ceiling tile installers, and tapers	47-2080
6355	Electricians	47-2111
6360	Glaziers	47-2121
6400	Insulation workers	47-2130
6420	Painters, construction and maintenance and paperhangers	47-214X
6440	Pipelayers, plumbers, pipefitters, and steamfitters	47-2150
6460	Plasterers and stucco masons	47-2161
6500	Reinforcing iron and rebar workers	47-2171
6515	Roofers	47-2181
6520	Sheet metal workers	47-2211
6530	Structural iron and steel workers	47-2221
6600	Helpers, construction trades	47-3010
6660	Construction and building inspectors	47-4011
6700	Elevator installers and repairers	47-4021
6710	Fence erectors	47-4031
6720	Hazardous materials removal workers	47-4041
6730	Highway maintenance workers	47-4051
6740	Rail-track laying and maintenance equipment operators	47-4061
6750	Septic tank servicers and sewer pipe cleaners	47-4071
6765	Miscellaneous construction and related workers, including photovoltaic installers	

Extraction Workers

6800	Derrick, rotary drill, and service unit operators, oil, gas, and mining	47-5010
6820	Earth drillers, except oil and gas	47-5021
6830	Explosives workers, ordnance handling experts, and blasters	47-5031
6840	Mining machine operators	47-5040
6920	Roustabouts, oil and gas	47-5071
6940	Other extraction workers, including roof bolters and helpers	47-50XX

Installation, Maintenance, and Repair Workers

Code	Description	SOC Code
7000	First-line supervisors/managers of mechanics, installers, and repairers	49-1011
7010	Computer, automated teller, and office machine repairers	49-2011
7020	Radio and telecommunications equipment installers and repairers	49-2020
7030	Avionics technicians	49-2091
7040	Electric motor, power tool, and related repairers	49-2092
7100	Electrical and electronics repairers, transportation equipment, industrial and utility	49-209X
7110	Electronic equipment installers and repairers, motor vehicles	49-2096
7120	Electronic home entertainment equipment installers and repairers	49-2097
7130	Security and fire alarm systems installers	49-2098
7140	Aircraft mechanics and service technicians	49-3011
7150	Automotive body and related repairers	49-3021
7160	Automotive glass installers and repairers	49-3022
7200	Automotive service technicians and mechanics	49-3023
7210	Bus and truck mechanics and diesel engine specialists	49-3031
7220	Heavy vehicle and mobile equipment service technicians and mechanics	49-3040
7240	Small engine mechanics	49-3050
7260	Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	49-3090
7300	Control and valve installers and repairers	49-9010
7315	Heating, air conditioning, and refrigeration mechanics and installers	49-9021
7320	Home appliance repairers	49-9031
7330	Industrial and refractory machinery mechanics	49-904X
7340	Maintenance and repair workers, general	49-9071
7350	Maintenance workers, machinery	49-9043
7360	Millwrights	49-9044
7410	Electrical power-line installers and repairers	49-9051
7420	Telecommunications line installers and repairers	49-9052
7430	Precision instrument and equipment repairers	49-9060
7510	Coin, vending, and amusement machine servicers and repairers	49-9091
7540	Locksmiths and safe repairers	49-9094
7550	Manufactured building and mobile home installers	49-9095
7560	Riggers	49-9096
7610	Helpers--installation, maintenance, and repair workers	49-9098
7630	Other installation, maintenance, and repair workers, including wind turbine service technicians, commercial divers, and signal and train switch repairers	49-909X

Production Occupations

Code	Description	SOC Code
7700	First-line supervisors/managers of production and operating workers	51-1011
7710	Aircraft structure, surfaces, rigging, and systems assemblers	51-2011
7720	Electrical, electronics, and electromechanical assemblers	51-2020
7730	Engine and other machine assemblers	51-2031
7740	Structural metal fabricators and fitters	51-2041
7750	Miscellaneous assemblers and fabricators	51-2090
7800	Bakers	51-3011
7810	Butchers and other meat, poultry, and fish processing workers	51-3020
7830	Food and tobacco roasting, baking, and drying machine operators and tenders	51-3091
7840	Food batchmakers	51-3092

7850	Food cooking machine operators and tenders	51-3093
7855	Food processing workers, all other	51-3099
7900	Computer control programmers and operators	51-4010
7920	Extruding and drawing machine setters, operators, and tenders, metal and plastic	51-4021
7940	Rolling machine setters, operators, and tenders and forging machine setters, operators, and tenders, metal and plastic	51-402X
7950	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	51-4031
8000	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	51-4033
8010	Lathe and turning machine tool setters, operators, and tenders, metal and plastic	51-4034
8030	Machinists	51-4041
8040	Metal furnace and kiln operators and tenders	51-4050
8100	Molders and molding machine setters, operators, and tenders, metal and plastic	51-4070
8130	Tool and die makers	51-4111
8140	Welding, soldering, and brazing workers	51-4120
8200	Plating and coating machine setters, operators, and tenders, metal and plastic	51-4193
8210	Tool grinders, filers, and sharpeners	51-4194
8220	Metalworkers and plastic workers, all other	51-4XXX
8250	Prepress technicians and workers	51-5111
8255	Printing press operators	51-5112
8256	Print binding and finishing workers	51-5113
8300	Laundry and dry-cleaning workers	51-6011
8310	Pressers, textile, garment, and related materials	51-6021
8320	Sewing machine operators	51-6031
8330	Shoe and leather workers and repairers	51-6041
8350	Tailors, dressmakers, and sewers	51-6050
8400	Textile cutting machine setters, operators, and tenders	51-6062
8410	Textile knitting and weaving machine setters, operators, and tenders	51-6063
8420	Textile winding, twisting, and drawing out machine setters, operators and tenders	51-6064
8450	Upholsterers	51-6093
8460	Miscellaneous textile, apparel, and furnishings workers, except upholsterers	51-60XX
8500	Cabinetmakers and bench carpenters	51-7011
8510	Furniture finishers	51-7021
8530	Sawing machine setters, operators, and tenders, wood	51-7041
8540	Woodworking machine setters, operators, and tenders, except sawing	51-7042
8550	Miscellaneous woodworkers, including model makers and pattern makers	51-70XX
8600	Power plant operators, distributors, and dispatchers	51-8010
8610	Stationary engineers and boiler operators	51-8021
8620	Water and liquid waste treatment plant and system operators	51-8031
8630	Miscellaneous plant and system operators	51-8090
8640	Chemical processing machine setters, operators, and tenders	51-9010
8650	Crushing, grinding, polishing, mixing, and blending workers	51-9020
8710	Cutting workers	51-9030
8720	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	51-9041
8730	Furnace, kiln, oven, drier, and kettle operators and tenders	51-9051
8740	Inspectors, testers, sorters, samplers, and weighers	51-9061
8750	Jewelers and precious stone and metal workers	51-9071
8760	Medical, dental, and ophthalmic laboratory technicians	51-9080
8800	Packaging and filling machine operators and tenders	51-9111
8810	Painting workers	51-9120
8830	Photographic process workers and processing machine operators	51-9130

2010
CENSUS
CODE   DESCRIPTION

2010
SOC
CODE

Code	Description	SOC Code
8850	Cementing and gluing machine operators and tenders	51-9191
8860	Cleaning, washing, and metal pickling equipment operators and tenders	51-9192
8910	Etchers and engravers	51-9194
8920	Molders, shapers, and casters, except metal and plastic	51-9195
8930	Paper goods machine setters, operators, and tenders	51-9196
8940	Tire builders	51-9197
8950	Helpers--production workers	51-9198
8965	Production workers, including semiconductor processors and cooling and freezing equipment operators	51-91XX

