CURRENT POPULATION SURVEY, June 2017
UNBANKED/UNDERBANKED SUPPLEMENT FILE

TECHNICAL DOCUMENTATION
CPS—17

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NOTE

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

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

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

ATTACHMENT 1

ABSTRACT

Current Population Survey, June 2017: Unbanked/ Underbanked Supplement [machine-readable data file] / conducted by the Bureau of the Census for the Federal Deposit Insurance Corporation. - Washington: Bureau of the Census [producer and distributor], 2017.

Type of File

Microdata; unit of observation is households.

Universe Description

The universe consists of all persons in the civilian noninstitutional population of the United States living in households. The probability sample selected to represent the universe consists of approximately 59,000 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 16 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 Federal Deposit Insurance Corporation (FDIC) is sponsoring this supplemental survey on Unbanked and Underbanked Households as part of its efforts to bring unbanked and underbanked consumers into the economic mainstream. The FDIC will analyze this data to estimate at a national, state and large MSA- level the number of unbanked and underbanked households, their demographic characteristics, and their reasons for being unbanked and underbanked. The FDIC will use the results to better inform policy-making on issues related to economic inclusion.

Geographic Coverage

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

Technical Description

File Structure: Rectangular.
File Size: 148,054 logical records; 1,416 character logical record length.
File Sort Sequence: State rank by CBSA/CSA rank by household identification number by line number.

Reference Materials

Current Population Survey, June 2017: Unbanked/ Underbanked Supplement Technical Documentation. Documentation contains this abstract, questionnaire facsimiles, and record layouts of the file. One copy accompanies each file order. Additional copies are available from Marketing Services Office, Customer Services Center, Bureau of the Census, Washington, DC 20233.

Bureau of the Census. *The Current Population Survey Design and Methodology* (Technical Paper 66) describes in detail the sample design and survey procedures used as well as 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 download the file from our website at https://www.census.gov/programs-surveys/cps/data.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 54,000 households monthly, scientifically selected on the basis of area of residence to represent the nation as a whole, individual states, and other specified areas. Each household is interviewed once a month for four consecutive months one year, and again for the corresponding time period a year later. This technique enables us to obtain reliable month-to-month and year-to-year comparisons at a reasonable cost while minimizing the inconvenience to any one household.

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

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

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

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

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

CPS Sample Design

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

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

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

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

Relationship of Current Population Survey Files to Publications

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

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

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

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

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

Geographic Limitations

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

Weights

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

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

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

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

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

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

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

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

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

Comparability of CPS From Microdata Files With Published Sources

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

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

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

Comparison of CPS Estimates from Microdata Files with Published Sources

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

ATTACHMENT 3

OVERVIEW

June 2017: Unbanked/Underbanked Supplement

General

In June 2017, the Census Bureau conducted a supplement to the Current Population Survey (CPS) on banking. Refer to Attachment 2 for a description of the CPS: "Overview - Current Population Survey."

The sponsor of the Unbanked/ Underbanked Supplement was the Federal Deposit Insurance Corporation (FDIC). It was previously administered as a part of the CPS in June 2015.

Data Collection

Attachment 8 is a facsimile of the June 2017 questionnaire. The computer instrument contains the CPS basic labor force items and the supplement items. Interviews were conducted from June 16th through the 22nd in the full CPS sample.

The Unbanked/ Underbanked questions were asked of all interviewed households, as appropriate. Items S1 and S1a establish how knowledgeable the interviewee is regarding the household finances. Item S2 determines if anyone in the household has a checking or savings account. Items S2a and S2b determine who has an account and the type of account. Those who respond as having no knowledge of or did not specify their level of involvement in the household finances were not asked any further questions. Item S2e identifies households that currently have an account, but were unbanked at some point within the last 12 months.. S2g-S2h ask about diffent methods used to access the account. Items S3-S7 are asked of unbanked households. Item S3 determines if the household was previously banked. Items S5-S6f gather reasons why the household does not currently have an account in a mainstream financial institution. Item S7 applies to all unbanked households and asks about the likelihood of them opening an account. S101- S187 apply to all households, regardless of their banking status. These questions ask about the use of certain financial products and services that are most commonly used by the unbanked and underbanked population. The questions also ask about frequency of use and reasons why the household chooses to use alternative financial service providers or products, as opposed to mainstream financial institutions.

The Unbanked/ Underbanked Supplement was conducted at the household level. There were no callbacks for the supplement.

Interviewer training for the supplement included authorization of up to 1 1/2 hours to review instructions, complete home-study exercises, and complete a practice interview.

Data Processing

Supplement Computer Edits. Interviewed records were edited for consistency between items. There were three conditions for nonresponse to the supplement items: supplement ineligible, item ineligible, and actual item nonresponse. Supplement fields were blanked for records that were out of universe for a particular item based on response to a previous item. If an item should have been filled with an entry but was not, the item was assigned a value of -9. In 2022, any Item Nonresponse was allocated using matrices based on answers from household with similar demographics. See Attachment 17: User Note #2.

Weighting. There are household and person supplement weights associated with the June 2017 Unbanked/ Underbanked Supplement. Use the household weights for tallying the supplement items. Limit the sample to one record per household for household tallies using HHSUPWGT and PERRP = 1 or 2.

June 2017 CPS/Unbanked/ Underbanked File

CPS Labor Force Data. The June 2017 CPS file contains148,054 records. Each record contains 1,416 characters. Positions (1-1000) contain the labor force data. Attachment 6 contains the variable name, character size, location on record, universe, and the values of these 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 June 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 ineligible for the CPS by virtue of being vacant, demolished, nonresidential, etc.)