Transportation and Material Moving Occupations

Code	Description	SOC Code
9000	Supervisors, transportation and material moving workers	53-1000
9030	Aircraft pilots and flight engineers	53-2010
9040	Air traffic controllers and airfield operations specialists	53-2020
9110	Ambulance drivers and attendants, except emergency medical technicians	53-3011
9120	Bus drivers	53-3020
9130	Driver/sales workers and truck drivers	53-3030
9140	Taxi drivers and chauffeurs	53-3041
9150	Motor vehicle operators, all other	53-3099
9200	Locomotive engineers and operators	53-4010
9240	Railroad brake, signal, switch operators, conductors and yardmasters	53-40XX
9260	Subway, streetcar, and other rail transportation workers	53-30XX
9300	Sailors and marine oilers, and ship engineers	53-50XX
9310	Ship and boat captains and operators	53-5020
9350	Parking lot attendants	53-6021
9360	Service station attendants	53-6031
9410	Transportation inspectors	53-6051
9415	Transportation attendants, except flight attendants	53-6061
9420	Other transportation workers, including bridge and lock tenders	53-60XX
9510	Crane and tower operators	53-7021
9520	Dredge, excavating, and loading machine operators	53-7030
9560	Hoist and winch operators, and conveyor operators and tenders	53-70XX
9600	Industrial truck and tractor operators	53-7051
9610	Cleaners of vehicles and equipment	53-7061
9620	Laborers and freight, stock, and material movers, hand	53-7062
9630	Machine feeders and offbearers	53-7063
9640	Packers and packagers, hand	53-7064
9650	Pumping station operators	53-7070
9720	Refuse and recyclable material collectors	53-7081
9750	Material moving workers, including mine shuttle operators and tank car, truck, and ship loaders	53-71XX

Armed Forces

Code	Description	SOC Code
*9840	Armed Forces	

Detailed Occupation Recodes
(01-23)

These codes correspond to Items PRDTOCC1 and PRDTOCC2 in positions 476-479 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTOCC and are located in positions 161-162.

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management occupations	0010-0430
2	Business and financial operations occupations	0500-0950
3	Computer and mathematical science occupations	1000-1240
4	Architecture and engineering occupations	1300-1560
5	Life, physical, and social science occupations	1600-1965
6	Community and social service occupation	2000-2060
7	Legal occupations	2100-2160
8	Education, training, and library occupations	2200-2550
9	Arts, design, entertainment, sports, and media occupations	2600-2960
10	Healthcare practitioner and technical occupations	3000-3540
11	Healthcare support occupations	3600-3655
12	Protective service occupations	3700-3955
13	Food preparation and serving related occupations	4000-4160
14	Building and grounds cleaning and maintenance occupations	4200-4250
15	Personal care and service occupations	4300-4650
16	Sales and related occupations	4700-4965
17	Office and administrative support occupations	5000-5940
18	Farming, fishing, and forestry occupations	6000-6130
19	Construction and extraction occupations	6200-6940
20	Installation, maintenance, and repair occupations	7000-7630
21	Production occupations	7700-8965
22	Transportation and material moving occupations	9000-9750
23	Armed Forces	9840

Major Occupation Group Recodes
(01-11)

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

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management, business, and financial occupations	0010-0950
2	Professional and related occupations	1000-3540
3	Service occupations	3600-4650
4	Sales and related occupations	4700-4965
5	Office and administrative support occupations	5000-5940
6	Farming, fishing, and forestry occupations	6000-6130
7	Construction and extraction occupations	6200-6940
8	Installation, maintenance, and repair occupations	7000-7630
9	Production occupations	7700-8965
10	Transportation and material moving occupations	9000-9750
11	Armed Forces	9840

ATTACHMENT 11

Specific Metropolitan Identifiers

(Geographic Attachment for CPS Public Use File Documentation Beginning August, 2015)

List 1. FIPS Metropolitan Area (CBSA) Codes

List 2. FIPS Consolidated Statistical Area (CSA) Codes

List 3. Individual Principal Cities

List 4: FIPS County Codes

Unless otherwise noted, all definitions for geographic areas on these lists reflect the February 28, 2013 OMB definitions.

LIST 1:   FIPS Metropolitan Area (CBSA) Codes

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

<u>FIPS Code</u>   <u>Metropolitan (CBSA) TITLE</u>

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 Cruces, TX-NM
	21340	El Paso, TX
	29740	Las Cruces, 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
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

FIPS County Code	County Name
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

FIPS County Code	County Name
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   County
Code   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	

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

County
Name   State

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

CURRENT POPULATION SURVEY
Selected Unweighted Tallies from the
CPS December 2019 Food Security Supplement
(Universe: HRINTSTA = 1)

Item	**Value**		**Counts**
HES1A	1	Yes	30641
	2	No	3408
	-1	Not in Universe	14979
	-2	Don't Know	90
	-3	Refused	141
	-9	No Response	0
HES8B	1	More	3656
	2	Less	10128
	3	Same	18376
	-1	Not in Universe	17022
	-2	Don't Know	68
	-3	Refused	9
	-9	No Response	0
HESP1	1	Yes	2554
	2	No	9751
	-1	Not in Universe	36779
	-2	Don't Know	59
	-3	Refused	116
	-9	No Response	0
HESP6	1	Yes	1837
	2	No	1661
	-1	Not in Universe	45563
	-2	Don't Know	28
	-3	Refused	22
	-9	No Response	148
HESP7	1	Yes	1556
	2	No	273
	-1	Not in Universe	47422
	-2	Don't Know	7
	-3	Refused	1
	-9	No Response	0

Item	Value		Counts
HESP8	1	Yes	550
	2	No	4573
	-1	Not in Universe	43963
	-2	Don't Know	23
	-3	Refused	34
	-9	No Response	116
HESS1	1	Enough of the kinds of food we want to eat	27885
	2	Enough but not always the kinds of food we want to eat	5231
	3	Sometimes not enough to eat	902
	4	Often not enough to eat	298
	-1	Not in universe	14925
	-2	Don't Know	15
	-3	Refused	3
	-9	No Response	0
HESS2	1	Often True	1087
	2	Sometimes True	3508
	3	Never True	9116
	-1	Not in Universe	35457
	-2	Don't Know	21
	-3	Refused	31
	-9	No Response	39
HESS3	1	Often True	795
	2	Sometimes True	2953
	3	Never True	9936
	-1	Not in Universe	35457
	-2	Don't Know	25
	-3	Refused	37
	-9	No Response	56
HESS4	1	Often True	1036
	2	Sometimes True	2917
	3	Never True	9711
	-1	Not in Universe	35457
	-2	Don't Know	32
	-3	Refused	43
	-9	No Response	63

Item	Value		Counts
HESH2	1	Yes	2102
	2	No	3742
	-1	Not in Universe	43376
	-2	Don't Know	9
	-3	Refused	11
	-9	No Response	19
HESHM2	1	Yes	1363
	2	No	728
	-1	Not in Universe	47157
	-2	Don't Know	7
	-3	Refused	3
	-9	No Response	1
HESH3	1	Yes	2191
	2	No	3646
	-1	Not in Universe	43376
	-2	Don't Know	9
	-3	Refused	13
	-9	No Response	24
HESH4	1	Yes	1158
	2	No	4669
	-1	Not in Universe	43376
	-2	Don't Know	6
	-3	Refused	19
	-9	No Response	31
HESHM4	1	Yes	727
	2	No	422
	-1	Not in Universe	48101
	-2	Don't Know	7
	-3	Refused	1
	-9	No Response	1
HESH5	1	Yes	726
	2	No	5063
	-1	Not in Universe	43376
	-2	Don't Know	40
	-3	Refused	21
	-9	No Response	33

Item	Value		Counts
HESHM5	1	Yes	469
	2	No	245
	-1	Not in Universe	48533
	-2	Don't Know	12
	-3	Refused	0
	-9	No Response	0
HESSH1	1	Yes	486
	2	No	2245
	-1	Not in Universe	46499
	-2	Don't Know	8
	-3	Refused	10
	-9	No Response	11
HESS5	1	Often True	210
	2	Sometimes True	826
	3	Never True	3386
	-1	Not in Universe	48223
	-2	Don't Know	5
	-3	Refused	25
	-9	No Response	65
HESH1	1	Often True	37
	2	Sometimes True	220
	3	Never True	4166
	-1	Not in Universe	44742
	-2	Don't Know	3
	-3	Refused	23
	-9	No Response	68
HESSH2	1	Yes	98
	2	No	1049
	-1	Not in Universe	48110
	-2	Don't Know	0
	-3	Refused	2
	-9	No Response	0

Item	Value		Counts
HESSH3	1	Yes	72
	2	No	1073
	-1	Not in Universe	48110
	-2	Don't Know	2
	-3	Refused	2
	-9	No Response	0
HESSH5	1	Yes	11
	2	No	1136
	-1	Not in Universe	48110
	-2	Don't Know	0
	-3	Refused	2
	-9	No Response	0
HESC1	1	Yes	278
	2	No	5426
	-1	Not in Universe	43347
	-2	Don't Know	6
	-3	Refused	24
	-9	No Response	178
HESC2	1	Yes	372
	2	No	5329
	-1	Not in Universe	43347
	-2	Don't Know	10
	-3	Refused	22
	-9	No Response	179
HESC3	1	Yes	1541
	2	No	12085
	-1	Not in Universe	35457
	-2	Don't Know	22
	-3	Refused	56
	-9	No Response	98
HESC4	1	Yes	181
	2	No	13441
	-1	Not in Universe	35457
	-2	Don't Know	20
	-3	Refused	57
	-9	No Response	103

Item	Value		Counts
HRSUPINT	1	Interview	343334
	2	Noninterview	14925
HRFS12M1	1	Food Secure – High or Marginal Food Security	30769
	2	Low Food Security	2130
	3	Very Low Food Security	1353
	-1	Not in Universe	30769
	-2	Don't Know	0
	-3	Refused	0
	-9	No Response	82
HRFS12MC	1	Children Food Secure – High or Marginal	8760
	2	Low Food Security among Children	566
	3	Very Low Food Security among Children	43
	-1	Not in Universe	39865
	-2	Don't Know	0
	-3	Refused	0
	-9	No Response	25
HRFS30D1	1	Food Secure – High or Marginal Food Security	32419
	2	Low Food Security	1070
	3	Very Low Food Security	763
	-1	Not in Universe	14925
	-2	Don't Know	0
	-3	Refused	0
	-9	No Response	82

ATTACHMENT 14

COUNTRIES AND AREAS OF THE WORLD

Current Population Survey

Starting May 2012

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

Code	Name	Code	Name
246	Uzbekistan	373	Venezuela
247	Vietnam	374	South America, not specified
248	Yemen	399	Americas, not specified
249	Asia, not specified	400	Algeria
300	Bermuda	407	Cameroon
301	Canada	408	Cape Verde
303	Mexico	412	Congo
310	Belize	414	Egypt
311	Costa Rica	416	Ethiopia
312	El Salvador	417	Eritrea
313	Guatemala	421	Ghana
314	Honduras	423	Guinea
315	Nicaragua	425	Ivory Coast
316	Panama	427	Kenya
321	Antigua and Barbuda	429	Liberia
323	Bahamas	430	Libya
324	Barbados	436	Morocco
327	Cuba	440	Nigeria
328	Dominica	444	Senegal
329	Dominican Republic	447	Sierra Leone
330	Grenada	448	Somalia
332	Haiti	449	South Africa
333	Jamaica	451	Sudan
338	St. Kitts--Nevis	453	Tanzania
339	St. Lucia	454	Togo
340	St. Vincent and the Grenadines	457	Uganda
341	Trinidad and Tobago	459	Zaire
343	West Indies, not specified	460	Zambia
360	Argentina	461	Zimbabwe
361	Bolivia	462	Africa, not specified
362	Brazil	501	Australia
363	Chile	508	Fiji
364	Columbia	511	Marshall Islands
365	Ecuador	512	Micronesia
368	Guyana	515	New Zealand
369	Paraguay	523	Tonga
370	Peru	527	Samoa
372	Uruguay	555	Elsewhere

ATTACHMENT 15

ALLOCATION FLAGS

Current Population Survey

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

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

ATTACHMENT 16
Source of the Data and Accuracy of the Estimates for the December 2019 Current Population Survey Microdata File on Food Security

SOURCE OF THE DATA
The data in this microdata file are from the December 2019 Current Population Survey (CPS). The U.S. Census Bureau conducts the CPS every month, although this file has only December data. The December survey uses two sets of questions, the basic CPS and a set of supplemental questions. The CPS, sponsored jointly by the Census Bureau and the U.S. Bureau of Labor Statistics, is the country's primary source of labor force statistics for the civilian noninstitutionalized population. The U.S. Department of Agriculture sponsors the supplemental questions for December.

Basic CPS. The monthly CPS collects primarily labor force data about the civilian noninstitutionalized population living in the United States. The institutionalized population, which is excluded from the universe, consists primarily of the population in correctional institutions and nursing homes (98 percent of the 4.0 million institutionalized people in Census 2010). Starting August 2017, college and university dormitories were also excluded from the universe because most of the residents had usual residences elsewhere. Interviewers ask questions concerning labor force participation of each member 15 years old and over in sample households. Typically, the week containing the nineteenth of the month is the interview week. In December, the week containing the twelfth of the month is the interview week. The week containing the fifth 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.

---

[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.

Approximately 70,000 housing units were selected from the sampling frame in December. Based on eligibility criteria, nine percent of these housing units were sent directly to computer-assisted telephone interviewing (CATI). The remaining units were assigned to interviewers for computer-assisted personal interviewing (CAPI).[3] Of all housing units in sample, about 60,000 were determined to be eligible for interview. Interviewers obtained interviews at about 49,000 of these units. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason.

December 2019 Supplement. In December 2019, in addition to the basic CPS questions, interviewers asked supplementary questions about

- How much households spent for food,
- Their use of federal and community food assistance programs, and
- Whether they were able to afford enough food.

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.

---

[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).

The net international migration component of the population controls includes:

- Net international migration of the foreign born;
- Net migration between the United States and Puerto Rico;
- Net migration of natives to and from the United States; and
- Net movement of the Armed Forces population to and from the United States.

Because the latest available information on these components lags behind the survey date, it is necessary to make short-term projections of these components to develop the estimate for the survey date.

ACCURACY OF THE ESTIMATES
A sample survey estimate has two types of error: sampling and nonsampling. The accuracy of an estimate depends on both types of error. The nature of the sampling error is known given the survey design; the full extent of the nonsampling error is unknown.

<u>Sampling Error</u>. 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.

<u>Nonsampling Error</u>. 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 December 2019 basic CPS, the household-level unweighted nonresponse rate was 17.7 percent. The household-level unweighted nonresponse rate for the Food Security supplement was an additional 27.1 percent. These two nonresponse rates lead to a combined supplement unweighted nonresponse rate of 40.0 percent.[5]

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 Food Security supplement, the unweighted item refusal rates range from 0.0 percent to 1.5 percent. The unweighted item nonresponse rates range from 0.1 percent to 10.1 percent.