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

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

The values of PRPERTYP are:

	Unweighted Counts
1 = (Child)	23,428
2 = (Adult Civilian, 15+)	102,332
3 = (Adult, Armed Forces)	445

The values of HRINTSTA are:

1 = Interview	52,068
2 = Type A Noninterview	8,775
3 = Type B Noninterview	12,617
4 = Type C Noninterview	457

June 2017 Unbanked/ Underbanked Supplement Data. The June 2017 supplement data for adults are located in record positions (1001-1416). (See Attachment 7)

Tallying the June 2017 Unbanked/ Underbanked Supplement File. The June 2017 supplement universe represented the full CPS sample comprised of all interviewed CPS households.

Unweighted Counts. Attachment 13 lists some of the unweighted supplement variables and their tallies. Use these counts to ensure that the file is being properly accessed.

Data Contacts. For questions concerning the collection of this data, please call the staff in the Current Population Survey Branch at the Census Bureau on (301) 763-3806.

ATTACHMENT 4

GLOSSARY

Current Population Survey

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

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

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

Civilian Labor Force–(See Labor Force.)

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

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

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

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

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

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

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

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

Education–(See Level of School Completed.)

Employed–(See Labor Force.)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1. *Employed*

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

2. *Unemployed*

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

   a. *Job Leavers*

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

   b. *Job Losers*

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

   c. *New Job Entrants*

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

   d. *Job Reentrants*

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

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

3. Not in Labor Force

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Unemployed–(See Labor Force.)

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

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

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

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

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

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

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

Workers–(See Labor Force--Employed.)

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

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

ATTACHMENT 5

HOW TO USE THE RECORD LAYOUT

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

Item Naming Conventions

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

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

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

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

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

∝ The remaining characters describe the variable.

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

ATTACHMENT 6

CPS RECORD LAYOUT FOR BASIC LABOR FORCE ITEMS

STANDARD PUBLIC USE FILES

A1. HOUSEHOLD INFORMATION

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

NAME	SIZE	DESCRIPTION	LOCATION
HRHHID	15	HOUSEHOLD IDENTIFIER (Part 1)	1- 15
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		Part 1. See Characters 71-75 for Part 2 of the Household Identifier.	
HRMONTH	2	MONTH OF INTERVIEW	16-17
		EDITED UNIVERSE: ALL HHLDs IN SAMPLE	
		VALID ENTRIES	
		01 MIN VALUE 12 MAX VALUE	
HRYEAR4	4	YEAR OF INTERVIEW	18-21
		EDITED UNIVERSE: ALL HHLDs IN SAMPLE	
		VALID ENTRIES	
		1998 MIN VALUE 2999 MAX VALUE	
HURESPLI	2	LINE NUMBER OF THE CURRENT RESPONDENT	22 - 23
		VALID ENTRIES	
		0 MIN VALUE 99 MAX VALUE	

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

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

VALID ENTRIES

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION
		8 25,000 TO 29,999 9 30,000 TO 34,999 10 35,000 TO 39,999 11 40,000 TO 49,999 12 50,000 TO 59,999 13 60,000 TO 74,999 14 75,000 TO 99,999 15 100,000 TO 149,999 16 150,000 OR MORE	
HUTYPEA	2	TYPE A NONINTERVIEW REASON 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	41 - 42
HUTYPB	2	TYPE B NON-INTERVIEW REASON 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	43 - 44
HUTYPC	2	TYPE C NON-INTERVIEW REASON 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	45 - 46

NAME	SIZE	DESCRIPTION	LOCATION
		9 UNIT DOES NOT EXIST/OUT OF SCOPE 10 OTHER - SPECIFY	
HWHHWGT	10	HOUSEHOLD WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR TALLYING HOUSEHOLD CHARACTERISTICS	47 - 56
		EDITED UNIVERSE: HRINTSTA = 1	
HRINTSTA	2	INTERVIEW STATUS	57 - 58
		EDITED UNIVERSE: ALL HHLDs IN SAMPLE	
		VALID ENTRIES 1 INTERVIEW 2 TYPE A NON-INTERVIEW 3 TYPE B NON-INTERVIEW 4 TYPE C NON-INTERVIEW	
HRNUMHOU	2	TOTAL NUMBER OF PERSONS LIVING IN THE HOUSEHOLD (HOUSEHOLD MEMBERS).	59 - 60
		EDITED UNIVERSE: ALL HHLDs IN SAMPLE	
		VALID ENTRIES 0 MIN VALUE 16 MAX VALUE	
HRHTYPE	2	HOUSEHOLD TYPE	61 - 62
		EDITED UNIVERSE: ALL HHLDs IN SAMPLE	
		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 EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 1 MIN VALUE 8 MAX VALUE	63 - 64
HUINTTYP	2	TYPE OF INTERVIEW VALID ENTRIES 0 NONINTERVIEW/INDETERMINATE 1 PERSONAL 2 TELEPHONE	65 - 66
HUPRSCNT	2	NUMBER OF ACTUAL AND ATTEMPTED PERSONAL CONTACTS VALID ENTRIES 1 MIN VALUE 9 MAX VALUE	67 - 68
HRLONGLK	2	LONGITUDINAL LINK INDICATOR EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 0 MIS 1 OR REPLACEMENT HH (NO LINK) 2 MIS 2-4 OR MIS 6-8 3 MIS 5	69 - 70
HRHHID2	5	HOUSEHOLD IDENTIFIER (part 2) EDITED UNIVERSE: ALL HHLD's IN SAMPLE Part 1 of this number is found in columns 1-15 of the record. Concatenate this item with Part 1 for matching. The component parts of this number are as follows: 71-72 Numeric component of the sample number (HRSAMPLE) 73-74 Serial suffix-converted to numerics (HRSERSUF) 75 Household Number (HUHHNUM)	71 - 75
HWHHWTLN	2	Line Number (PULINENO) of the person whose PWSSWGT was donated as HWHHWGT for the household	76-77

NAME	SIZE	DESCRIPTION	LOCATION
		EDITED UNIVERSE: HRINTSTA = 1 VALID ENTRIES 0 MIN VALUE 16 MAX VALUE	
FILLER	1		78 - 78
HUBUS	2	DOES ANYONE IN THIS HOUSEHOLD HAVE A BUSINESS OR A FARM? VALID ENTRIES 1 YES 2 NO	79 - 80
HUBUSL1	2	ENTER LINE NUMBER FOR HUBUS = 1 VALID ENTRIES 01 MIN VALUE 99 MAX VALUE	81 - 82
HUBUSL2	2	See BUSL1 VALID ENTRIES 1 MIN VALUE 99 MAX VALUE	83 - 84
HUBUSL3	2	See BUSL1 VALID ENTRIES 1 MIN VALUE 99 MAX VALUE	85 - 86
HUBUSL4	2	See BUSL1 VALID ENTRIES 1 MIN VALUE 99 MAX VALUE	87 - 88

NAME	SIZE	DESCRIPTION	LOCATION

A2. GEOGRAPHIC INFORMATION

GEREG 2 REGION 89 - 90

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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

GEDIV 1 DIVISION 91 - 91

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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

FILLER 1 92 – 92

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

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

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

FILLER 1 95 - 95

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

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

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 NOT IDENTIFIED.

GTCBSAST 1 PRINCIPAL CITY/BALANCE STATUS 104 - 104

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

1 PRINCIPAL CITY
2 BALANCE
3 NONMETROPOLITAN
4 NOT IDENTIFIED

GTMETSTA 1 METROPOLITAN STATUS 105 - 105

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

1 METROPOLITAN
2 NONMETROPOLITAN
3 NOT IDENTIFIED

GTINDVPC 1 INDIVIDUAL PRINCIPAL CITY 106 - 106

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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

GTCBSASZ 1 Metropolitan Area (CBSA) SIZE 107 - 107

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

NAME	SIZE	DESCRIPTION	LOCATION
		0 NOT IDENTIFIED OR NONMETROPOLITAN 2 100,000 - 249,999 3 250,000 - 499,999 4 500,000 - 999,999 5 1,000,000 - 2,499,999 6 2,500,000 - 4,999,999 7 5,000,000+	
GTCSA	3	Consolidated Statistical Area (CSA) FIPS CODE (SEE GEOGRAPHIC ATTACHMENT) EDITED UNIVERSE: ALL HHLD's IN SAMPLE VALID ENTRIES 000 NOT IDENTIFIED OR NONMETROPOLITAN 104 MIN VALUE 548 MAX VALUE	108-110
FILLER	3		111 - 113
		A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS	
FILLER	2	Starting January 2014	114 - 117
PERRP	2	RELATIONSHIP TO REFERENCE PERSON EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3 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	118 - 119

NAME	SIZE	DESCRIPTION	LOCATION

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

SEE LOCATION 114 - 115 FOR THE
COLLAPSED VERSION

PEPARENT 2 LINE NUMBER OF PARENT 120 - 121

EDITED UNIVERSE: EVERY PERSON

VALID ENTRIES

-1 NO PARENT
01 MIN VALUE
99 MAX VALUE

PRTAGE 2 PERSONS AGE 122 - 123

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

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

VALID ENTRIES

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

PRTFAGE 1 TOP CODE FLAG FOR AGE 124 - 124

VALID ENTRIES

0 NO TOP CODE
1 TOP CODED VALUE FOR AGE

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

VALID ENTRIES

1 YES
2 NO

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

EDITED UNIVERSE: PRPERTYP = 2 0R 3

VALID ENTRIES

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

PTDTRACE	2	RACE	139 – 140

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
		06 White-Black 07 White-AI 08 White-Asian 09 White-HP 10 Black-AI 11 Black-Asian 12 Black-HP 13 AI-Asian 14 AI-HP 15 Asian-HP 16 W-B-AI 17 W-B-A 18 W-B-HP 19 W-AI-A 20 W-AI-HP 21 W-A-HP 22 B-AI-A 23 W-B-AI-A 24 W-AI-A-HP 25 Other 3 Race Combinations 26 Other 4 and 5 Race Combinations	
PRDTHSP	2	DETAILED HISPANIC ORIGIN GROUP	141 - 142

Revised January 2014

EDITED UNIVERSE: PEHSPNON = 1

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PUCHINHH	2	CHANGE IN HOUSEHOLD COMPOSITION	143 – 144
		VALID ENTRIES	
		1 PERSON ADDED 2 PERSON ADDED - URE 3 PERSON UNDELETED 4 PERSON DIED 5 DELETED FOR REASON OTHER THAN DEATH 6 PERSON JOINED ARMED FORCES 7 PERSON NO LONGER IN AF 9 CHANGE IN DEMOGRAPHIC INFORMATION	
FILLER	2		145 - 146
PULINENO	2	PERSON'S LINE NUMBER	147 – 148
		VALID ENTRIES	
		01 MIN VALUE 99 MAX VALUE	
FILLER	2		149 - 150
PRFAMNUM	2	FAMILY NUMBER RECODE	151 - 152
		EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3	
		VALID ENTRIES	
		00 NOT A FAMILY MEMBER 01 PRIMARY FAMILY MEMBER ONLY 02 SUBFAMILY NO. 2 MEMBER 03 SUBFAMILY NO. 3 MEMBER 04 SUBFAMILY NO. 4 MEMBER 05 SUBFAMILY NO. 5 MEMBER 06 SUBFAMILY NO. 6 MEMBER 07 SUBFAMILY NO. 7 MEMBER 08 SUBFAMILY NO. 8 MEMBER 09 SUBFAMILY NO. 9 MEMBER 10 SUBFAMILY NO. 10 MEMBER 11 SUBFAMILY NO. 11 MEMBER 12 SUBFAMILY NO. 12 MEMBER 13 SUBFAMILY NO. 13 MEMBER 14 SUBFAMILY NO. 14 MEMBER 15 SUBFAMILY NO. 15 MEMBER	