Undercoverage. The concept of coverage with a survey sampling process is defined as the extent to which the total population that could be selected for sample "covers" the survey's target population. Missed housing units and missed people within sample households create undercoverage in the CPS. Overall CPS undercoverage for December 2019 is estimated to be about ten percent. CPS coverage varies with age, sex, and race. Generally, coverage is higher for females than for males and higher for non-Blacks than for Blacks. This differential coverage is a general problem for most household-based surveys.

The CPS weighting procedure mitigates bias from undercoverage, but biases may still be present when people who are missed by the survey differ from those interviewed in ways other than age, race, sex, Hispanic origin, and state of residence. How this weighting procedure affects other variables in the survey is not precisely known. All of these considerations affect comparisons across different surveys or data sources.

---

[5]   Because the Food Security supplement is at the household level, the overall/combined Food Security response rate is a product of the basic CPS response rate and the Food Security supplement response rate.

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 December 2019 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: December 2019

Age group	All people	Total		White only		Black only		Residual race[A]		Hispanic[B]	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-15	0.85	0.84	0.85	0.90	0.89	0.70	0.72	0.70	0.79	0.79	0.79
16-19	0.87	0.90	0.83	0.96	0.87	0.71	0.69	0.79	0.80	0.92	0.84
20-24	0.74	0.77	0.72	0.79	0.76	0.65	0.60	0.74	0.66	0.75	0.76
25-34	0.80	0.78	0.82	0.84	0.87	0.58	0.66	0.66	0.74	0.71	0.82
35-44	0.91	0.89	0.92	0.93	0.97	0.71	0.78	0.84	0.82	0.82	0.91
45-54	0.90	0.89	0.92	0.91	0.95	0.77	0.82	0.83	0.84	0.76	0.89
55-64	0.95	0.94	0.96	0.96	0.97	0.84	0.88	0.89	0.95	0.88	0.88
65+	1.00	1.00	1.00	1.03	1.02	0.90	0.96	0.86	0.83	0.88	0.91
15+	0.90	0.89	0.91	0.93	0.94	0.74	0.79	0.79	0.81	0.80	0.86
0+	0.89	0.88	0.90	0.92	0.93	0.72	0.77	0.77	0.80	0.80	0.84

Source: U.S. Census Bureau, Current Population Survey, December 2019.
[A]   The Residual race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.
[B]   Hispanics may be any race.
Note: For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

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

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

Microdata files from previous years reflect the latest available census-based controls. Although the most recent change in population controls had relatively little impact on summary measures such as averages, medians, and percentage distributions, it did have a significant impact on levels. For example, use of 2010 Census-based controls results in

about a 0.2 percent increase from the 2000 Census-based controls in the civilian noninstitutionalized population and in the number of families and households. Thus, estimates of levels for data collected in 2012 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain population subgroups than for the total population.

Users should also exercise caution because of changes caused by the phase-in of the 2010 Census files (see "Basic CPS").[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 published estimates: (1) the temporary disruption of the rotation pattern from August 2014 through June 2015 for a comparatively small portion of the sample and (2) the change in sample areas. Most of the known effect on estimates during and after the sample redesign will be the result of changing from 2000 to 2010 geographic definitions. Research has shown that the national-level estimates of the metropolitan and nonmetropolitan populations should not change appreciably because of the new sample design. However, users should still exercise caution when comparing metropolitan and nonmetropolitan estimates across years with a design change, especially at the state level.

Caution should also be used when comparing Hispanic estimates over time. No independent population control totals for people of Hispanic origin were used before 1985.

A Nonsampling Error Warning. Since the full extent of the nonsampling error is unknown, one should be particularly careful when interpreting results based on small differences between estimates. The Census Bureau recommends that data users incorporate information about nonsampling errors into their analyses, as nonsampling error could impact the conclusions drawn from the results. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures (such as medians and percentage distributions) probably do not reveal useful information when computed on a subpopulation smaller than 75,000.

For additional information on nonsampling error, including the possible impact on CPS data, when known, refer to U.S. Census Bureau (2019) and Brooks & Bailar (1978).

Standard Errors and Their Use. A sample estimate and its standard error enable one to construct a confidence interval. A confidence interval is a range about a given estimate that has a specified probability of containing the average result of all possible samples. For example, if all possible samples were surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the average result of all possible samples.

---

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

A particular confidence interval may or may not contain the average estimate derived from all possible samples, but one can say with the specified confidence that the interval includes the average estimate calculated from all possible samples.

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this would be comparing the percentage of men who were part-time workers to the percentage of women who were part-time workers.

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

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

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

There are two ways to calculate standard errors for the CPS microdata file on Food Security.

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

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

Generalized Variance Parameters. While it is possible to estimate the standard error based on the survey data for each estimate in a report, there are a number of reasons why this is not done. A presentation of the individual standard errors would be of limited use, since one could not possibly predict all of the combinations of results that may be of interest to data users. Additionally, data users have access to CPS microdata files, and it is impossible to compute in advance the standard error for every estimate one might obtain

from those data sets. Moreover, variance estimates are based on sample data and have variances of their own. Therefore, some methods of stabilizing these estimates of variance, for example, by generalizing or averaging over time, may be used to improve their reliability.

Experience has shown that certain groups of estimates have similar relationships between their variances and expected values. Modeling or generalizing may provide more stable variance estimates by taking advantage of these similarities. The GVF is a simple model that expresses the variance as a function of the expected value of the survey estimate. The parameters of the GVF are estimated using direct replicate variances. These GVF parameters provide a relatively easy method to obtain approximate standard errors for numerous characteristics.

In this source and accuracy statement:

- Tables 3 through 6 provide illustrations for calculating standard errors;
- Table 7 provides the GVF parameters for labor force estimates;
- Table 8 provides GVF parameters for characteristics from the December 2019 supplement; and
- Tables 9, 10, and 11 provide factors and population controls to derive 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 Food Security supplement data, the GVF parameters will come from the Food Security 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:

$$s_x = \sqrt{ax^2 + bx} \qquad\qquad (1)$$

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 2,471,000 unemployed females (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 females in the civilian labor force (x)	2,471,000
a-parameter (a)	-0.000028
b-parameter (b)	2,788
Standard error	82,000
90-percent confidence interval	2,336,000 to 2,606,000

Source: U.S. Census Bureau, Current Population Survey, Food Security, December 2019.

The standard error is calculated as

$$s_x = \sqrt{-0.000028 \times 2{,}471{,}000^2 + 2{,}788 \times 2{,}471{,}000},$$

which, rounded to the nearest thousand, is 82,000. The 90-percent confidence interval is calculated as 2,471,000 ± 1.645 × 82,000.

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 December 2019, of the 37,614,000 households in the United States that had children between 0 and 17 years of age, 86.4 percent were classified as food secure. 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 households with children that were food secure (p)	86.4
Base (y)	37,614,000
b-parameter (b)	5,513
Standard error	0.41
90-percent confidence interval	85.7 to 87.1

Source: U.S. Census Bureau, Current Population Survey, Food Security, December 2019.

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{5,513}{37,614,000} \times 86.4 \times (100.0 - 86.4)} = 0.41$$

and the 90-percent confidence interval for the estimated percentage is from 85.7 to 87.1 percent (i.e., 86.4 ± 1.645 × 0.41).