NAME	SIZE	DESCRIPTION	LOCATION
		16 SUBFAMILY NO. 16 MEMBER 17 SUBFAMILY NO. 17 MEMBER 18 SUBFAMILY NO. 18 MEMBER 19 SUBFAMILY NO. 19 MEMBER	
PRFAMREL	2	FAMILY RELATIONSHIP RECODE EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 0 NOT A FAMILY MEMBER 1 REFERENCE PERSON 2 SPOUSE 3 CHILD 4 OTHER RELATIVE (PRIMARY FAMILY & UNREL)	153 - 154
PRFAMTYP	2	FAMILY TYPE RECODE EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 1 PRIMARY FAMILY 2 PRIMARY INDIVIDUAL 3 RELATED SUBFAMILY 4 UNRELATED SUBFAMILY 5 SECONDARY INDIVIDUAL	155 - 156
PEHSPNON	2	HISPANIC OR NON-HISPANIC EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 1 HISPANIC 2 NON-HISPANIC	157 - 158
PRMARSTA	2	MARITAL STATUS BASED ON ARMED FORCES PARTICIPATION EDITED UNIVERSE: PRPERTYP = 2 0R 3	159 - 160

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 MARRIED, CIVILIAN SPOUSE PRESENT 2 MARRIED, ARMED FORCES SPOUSE PRESENT 3 MARRIED, SPOUSE ABSENT (EXC. SEPARATED) 4 WIDOWED 5 DIVORCED 6 SEPARATED 7 NEVER MARRIED	
PRPERTYP	2	TYPE OF PERSON RECORD RECODE EDITED UNIVERSE: ALL HOUSEHOLD MEMBERS VALID ENTRIES 1 CHILD HOUSEHOLD MEMBER 2 ADULT CIVILIAN HOUSEHOLD MEMBER 3 ADULT ARMED FORCES HOUSEHOLD MEMBER	161 - 162
PENATVTY	3	COUNTRY OF BIRTH 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	163 - 165
PEMNTVTY	3	MOTHER'S COUNTRY OF BIRTH EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 057 UNITED STATES 060 AM SAMOA 066 GUAM 073 PUERTO RICO	166 - 168

NAME	SIZE	DESCRIPTION	LOCATION
		078 U. S. VIRGIN ISLANDS 096 OTHER U. S. ISLAND AREA 100-554 FOREIGN COUNTRY (SEE APPENDIX) 555 ELSEWHERE	
PEFNTVTY	3	FATHER'S COUNTRY OF BIRTH	169 - 171
		EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3	
		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	
PRCITSHP	2	CITIZENSHIP STATUS	172 - 173
		EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3	
		VALID ENTRIES	
		1 NATIVE, BORN IN THE UNITED STATES 2 NATIVE, BORN IN PUERTO RICO OR OTHER U.S. ISLAND AREAS 3 NATIVE, BORN ABROAD OF AMERICAN PARENT OR PARENTS 4 FOREIGN BORN, U.S. CITIZEN BY NATURALIZATION 5 FOREIGN BORN, NOT A CITIZEN OF THE UNITED STATES	
PRCITFLG	2	CITIZENSHIP ALLOCATION FLAG	174 - 175
		EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3	
		Placed in this position because naming convention is different from all other allocation flags.	
PRINUSYR	2	IMMIGRANT'S YEAR OF ENTRY	176 - 177
		EDITED UNIVERSE: PRCITSHP = 2, 3, 4, OR 5	

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES	
		-1 NOT IN UNIVERSE (BORN IN U.S.)	
		00 NOT FOREIGN BORN	
		01 BEFORE 1950	
		02 1950-1959	
		03 1960-1964	
		04 1965-1969	
		05 1970-1974	
		06 1975-1979	
		07 1980-1981	
		08 1982-1983	
		09 1984-1985	
		10 1986-1987	
		11 1988-1989	
		12 1990-1991	
		13 1992-1993	
		14 1994-1995	
		15 1996-1997	
		16 1998-1999	
		17 2000-2001	
		18 2002-2003	
		19 2004-2005	
		20 2006-2007	
		21 2008-2009	
		22 2010-2011	
		23 2012-2013	
		24 2014-2017	
		Starting January 2018	
		24 2014-2015	
		25 2016-2018	
		Starting January 2019	
		25 2016-2019	
		A4. PERSONS INFORMATION LABOR FORCE ITEMS	
PUSLFPRX	2	LABOR FORCE INFORMATION COLLECTED BY SELF OR PROXY RESPONSE	178 - 179

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

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

NAME	SIZE	DESCRIPTION	LOCATION
		HAVE A DISABILITY.) DOES YOUR DISABILITY CONTINUE TO PREVENT YOU FROM DOING ANY KIND OF WORK FOR THE NEXT 6 MONTHS? VALID ENTRIES 1 YES 2 NO 3 DID NOT HAVE DISABILITY LAST MONTH	
PERET1	2	DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART-TIME? EDITED UNIVERSE: PEMLR = 5 AND (PURETOT = 1 OR (PUWK = 3 AND PRTAGE >= 50) OR (PUABS = 3 AND PRTAGE >= 50) OR (PULAY = 3 AND PRTAGE >= 50)) VALID ENTRIES 1 YES 2 NO 3 HAS A JOB	200 - 201
PUDIS1	2	DOES YOUR DISABILITY PREVENT YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS? VALID ENTRIES 1 YES 2 NO	202 - 203
PUDIS2	2	DO YOU HAVE A DISABILITY THAT PREVENTS YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS? VALID ENTRIES 1 YES 2 NO	204 - 205
PUABSOT	2	LAST WEEK DID YOU HAVE A JOB EITHER FULL OR PART-TIME?	206 - 207

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION
		5 OTHER FAMILY/PERSONAL OBLIGATIONS 6 HEALTH/MEDICAL LIMITATIONS 7 SCHOOL/TRAINING 8 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS 9 FULL-TIME WORKWEEK IS LESS THAN 35 HRS 10 OTHER - SPECIFY	
PEHRRSN2	2	WHAT IS THE MAIN REASON YOU DO NOT WANT TO WORK FULL-TIME? EDITED UNIVERSE: PEHRWANT = 2 (PEMLR = 1 AND PEHRUSLT < 35) VALID ENTRIES 1 CHILD CARE PROBLEMS 2 OTHER FAMILY/PERSONAL OBLIGATIONS 3 HEALTH/MEDICAL LIMITATIONS 4 SCHOOL/TRAINING 5 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS 6 FULL-TIME WORKWEEK LESS THAN 35 HOURS 7 OTHER - SPECIFY	231 - 232
PEHRRSN3	2	WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK? EDITED UNIVERSE: PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2 (PEMLR = 1 AND PEHRUSLT = 35+) VALID ENTRIES 1 SLACK WORK/BUSINESS CONDITIONS 2 SEASONAL WORK 3 JOB STARTED OR ENDED DURING WEEK 4 VACATION/PERSONAL DAY 5 OWN ILLNESS/INJURY/MEDICAL APPOINTMENT 6 HOLIDAY (LEGAL OR RELIGIOUS) 7 CHILD CARE PROBLEMS 8 OTHER FAMILY/PERSONAL OBLIGATIONS 9 LABOR DISPUTE 10 WEATHER AFFECTED JOB 11 SCHOOL/TRAINING 12 CIVIC/MILITARY DUTY 13 OTHER REASON	233 - 234

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

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

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES	
		1 IF ENTRY OF 1 IN MJ AND ENTRY OF D, R OR V IN HRUSL1 AND ENTRY OF D, R, V OR 0-34 IN HRUSL2 GOTO HRFTPT	
		2 IF ENTRY OF 1 IN MJ AND ENTRY OF D, R OR V IN HRUSL2 AND ENTRY OF D, R V OR 0-34 IN HRUSL1 GOTO HRFTPT	
		3 IF ENTRY OF 2, D OR R IN MJ AND ENTRY OF D, R OR V IN HRUSL1 GOTO HRFTPT	
		4 IF ENTRY OF 1 IN BUS1 AND ENTRY OF D, R OR V IN HRUSL1 THEN GOTO HRFTPT	
		5 ALL OTHERS GOTO HRCK3-C	
PUHRCK3	2	CHECK ITEM 3	261 - 262
		VALID ENTRIES	
		1 IF ENTRY OF 1 IN ABSOT OR (ENTRY OR 2 IN ABSOT AND ENTRY OF 1 IN BUS AND CURRENT R_P EQUALS BUSLST) THEN GOTO HRCK8	
		2 IF ENTRY OF 3 IN RET1 GOTO HRCK8	
		3 IF ENTRY IN HRUSLT IS 0-34 HOURS GOTO HRCK4-C	
		4 IF ENTRY IN HRUSLT IS 35+ GOTO HROFF1	
		5 ALL OTHERS GOTO HRCK4-C	
		6 GOTO PUHRCK4	
PUHRCK4	2	CHECK ITEM 4	263 - 264
		VALID ENTRIES	
		1 IF ENTRY OF 1, D, R OR V IN HRFTPT THEN GOTO HRACT1	
		2 IF ENTRY OF 2, D OR R IN BUS2 THEN GOTO HROFF1	
		3 IF HRUSLT IS 0-34 THEN GOTO HRWANT	
		4 IF ENTRY OF 2 IN HRFTPT THEN GOTO HRWANT	
		5 ALL OTHERS GOTO HRACT1	
PUHRCK5	2	CHECK ITEM 5	265 – 266

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 IF ENTRY OF 1 IN MJOT GOTO HRACT2 2 ALL OTHERS GOTO HRCK6-C	
PUHRCK6	2	CHECK ITEM 6	267 - 268
		VALID ENTRIES 1 IF HRACT1 AND HRACT2 EQ 0 AND ENTRY OF 2, D, R IN BUS2 THEN GOTO LK 2 IF HRACT1 AND HRACT2 EQ 0 THEN STORE 1 IN ABSOT AND GOTO ABSRSN 3 ALL OTHERS GOTO HRACTT-C	
PUHRCK7	2	CHECK ITEM 7	269 - 270
		VALID ENTRIES 1 (IF ENTRY OF 2, D OR R IN BUS2) AND (HRACT1 LESS THAN 15 OR D) GOTO HRCK8 2 (IF ENTRY OF 2, D OR R IN BUS2) AND (HRACT1 IS 15+) GOTO HRCK8 3 (IF HRUSLT IS 35+ OR IF ENTRY OF 1 IN HRFTPT) AND (HRACTT < 35) AND ENTRY IN HRACT1 OR HRACT2 ISN'T D OR R THEN GOTO HRRSN3 4 IF ENTRY OF 1 IN HRWANT AND HRACTT < 35 AND (ENTRY OF 1, 2, 3 IN HRRSN1) GOTO HRAVL 5 ALL OTHERS GOTO HRCK8	
PUHRCK12	2	CHECK ITEM 12	271 – 272
		VALID ENTRIES 1 IF ENTRY OF 2, D OR R IN BUS2 AND HRACTT IS LESS THAN 15 OR D GOTO LK 2 ALL OTHERS GOTO IOCK1	
PULAYDT	2	HAS YOUR EMPLOYER GIVEN YOU A DATE TO RETURN TO WORK?	273 - 274
		VALID ENTRIES 1 YES 2 NO	