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
In December 2019, of the 37,614,000 households in the United States that had children between 0 and 17 years of age, 32,480,000 or 86.4 percent were classified as being food secure. Of the 92,007,000 households in the United States that did not have children between 0 and 17 years of age, 83,479,000 or 90.7 percent were classified as being food secure. 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

	Children (x_1)	No Children (x_2)	Difference
Percentage of food secure (p)	86.4	90.7	4.3
Base (y)	37,614,000	92,007,000	-
b-parameter (b)	5,513	5,513	-
Standard error	0.41	0.22	0.47
90-percent confidence interval	85.7 to 87.1	90.3 to 91.1	3.5 to 5.1

Source: U.S. Census Bureau, Current Population Survey, Food Security, December 2019.

The standard error of the difference is calculated as

$$s_{x_1-x_2} = \sqrt{0.41^2 + 0.22^2} = 0.47$$

and the 90-percent confidence interval around the difference is calculated as 4.3 ± 1.645 × 0.47. Since this interval does not include zero, we can conclude with 90-percent confidence that the percentage of households with children who could consistently afford enough food was smaller than the percentage of households without children who could consistently afford enough food.

Accuracy of State Estimates. The redesign of the CPS following the 1980 census provided an opportunity to increase efficiency and accuracy of state data. All strata are now defined within state boundaries. The sample is allocated among the states to produce state and national estimates with the required accuracy while keeping total sample size to a minimum. Improved accuracy of state data was achieved with about the same sample size as in the 1970 design.

Since the CPS is designed to produce both state and national estimates, the proportion of the total population sampled and the sampling rates differ among the states. In general, the smaller the population of the state, the larger the sampling proportion. For example, in Vermont, approximately 1 in every 250 households is selected each month. In New York, the sample is about 1 in every 2,000 households. Nevertheless, the size of the sample in New York is four times larger than in Vermont because New York has a larger population.

Standard Errors of State Estimates. The standard error for a state may be obtained by determining new state-level a- and b-parameters and then using these adjusted parameters in the standard error formulas mentioned previously. To determine a new state-level b-parameter (b_{state}), multiply the b-parameter from Table 7 or 8 by the state factor from Table 9. To determine a new state-level a-parameter (a_{state}), use the following:

(1)   If the a-parameter from Table 7 or 8 is positive, multiply it by the state factor from Table 9.

(2)   If the a-parameter in Table 7 or 8 is negative, calculate the new state-level a-parameter as follows:

$$a_{state} = \frac{-b_{state}}{POP_{state}} \tag{4}$$

where POP_{state} is the state population found in Table 9.

Illustration 4
Suppose you want to calculate the standard error for the percentage of Hispanic households living in the state of Florida who are food insecure. Further, suppose about 251,000 (12.3 percent) Hispanic households are food insecure when there were about 2,048,000 Hispanic households in Florida. Following the method mentioned above, obtain the needed state parameter by multiplying the parameter in Table 8 by the state factor in Table 9 for the state of interest. In this example, the parameter for food-insecure Hispanic households is calculated as b_{state} = 5,794 x 1.12 = 6,489.

Table 6 shows how to use formula (2) with the b_{state}-parameter, 6,489, to estimate the standard error and confidence interval.

Table 6. Illustration of Standard Errors of State Estimates

Percentage of food-insecure Hispanic households in Florida (p)	12.3
Base (x)	2,048,000
State factor	1.12
State b-parameter (b_{state})	5,794 x 1.12 = 6,489
Standard error	1.85
90-percent confidence interval	9.3 to 15.3

Source: Internal U.S. Census Bureau, Current Population Survey, Food Security, December 2019.

Standard Errors of Divisional or Regional Estimates. To compute standard errors for divisional or regional estimates, follow the steps for computing standard errors for state estimates found in "Standard Errors for State Estimates" using the divisional factor and populations found in Table 10 or the regional factors and populations found in Table 11.

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: December 2019

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

Source: U.S. Census Bureau, Internal Current Population Survey data files for the 2010 Design.
Notes: These parameters are to be applied to basic CPS monthly labor force estimates. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Hispanic, and Asian, AIAN, NHOPI parameters. For the groups self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all employment characteristics.

Table 8. Parameters for Computation of Standard Errors for Food Security Characteristics: December 2019

HOUSEHOLDS										
Characteristics	Total		White		Black		Asian, AIAN, NHOPI		Hispanic	
	a	b	a	b	a	b	a	b	a	b
Characteristics of Total Population, Including Food Security Status										
Households, Families, and Unrelated Individuals	-0.0000497	5,513	-0.0000405	4,576	-0.0001860	6,248	-0.0002755	5,634	-0.0001566	5,639
Characteristics of the Food Secure Population										
Households, Families, and Unrelated Individuals	-0.0000497	5,513	-0.0000405	4,576	-0.0001860	6,248	-0.0002755	5,634	-0.0001566	5,639
Characteristics of the Food Insecure Population										
Households, Families, and Unrelated Individuals	-0.0000497	5,513	0.0000371	4,787	-0.0001860	6,248	-0.0002755	5,634	0.0001649	5,794
PERSON LEVEL										
Characteristics	Total or White			Black		Asian, AIAN, NHOPI		Hispanic		
	a	b		a	b	a	b	a	b	
Characteristics of Total Population, Including Food Security Status										
All	-0.0000150	4,873		-0.0000863	6,658	-0.0001767	6,029	-0.0000985	5,994	
Adults	-0.0000174	4,523		-0.0001038	6,111	-0.0002323	5,957	-0.0001375	6,049	
Children	-0.0000759	6,184		-0.0003903	8,876	-0.0006008	6,299	-0.0003018	6,296	
Characteristics of the Food Secure Population										
All	-0.0000150	4,873		-0.0000863	6,658	-0.0001767	6,029	-0.0000985	5,994	
Adults	-0.0000174	4,523		-0.0001038	6,111	-0.0002323	5,957	-0.0001375	6,049	
Children	-0.0000759	6,184		-0.0003903	8,876	-0.0007372	7,730	-0.0003018	6,296	
Characteristics of the Food Insecure Population										
All	-0.0000150	4,873		-0.0000910	7,271	-0.0001704	5,813	-0.0001021	6,212	
Adults	-0.0001851	4,815		-0.0000859	6,630	-0.0002323	5,957	-0.0001433	6,301	
Children	-0.0000610	4,970		-0.0003903	8,876	-0.0003530	3,701	-0.0002640	5,507	

Source: U.S. Census Bureau, Current Population Survey, Internal data from the Food Security Supplement, December 2019.

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

[B]   Hispanics may be any race.

Notes: These parameters are to be applied to the Food Security 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. Factors and Populations for State Parameters: December 2019

State	Factor	Population	State	Factor	Population
Alabama	1.13	4,828,069	Montana	0.22	1,060,101
Alaska	0.18	708,787	Nebraska	0.51	1,916,755
Arizona	1.16	7,236,056	Nevada	0.72	3,087,127
Arkansas	0.73	2,975,447	New Hampshire	0.35	1,349,223
California	1.16	39,262,386	New Jersey	1.15	8,832,936
Colorado	1.17	5,716,497	New Mexico	0.44	2,062,223
Connecticut	0.88	3,520,063	New York	1.19	19,234,686
Delaware	0.23	966,851	North Carolina	1.18	10,341,713
District of Columbia	0.18	701,082	North Dakota	0.18	750,712
Florida	1.12	21,431,802	Ohio	1.15	11,556,205
Georgia	1.16	10,462,652	Oklahoma	1.07	3,877,235
Hawaii	0.33	1,360,508	Oregon	1.06	4,214,776
Idaho	0.40	1,784,778	Pennsylvania	1.16	12,623,198
Illinois	1.16	12,493,023	Rhode Island	0.28	1,042,479
Indiana	1.14	6,637,872	South Carolina	1.12	5,078,289
Iowa	0.78	3,130,754	South Dakota	0.23	876,993
Kansas	0.81	2,850,214	Tennessee	1.14	6,752,046
Kentucky	1.16	4,406,053	Texas	1.17	28,764,698
Louisiana	1.06	4,542,247	Utah	0.51	3,217,716
Maine	0.42	1,328,328	Vermont	0.20	622,060
Maryland	1.19	5,969,343	Virginia	1.19	8,378,297
Massachusetts	1.13	6,880,925	Washington	1.17	7,583,790
Michigan	1.15	9,921,928	West Virginia	0.50	1,761,580
Minnesota	1.16	5,615,796	Wisconsin	1.16	5,772,995
Mississippi	0.71	2,913,407	Wyoming	0.16	566,225
Missouri	1.18	6,041,960			

Source: U.S. Census Bureau, Population Estimates Program, December 2019.
Notes: These factors are for use with state-level child support 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 Blacks, Asians, American Indian and Alaska Natives, Native Hawaiian and Other Pacific Islanders, and Hispanics.