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

NAME	SIZE	DESCRIPTION	LOCATION
PELAYFTO	2	FT/PT STATUS OF JOB FROM WHICH SAMPLE PERSON WAS ON LAYOFF FROM EDITED UNIVERSE: PELAYDUR = 0-120 VALID ENTRIES 1 YES 2 NO	286 - 287
PULAYCK1	2	CHECK ITEM 1 VALID ENTRIES 1 GOTO PULAYCK3 2 GOTO PULAYFT 3 GOTO PULAYDR	288 - 289
PULAYCK2	2	CHECK ITEM 2 SCREEN FOR DEPENDENT LAYOFF VALID ENTRIES 1 GOTO PULAYDR3 2 GOTO PULAYFT	290 - 291
PULAYCK3	2	CHECK ITEM 3 FILTER FOR DEPENDENT I & O VALID ENTRIES 1 MISCK = 5 GOTO IO1INT 2 I-ICR = 1 OR I-OCR = 1, GOTO IO1INT 3 ALL OTHERS GOTO SCHCK	292 - 293
PULK	2	HAVE YOU BEEN DOING ANYTHING TO FIND WORK DURING THE LAST 4 WEEKS? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	294 - 295

NAME	SIZE	DESCRIPTION	LOCATION
PELKM1	2	WHAT ARE ALL OF THE THINGS YOU HAVE DONE TO FIND WORK DURING THE LAST 4 WEEKS? (FIRST METHOD) EDITED UNIVERSE: PEMLR = 4 VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 12 NOTHING 13 OTHER PASSIVE	296 - 297
PULKM2	2	ANYTHING ELSE? (SECOND METHOD) 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	298 - 299
PULKM3	2	SAME AS PULKM2 (THIRD METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY	300 - 301

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

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

VALID ENTRIES

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

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

VALID ENTRIES

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

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

VALID ENTRIES

1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
2 CONTACTED PUBLIC EMPLOYMENT AGENCY
3 CONTACTED PRIVATE EMPLOYMENT AGENCY
4 CONTACTED FRIENDS OR RELATIVES

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

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
PULKDK6	2	SAME AS PULKDK2 (SIXTH METHOD)	318 – 319
		VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
PULKPS1	2	CAN YOU TELL ME MORE ABOUT WHAT YOU DID TO SEARCH FOR WORK? (FIRST METHOD)	320 - 321
		VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS	

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION
PELKLWO	2	WHEN LAST WORKED	340 - 341

EDITED UNIVERSE: PELKLL1O = 1 - 4

VALID ENTRIES

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

PELKDUR	3	DURATION OF JOB SEEKING	342 - 344

EDITED UNIVERSE: PELKLWO = 1 - 3

VALID ENTRIES

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

Topcoded at 119 weeks starting April 2011

PELKFTO	2	FT/PT STATUS OF JOBSEEKER	345 - 346

EDITED UNIVERSE: PELKDUR = 0-120

VALID ENTRIES

1 YES
2 NO
3 DOESN'T MATTER

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

EDITED UNIVERSE: PUDWCK1 = 3, 4, -1

VALID ENTRIES

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

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

EDITED UNIVERSE: PUDWCK4 = 4, -1

VALID ENTRIES

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

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

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

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

VALID ENTRIES

1 YES
2 NO

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

EDITED UNIVERSE: PEDWLKO = 1

VALID ENTRIES

1 YES
2 NO

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

EDITED UNIVERSE: PEDWWK = 1

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

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

VALID ENTRIES

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

PUDWCK3	2	FILTER FOR RETIRED	367 - 368

VALID ENTRIES

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

PUDWCK4	2	FILTER FOR PASSIVE JOB SEEKERS	369 - 370

VALID ENTRIES

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

PUDWCK5	2	FILTER FOR PASSIVE JOB SEEKERS	371 - 372

VALID ENTRIES

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

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

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

VALID ENTRIES

1 YES
2 NO

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

NAME	SIZE	DESCRIPTION	LOCATION

VALID ENTRIES

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

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

EDITED UNIVERSE: PEMLR = 2

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
		32 PT UNPAID-OWN ILLNESS 33 PT UNPAID-CHILD CARE PROBLEMS 34 PT UNPAID-OTHER FAM/PERSONAL OBLIGATION 35 PT UNPAID-MATERNITY/PATERNITY LEAVE 36 PT UNPAID-LABOR DISPUTE 37 PT UNPAID-WEATHER AFFECTED JOB 38 PT UNPAID-SCHOOL/TRAINING 39 PT UNPAID-CIVIC/MILITARY DUTY 40 PT UNPAID-OTHER	
PRCIVLF	2	CIVILIAN LABOR FORCE EDITED UNIVERSE: PEMLR = 1-7 <u>VALID ENTRIES</u> 01 IN CIVILIAN LABOR FORCE 02 NOT IN CIVILIAN LABOR FORCE	387 - 388
PRDISC	2	DISCOURAGED WORKER RECODE EDITED UNIVERSE: PRJOBSEA = 1-4 <u>VALID ENTRIES</u> 1 DISCOURAGED WORKER 2 CONDITIONALLY INTERESTED 3 NOT AVAILABLE	389 - 390
PREMPHRS	2	REASON NOT AT WORK OR HOURS AT WORK EDITED UNIVERSE: PEMLR = 1-7 <u>VALID ENTRIES</u> 0 UNEMPLOYED AND NILF 1 W/JOB, NOT AT WORK-ILLNES 2 W/JOB, NOT AT WORK-VACATION 3 W/JOB, NOT AT WORK-WEATHER AFFECTED JOB 4 W/JOB, NOT AT WORK-LABOR DISPUTE 5 W/JOB, NOT AT WORK-CHILD CARE PROBLEMS 6 W/JOB, NOT AT WORK-FAM/PERS OBLIGATION 7 W/JOB, NOT AT WORK-MATERNITY/PATERNITY 8 W/JOB, NOT AT WORK-SCHOOL/TRAINING 9 W/JOB, NOT AT WORK-CIVIC/MILITARY DUTY 10 W/JOB, NOT AT WORK-DOES NOT WORK IN BUS	391 - 392