Table 10. Factors and Populations for Census Division Parameters: December 2019

Division	Factor	Population
New England	0.83	14,743,078
Middle Atlantic	1.17	40,690,820
East North Central	1.15	46,382,023
West North Central	0.93	21,183,184
South Atlantic	1.11	65,091,609
East South Central	1.08	18,899,575
West South Central	1.11	40,159,627
Mountain	0.84	24,730,723
Pacific	1.12	53,130,247

Source: U.S. Census Bureau, Population Estimates Program, December 2019.
Notes: These factors are for use with census division-level child support 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 Blacks, Asians, American Indian and Alaska Natives, Native Hawaiian and Other Pacific Islanders, and Hispanics.

Table 11. Factors and Populations for Census Region Parameters: December 2019

Region	Factor	Population
Northeast	1.08	67,565,207
Midwest	1.09	55,433,898
South	1.11	124,150,811
West	1.03	77,860,970
All Except South	1.06	200,860,075

Source: U.S. Census Bureau, Population Estimates Program, December 2019.
Notes: These factors are for use with census region-level child support 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 Blacks, Asians, American Indian and Alaska Natives, Native Hawaiian and Other Pacific Islanders, and Hispanics.

REFERENCES

Brooks, C.A., & Bailar, B.A. 1978. *Statistical Policy Working Paper 3 - An Error Profile: Employment as Measured by the Current Population Survey.* Subcommittee on Nonsampling Errors, Federal Committee on Statistical Methodology, U.S. Department of Commerce, Washington, DC. https://s3.amazonaws.com/sitesusa/wp-content/uploads/sites/242/2014/04/spwp3.pdf

Bureau of Labor Statistics, February 2006, "Household Data ("A" tables, monthly; "D" tables, quarterly)." https://www.bls.gov/cps/eetech_methods.pdf

Bureau of Labor Statistics, April 2014, "Redesign of the Sample for the Current Population Survey." http://www.bls.gov/cps/sample_redesign_2014.pdf

U.S. Census Bureau. October 2019. *Current Population Survey: Design and Methodology.* Technical Paper 77. Washington, DC: Government Printing Office. https://www2.census.gov/programs-surveys/cps/methodology/CPS-Tech-Paper-77.pdf

U.S. Census Bureau. July 15, 2009. "Estimating ASEC Variances with Replicate Weights Part I: Instructions for Using the ASEC Public Use Replicate Weight File to Create ASEC Variance Estimates." http://usa.ipums.org/usa/resources/repwt/Use_of_the_Public_Use_Replicate_Weight_File_final_PR.doc

All online references accessed July 23, 2020.

ATTACHMENT 17

USER NOTES

CURRENT POPULATION SURVEY

DECEMBER 2019: FOOD SECURITY SUPPLEMENT

User Notes

Overview
This document provides technical information on the Current Population Survey Food Security Supplement (CPS-FSS) conducted by the U.S. Census Bureau for the U.S. Department of Agriculture in December 2019. The CPS-FSS data and documentation are available from the U.S. Census Bureau in ASCII format on the Census Bureau FTP site (https://www.census.gov/data/datasets/time-series/demo/cps/cps-supp_cps-repwgt/cps-food-security.html). (Downloaded data are in ASCII format.) The US Census Bureau also provides the Microdata Access Tool (MDAT) for users to makes custom tables of the data without downloading the file.   (https://data.census.gov/mdat/#/)

The *Food Security in the United States* topic page on the Economic Research Service website (https://www.ers.usda.gov/topics/food-nutrition-assistance/food-security-in-the-us.aspx) provides additional documentation, a copy of the questionnaire, and information on the concepts and history of the food security measurement project. Users can also download CPS-FSS data files, codebooks, and input statements for SAS, Stata, and SPSS from the National Bureau of Economic Research (NBER) website (note that these resources are provided by NBER and not reviewed or approved by ERS or Census Bureau).

Technical Description: CPS Food Security Supplement December 2019 Public-Use Microdata File
The public-use microdata file on the Census Bureau FTP site is in ASCII format and consists of 138,964 logical records. Each record represents one person in a surveyed household (or one address that was selected for the core labor force survey but it was either vacant, not a residence, could not be contacted, or refused to participate). There were 21,032 noninterview households in the FTP file. For Basic CPS, there were 49,259 interviewed households with 117,932 person records. The Food Security Supplement was completed for 34,334 interviewed households with 81,822 person records.

A subset of variables on each record contains data about the household of which the person is a part. These variables have the same value for all persons in the same household.

Contents of the Data Files
The file includes data in four general categories:

(1) Monthly labor force survey data and recodes, collected by the Census Bureau for the Bureau of Labor Statistics. Included are geographic, demographic, income, and employment data that may be of interest to those analyzing the Food Security Supplement data. These variables are described briefly in the data dictionary. More detailed information on concepts and definitions underlying these data is available in the technical documentation for the base CPS monthly data.

(2) Food Security Supplement data, collected by the Census Bureau for the U.S. Department of Agriculture. These data consist of answers by household respondents to questions about household food expenditures, use of food assistance programs, and experiences and behaviors related to food security. All of the Food Security Supplement data are household-level data.

(3) Food security status and scale variables calculated from the Food Security Supplement data by the Economic Research Service of the U. S. Department of Agriculture. These household-level variables (HRFS12CX-HRFS30DE) are described in detail later in this document.

(4) Weighting variables calculated by the Census Bureau as the number of persons or households represented by each person or household in the sample. Separate weights are calculated for the Food Security Supplement and for the core CPS. Selection of appropriate weights for statistical estimation is described later in this document.

Contents of the Food Security Supplement Questionnaire
A copy of the Food Security Supplement questionnaire is available on the ERS website and on the Census Bureau FTP site. Variable names in the data dictionary generally consist of the prefix HE (household variable, edited) followed by the question number from the questionnaire. The major sections are as follows:

(1) Food Spending (HES1A-HES8).

(2) Minimum Food Spending Needed (HES8B-HES8D).

(3) Food Assistance Program Participation (HES9-HESP9).

(4) Food Sufficiency and Food Security (HESS1-HESSHM5). This section includes the 18 food security questions that are used to calculate the 12-month Food Security Scales as well as follow-up questions that are used to calculate the 30-day food security scales.

(5) Ways of Avoiding or Ameliorating Food Deprivation – Coping Strategies (HESC1-HESCM4).

Changes from Previous Years' Food Security Supplements
Data users should carefully review variable locations for the Food Security Supplement as they may change from year to year.

The December 2019 food security supplement questionnaire content was unchanged from the December 2018 survey except for the date. However, beginning in 2015 and continuing in 2019 there were changes from previous years in how the Census Bureau processes some variables. The Census Bureau is no longer releasing continuous variables on public-use data files. Continuous variables are now categorized to reduce the risk of disclosure related to a small number of households reporting a single value. In 2019, one variable did not meet Census guidelines for disclosure and is not released in the public-use data.

This change in processing has affected CPS-FSS variables on food spending and SNAP benefit amount since 2015 (see Table 1). ERS analysis of the food spending variables suggests that the recoding has little effect on the calculation of median food spending. However, data on food spending and SNAP benefit amount are not precisely comparable with corresponding data from previous years, and users should be cautious with the use of these variables. Users should refer to the codebook for recoded values.

Table 1. U.S. Census Bureau Categorization Guidelines for Continuous Food Spending and SNAP Variables in the CPS-FSS

Original Variable Value[1]	Categorization Value
0	0
1-7	4
8-999	Round to nearest 10
1,000-49,999	Round to nearest 100

[1]All variables are topcoded at specified values as indicated in the codebook. Topcode values may change from year to year.

Beginning with the 2019 Current Population Survey Food Security Supplement data, all continuous variables for the number of days out of the previous 30 days that food-insecure conditions occurred are only released after being categorized into ranges of number of days (see Tables 2, 3, 4, and 5 for the specific variables and their recoded values). All these recoded variables include at least a category for 1 or 2 days so that the 30-day food security prevalence rate can be calculated the same way as in previous years using 3 or more days as affirmative.

One variable, HESSHM5: "In the last 30 days, did children ever not eat for a whole day because there wasn't enough money for food?" did not meet Census guidelines for disclosure. In 2019, variable HESSHM5 is not released in the public-use datafile. That question was not used in assessing 30-day food security status, but it is unlikely to impact the estimates since it is the most severe item in the scale. Only 11 households in the survey reported experiencing this condition among children any time in the last 12 months. This exclusion affects the range of the variables for raw score and Rasch-model-based scale score for the 30-day

household and children's food security scale variables (see further discussion regarding these variables under "*Food Security Status and Scale Variables*" below).

Table 2. U.S. Census Bureau Categorization Guidelines for Variable HETSSHMF1 in the CPS-FSS

Original Variable Value	Categorization Value
1 to 2	2
3 to 7	7
8 to 14	14
15 to 21	21
22 to 30	30

Table 3. U.S. Census Bureau Categorization Guidelines for Variables HETSSHMF2 and HETSSHMF3 in the CPS-FSS

Original Variable Value	Categorization Value
1 to 2	2
3 to 7	7
8 to 14	14
15 to 30	30

Table 4. U.S. Census Bureau Categorization Guidelines for Variables HETSHMF2, HETSHMF3, and HETSHMF4 in the CPS-FSS

Original Variable Value	Categorization Value
1 to 5[1]	No change
6 to 7	7
8 to 14	14
15 to 21	21
22 to 30	30

[1]Values 1 through 5 are not categorized. Original value maintained.

Table 5. U.S. Census Bureau Categorization Guidelines for Variable HETSSHMF4 in the CPS-FSS

Original Variable Value	Categorization Value[1]
1 to 2	2
3 to 6	3
7 to 30	7

Researchers who wish to use continuous variables in their analysis, instead of these categorized variables will need to apply for access to the confidential CPS-FSS data through the U.S. Census Bureau.

A Spanish-language version of the Food Security Supplement was implemented in the survey instrument beginning in 2014 and continuing in 2019. The variable "HUSSPCK1" indicates whether the Spanish-language questionnaire was used for the interview. The Spanish language questionnaire is available on the ERS website.[1]

Revised metropolitan statistical areas (MSAs) and principal cities within them were delineated by the Office of Management and Budget in 2013, based on revised standards developed by the U.S. Census Bureau in collaboration with other Federal agencies. The revised delineations were implemented beginning with the 2014 Food Security Supplement as part of the monthly labor force interview and recodes. Food security statistics by area of residence for 2019 are comparable with those from 2014 and later, but are not precisely comparable with corresponding statistics from earlier years.

Screening of the Food Security Supplement
The Food Security Supplement includes several screens to reduce respondent burden and to avoid asking questions that may seem inappropriate to respondents given other information they have provided in the survey. The screener variables use information from the monthly labor force core data as well as from the Food Security Supplement. Households with incomes above 185 percent of the poverty threshold (HRPOOR=2, approximated from HUFAMINC and HRNUMHOU) that responded "no" to HES9 were not asked the questions on participation in food assistance programs. Households with income above 185 percent of poverty that registered no indication of food stress on HES9 or HESS1 were not asked the rest of the questions in the "Food Sufficiency and Food Security" section or those in the "Ways of Avoiding or Ameliorating Food Deprivation" section. Households that were screened out at the initial screen are assumed to be highly food secure (raw score imputed as zero). However, if they were screened out at the initial screen without having given a valid response to either screening question, then the food security scale and status variables are coded as "No Response" (-9).

There were also two "internal" screeners in the adult section and one in the child section in the main food security section (the questions that are used to calculate the Household Food Security Scale). These series of questions are divided into blocks. Households that registered no indication of food stress in the preceding block are skipped over the remaining blocks and responses to questions in the skipped blocks are assumed to be negative. However, if they were screened out without having given a valid response to any of the questions in the scale, then the food security scale and status variables are coded as "No Response" (-9).

The screening rules that determine whether a household was asked the questions in the food security scale varied somewhat during the first four years of fielding the Food Security Supplement (1995-98). These different screening procedures affected the estimated prevalence of food security differently in each year. From 1998-2019, screening procedures have remained essentially unchanged and prevalence rates are directly comparable. The variable HRFS12CX indicates screening status under the "common screen" that allows comparisons of food security prevalence rates across all years since data were first collected in 1995. To compare 2019 prevalence rates to those for 1995, 1996, or 1997, users will need to edit the food security status variable of interest to "high food security" (raw score=0) for households that would have been screened out under the common screen (HRFS12CX=1). Comparison can then be made to variables in the common screen series in data from any earlier year.

Screeners also were applied based on whether the household included any children, so that households without children were not asked questions that refer specifically to children. For this purpose, persons 17 or younger are classified as children except those who are household reference persons or spouses or partners of household reference persons (PERRP=1, 2, 3, 13 or 14). Children's Food Security Scale variables are coded as "Not in Universe" (-1) if there were no children in the household.

Food Security Status and Scale Variables
The main purpose of the Food Security Supplement is to provide information about the food security of the nation's households. Six series of variables are provided for this purpose. The first three series indicate the food security of households, children in households, and adults in households during the 12 months prior to the survey. The remaining three series indicate the food security of households, children in households, and adults in households during the 30 days prior to the survey. Each series includes one (or two in some series) categorical food security status variables, a raw score variable, and a scale score variable.

The food security status variables are as follows:
- *Household Food Security Scale, 12-Month Reference Period*
  - HRFS12M1 is a categorical variable that classifies households in three categories: food secure, low food security, and very low food security. ***This is the variable used for most food security statistics in USDA's annual food security report series.*** Users may combine the latter two categories as food insecure.

6

- HRFS12MD is the same as HRFS12M1 except that the food-secure category is subdivided to differentiate households that reported no food-insecure conditions (high food security) from those that reported one or two food-insecure conditions (marginal food security).
- HRFS12M3 is the raw score—a count of the number of questions in the 12-month Household Food Security Scale that were affirmed by the household respondent
- HRFS12M4 is the scale score, a continuous score based on fitting the data to a single-parameter Rasch model using item calibrations calculated from the 1998 data. Computed values range from about 1 to 14. Scale scores for households that affirmed no items cannot be calculated within the Rasch model. These households are food secure, but the degree of their food security is not known and may vary widely from household to household. They are assigned scale scores of -6 to remind users that they require special handling in analyses that assume linearity of the scale scores.