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

NAME	SIZE	DESCRIPTION	LOCATION

EDITED UNIVERSE: PEMLR = 1-2

VALID ENTRIES

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

PRJOBSEA 2 JOB SEARCH RECODE 401 - 402

EDITED UNIVERSE: PRWNTJOB = 1

VALID ENTRIES

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

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

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

VALID ENTRIES

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

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

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

VALID ENTRIES

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

PRUNEDUR	3	DURATION OF UNEMPLOYMENT FOR LAYOFF AND LOOKING RECORDS	407 - 409

EDITED UNIVERSE: PEMLR = 3-4

VALID ENTRIES

0 MIN VALUE
119 MAX VALUE

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

FILLER	2		410 - 411

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

EDITED UNIVERSE: PEMLR = 3-4

VALID ENTRIES

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

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

EDITED UNIVERSE: PEMLR = 1 - 7

VALID ENTRIES

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

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

EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
PRWNTJOB	2	NILF RECODE - WANT A JOB OR OTHER NILF	418 - 419
		EDITED UNIVERSE: PEMLR = 5-7	
		VALID ENTRIES	
		1 WANT A JOB 2 OTHER NOT IN LABOR FORCE	
PUJHCK3	2	JOB HISTORY CHECK ITEM	420 - 421
		VALID ENTRIES	
		1 IF I-MLR EQ 3 OR 4 THEN GOTO PUJHDP1 2 ALL OTHERS GOTO PUJHRSN	
PUJHCK4	2	SCREEN FOR DEPENDENT NILF	422 - 423
		VALID ENTRIES	
		1 IF ENTRY OF 2, D OR R IN PUDW4WK OR IN PUJHDP1O THEN GOTO PUJHCK5 2 IF ENTRY OF 1 IN PUDW4WK OR IN PUJHDP10 THEN GOTO PUIO1INT 3 IF I-MLR EQUALS 1 OR 2 AND ENTRY IN PUJHRSN THEN GOTO PUJHCK5 4 IF ENTRY IN PUJHRSN THEN GOTO PUIO1INT 5 ALL OTHERS GOTO PUNLFCK1	
PUJHCK5	2	SCREEN FOR DEPENDENT NILF	424 - 425
		VALID ENTRIES	
		1 IF I-IO1ICR EQUALS 1 OR I-IO1OCR EQUALS 1 THEN GOTO PUIO1INT 2 ALL OTHERS GOTO PUIOCK5	
PUIODP1	2	LAST MONTH, IT WAS REPORTED THAT YOU WORKED FOR (EMPLOYER'S NAME). DO STILL WORK FOR (EMPLOYER'S NAME) (AT YOUR MAIN JOB)?	426 - 427

NAME	SIZE	DESCRIPTION	LOCATION
		VALID ENTRIES 1 YES 2 NO	
PUIODP2	2	HAVE THE USUAL ACTIVITIES AND DUTIES OF YOUR JOB CHANGED SINCE LAST MONTH? VALID ENTRIES 1 YES 2 NO	428 - 429
PUIODP3	2	LAST MONTH YOU WERE REPORTED AS (A/AN) (OCCUPATION) AND YOUR USUAL ACTIVITIES WERE (DESCRIPTION). IS THIS AN ACCURATE DESCRIPTION OF YOUR CURRENT JOB? VALID ENTRIES 1 YES 2 NO	430 - 431
PEIO1COW	2	INDIVIDUAL CLASS OF WORKER CODE ON FIRST JOB NOTE: A PEIO1COW CODE CAN BE ASSIGNED EVEN IF AN INDIVIDUAL IS NOT CURRENTLY EMPLOYED. EDITED UNIVERSE: (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1)) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND (PENLFJH = 1 OR PEJHWKO = 1)) VALID ENTRIES 1 GOVERNMENT - FEDERAL 2 GOVERNMENT - STATE 3 GOVERNMENT - LOCAL 4 PRIVATE, FOR PROFIT 5 PRIVATE, NONPROFIT 6 SELF-EMPLOYED, INCORPORATED 7 SELF-EMPLOYED, UNINCORPORATED 8 WITHOUT PAY	432 - 433

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

NAME	SIZE	DESCRIPTION	LOCATION
PADDING	6	Second Job I & O codes moved to columns 864 - 871	446 - 451
PUIOCK1	2	I & O CHECK ITEM 1 SCREEN FOR DEPENDENT I AND O 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	452 - 453
PUIOCK2	2	I & O CHECK ITEM 2 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	454 - 455
PUIOCK3	2	I & O CHECK ITEM 3 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	456 - 457
PRIOELG	2	INDUSTRY AND OCCUPATION ELIGIBILITY FLAG EDITED UNIVERSE: PEMLR = 1-3, OR (PEMLR = 4 AND PELKLWO = 1 OR 2) OR (PEMLR = 5 AND (PEJHWKO = 1 OR PENLFJH=1), OR (PEMLR = 6 AND PENLFJH = 1), OR PEMLR = 7 AND PEJHWKO = 1)	458 - 459