- ***Children's Food Security Scale, 12-Month Reference Period.*** A set of food security variables indicating the food security of children in the household is calculated from responses to the eight questions in the scale that ask specifically about food conditions among the children.
  - HRFS12MC is a categorical variable that classifies households in three categories based on the food security of children in the household: food secure, low food security, and very low food security. ***This is the variable used for statistics on very low food security among children in USDA's annual food security report series.*** Note that the coding of this variable differs from that of HRFS12M5 in 2004 and earlier years. HRFS12MC differentiates households with low food security among children (raw score 2, 3, and 4) from households in which children were food secure (raw score 0 and 1). The category very low food security among children in the 2005 and later years (HRFS12MC=3) is exactly equivalent to the category food insecure with hunger among children (HRFS12M5=2) in 2004 and earlier years.
  - HRFS12M6 is the raw score on the 12-month child-referenced items.
  - HRFS12M7 is the Rasch-model-based scale score on the Children's Food Security Scale.

- ***Adult Food Security Scale, 12-Month Reference Period.*** A set of food security status variables indicating the level of food security among adults in the household is calculated from responses to the 10 questions in the scale that ask specifically about food conditions among adults in the household, and of the household in general. This variable provides a more nearly comparable measure of food security between households with and without children, or among households with children in different age ranges than does the Household Food Security Scale (the HRFS12M1—M4 series).
  - HRFS12M8 is a categorical variable based on the scale score (HRFS12ME) that classifies households in four categories of food security among adults: high, marginal, low, and very low. Users may combine the first two categories as indicating food security among adults and the latter two as indicating food insecurity among adults.

7

- HRFS12M9 is the raw score on the 12-month adult- and household-referenced items.
- HRFS12ME is the Rasch-model-based scale score on the Adult Food Security Scale.

- ***Household Food Security Scale, 30-Day Reference Period.*** HRFS30D1, -D2, -D3 and -D4 correspond to HRFS12M1, -MD, -M3, and -M4, except that they are based on food security conditions during the 30-day period prior to the food security survey rather than the 12-month period. Note that these variables are not comparable with the 30-day food security variables in 2004 and earlier years' data (HRFS30M1, M2, and M3). The earlier years' measures were based on only a subset of the items in the scale in 2005 and later years. In 2019, variable HESSHM5: "In the last 30 days, did children ever not eat for a whole day because there wasn't enough money for food?" did not meet Census guidelines for disclosure. In 2019, variable HESSHM5 is not released in the public-use datafile and was not used in assessing 30-day household food security status. Due to the exclusion of this variable in 2019, HRFS30D3 has a range of 1-17 and HRFS30D4 has a range of 1.43-12.16.

- ***Children's Food Security Scale, 30-Day Reference Period.*** HRFS30D5, -D6, and -D7 correspond to HRFS12MC, -M6, and -M7, except that they are based on food security conditions among children during the 30-day period prior to the food security survey rather than the 12-month period. In 2019, variable HESSHM5: "In the last 30 days, did children ever not eat for a whole day because there wasn't enough money for food?" did not meet Census guidelines for disclosure. In 2019, variable HESSHM5 is not released in the public-use datafile and was not used in assessing 30-day children's food security status. Due to the exclusion of this variable in 2019, HRFS30D6 has a range of 1-7 and HRFS30D7 has a range of 4.11-11.50.

- ***Adult Food Security Scale, 30-Day Reference Period.*** HRFS30D8, -D9, and -DE correspond to HRFS12M8, -M9, and -ME, except that they are based on food security conditions among adults during the 30-day period prior to the food security survey rather than the 12-month period.

Constructing Household Characteristics from Person Records
To compute some household characteristics such as household size, presence of children, or presence of elderly members, it is necessary to identify the records of all persons in the same household. Households within the December CPS-FSS are uniquely and completely identified by two household identifiers in combination, HRHHID and HRHHID2. (State of residence is no longer required to uniquely identify households.) Characteristics of the household reference person can be assigned from the person record with PERRP 1 or 2, which will always be the record with the lowest-numbered PERRP in the household. To match to other months' CPS files, add the HRMIS variable to the household identification, adjusting one of the files for the difference in survey month.

Weights: Estimating Population Distributions of Person and Household Characteristics
The CPS is a complex probability sample, and interviewed households as well as persons in those households are assigned weights so that the full interviewed sample represents the total national non-institutionalized civilian population. Initial weights are assigned based on probability of selection into the sample, and weights are then adjusted iteratively to match population controls for selected demographic characteristics at State and national levels. There are two sets of household and person weights in this data file: (1) labor force survey weights, and (2) Food Security Supplement weights.

The labor force survey weights, HWHHWGT for households and PWSSWGT for persons, are positive for persons in all interviewed households (except that person weights for persons in the armed forces are zero or missing). These weights would be appropriate for analyzing whether households or persons who completed the Supplement differed from those who declined to complete the Supplement.

In 2019, about 30 percent of the households that completed the core labor force survey declined to complete the Food Security Supplement.[2] The Supplement weights, HHSUPWGT for households and PWSUPWGT for persons, are adjusted for Supplement nonresponse so that the Supplement respondents represent the national civilian non-institutionalized population. These weights are appropriate for estimating household distributions, food security status, food expenditures, use of food and nutrition assistance programs, and any other variables in the Food Security Supplement.

Household weights are attached to all person records in the household. To estimate household frequency distributions, the sample must be limited to one record for each household. This is usually accomplished by limiting the sample to records of household reference persons (PERRP=1 or 2). Noninterview or nonsupplement households must be excluded from these analyses based on HRINTSTA or HRSUPINT.

All weight variables have four implied decimal places in the data file (the decimal point is not included). Divide the weight variables by 10,000 for analysis in units or by 10,000,000 for analysis in thousands of persons or thousands of households.

Variance Estimation; Sampling Error; Replicate Weights
Calculations of the sampling error of prevalence rates and other statistics estimated from CPS-FSS data must take into account the complex character of the sample, which is stratified,

---

[2] At ERS' request, Census conducted a nonresponse bias analysis of the FSS. While the analysis found that the distributions of respondents and nonrespondents differ on some demographic characteristics, those distributional differences do not necessarily indicate a nonresponse bias problem, see:
Farnham, KeTrena. 2017. Evaluating Nonresponse Bias in the 2015 Food Security Supplement to the Current Population Survey. Memorandum for U.S. Department of Agriculture, Economic Research Service, Food Assistance Branch, from U.S. Census Bureau Demographic Statistical Methods Division.

clustered, and reweighted to control to known population totals. Beginning with the 2010 data, the Census Bureau has provided household replicate weights to facilitate more rigorous estimation of sampling error. The replicate weights and documentation on how to use them can be downloaded from: https://www.census.gov/data/datasets/time-series/demo/cps/cps-supp_cps-repwgt/cps-food-security.html.

Further Information
Information on the Federal Food Security Measurement Project, and on survey and measurement issues, is available from the Economic Research Service *Food Security in the United States* page: http://www.ers.usda.gov/topics/food-nutrition-assistance/food-security-in-the-us.aspx.

A statistical summary of the December 2019 CPS-FSS data, *Household Food Security in the United States in 2019,* can also be downloaded from that page.

Contact: *Alisha Coleman-Jensen; 202-694-5456; alisha.coleman-jensen@usda.gov* or *Matthew P. Rabbitt; 816-823-5300; matthew.rabbitt@usda.gov*