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

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

EDITED UNIVERSE: PEIO1COW = 1 - 5

VALID ENTRIES

1 PRIVATE
2 GOVERNMENT

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

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

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

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

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

VALID ENTRIES

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

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

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION

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

PRDTIND2 2 DETAILED INDUSTRY RECODE - JOB 2 474 - 475

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
		20 Plastics and rubber products 21 Wholesale trade 22 Retail trade 23 Transportation and warehousing 24 Utilities 25 Publishing industries (except internet) 26 Motion picture and sound recording industries 27 Broadcasting (except internet) 28 Internet publishing and broadcasting 29 Telecommunications 30 Internet service providers and data processing services 31 Other information services 32 Finance 33 Insurance 34 Real estate 35 Rental and leasing services 36 Professional and technical services 37 Management of companies and enterprises 38 Administrative and support services 39 Waste management and remediation services 40 Educational services 41 Hospitals 42 Health care services, except hospitals 43 Social assistance 44 Arts, entertainment, and recreation 45 Accommodation 46 Food services and drinking places 47 Repair and maintenance 48 Personal and laundry services 49 Membership associations and organizations 50 Private households 51 Public administration 52 Armed forces	
PRDTOCC1	2	DETAILED OCCUPATION RECODE - JOB 1 EDITED UNIVERSE: PRIOELG = 1 <u>VALID ENTRIES</u> 1 Management occupations 2 Business and financial operations occupations	476 - 477

NAME	SIZE	DESCRIPTION	LOCATION

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

PRDTOCC2 2 DETAILED OCCUPATION RECODE 478 - 479

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
		14 Building and grounds cleaning and maintenance occupations 15 Personal care and service occupations 16 Sales and related occupations 17 Office and administrative support occupations 18 Farming, fishing, and forestry occupations 19 Construction and extraction occupations 20 Installation, maintenance, and repair occupations 21 Production occupations 22 Transportation and material moving occupations 23 Armed Forces	
PREMP	2	EMPLOYED PERSONS (NON-FARM & NON-PRIVATE HHLD) RECODE EDITED UNIVERSE: PEMLR = 1 OR 2 AND PEIO1OCD ne 403-407, 473-484 VALID ENTRY 1 EMPLOYED PERSONS (EXC. FARM & PRIV HH)	480 - 481
PRMJIND1	2	MAJOR INDUSTRY RECODE - JOB 1 EDITED UNIVERSE: PRDTIND1 = 1-51 VALID ENTRIES 1 Agriculture, forestry, fishing, and hunting 2 Mining 3 Construction 4 Manufacturing 5 Wholesale and retail trade 6 Transportation and utilities 7 Information 8 Financial activities 9 Professional and business services 10 Educational and health services 11 Leisure and hospitality 12 Other services 13 Public administration 14 Armed Forces	482 - 483

NAME	SIZE	DESCRIPTION	LOCATION
PRMJIND2	2	MAJOR INDUSTRY RECODE - JOB 2 EDITED UNIVERSE: PRDTIND2 = 1-51 <u>VALID ENTRIES</u> 1 Agriculture, forestry, fishing, and hunting 2 Mining 3 Construction 4 Manufacturing 5 Wholesale and retail trade 6 Transportation and utilities 7 Information 8 Financial activities 9 Professional and business services 10 Educational and health services 11 Leisure and hospitality 12 Other services 13 Public administration 14 Armed Forces	484 - 485
PRMJOCC1	2	MAJOR OCCUPATION RECODE - JOB 1 EDITED UNIVERSE: PRDTOCC1 = 1-46 <u>VALID ENTRIES</u> 1 Management, business, and financial occupations 2 Professional and related occupations 3 Service occupations 4 Sales and related occupations 5 Office and administrative support occupations 6 Farming, fishing, and forestry occupations 7 Construction and extraction occupations 8 Installation, maintenance, and repair occupations 9 Production occupations 10 Transportation and material moving occupations 11 Armed Forces	486 - 487

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

EDITED UNIVERSE: PRDTOCC2 = 1-46

VALID ENTRIES

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

PRMJOCGR	2	MAJOR OCCUPATION CATEGORIES	490 - 491

EDITED UNIVERSE: PRMJOCC = 1-11

VALID ENTRIES

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

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

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

VALID ENTRY

1 NON-AG PRIV WAGE & SALARY

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

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

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION
PENLFRET	2	ARE YOU RETIRED FROM A JOB OR BUSINESS? EDITED UNIVERSE: PRTAGE = 50+ AND PEMLR = 3-7 VALID ENTRIES 1 YES 2 NO	567 - 568
PENLFACT	2	WHAT BEST DESCRIBES YOUR SITUATION AT THIS TIME? FOR EXAMPLE, ARE YOU DISABLED, ILL, IN SCHOOL, TAKING CARE OF HOUSE OR FAMILY, OR SOMETHING ELSE? EDITED UNIVERSE: (PRTAGE = 14-49) or (PENLFRET = 2) VALID ENTRIES 1 DISABLED 2 ILL 3 IN SCHOOL 4 TAKING CARE OF HOUSE OR FAMILY 5 IN RETIREMENT 6 SOMETHING ELSE/OTHER	569 - 570
PUNLFCK1	2	NOT IN LABOR FORCE CHECK ITEM - 1 VALID ENTRIES 1 IF AGERNG EQUALS 1-4 OR 9 THEN GOTO NLFACT 2 ALL OTHERS GOT NLFRET	571 - 572
PUNLFCK2	2	NOT IN LABOR FORCE CHECK ITEM - 2 VALID ENTRIES 1 IF MISCK EQUALS 4 OR 8 THEN GOTO NLFJH 2 ALL OTHERS GOTO LBFR-END	573 - 574
PESCHENR	2	LAST WEEK, WERE YOU ENROLLED IN A HIGH SCHOOL, COLLEGE, OR UNIVERSITY?	575 - 576

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

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

NAME	SIZE	DESCRIPTION	LOCATION

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

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

EDITED UNIVERSE: PRFAMREL = 1 or 2

VALID ENTRIES

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

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 WEEKLY EARNINGS RECODE (PRERNWA) ALLOCATION FLAG EDITED UNIVERSE: PRERELG = 1 00 NO ALLOCATION 01 ONE OR MORE COMPONENTS OF THE RECODE ARE ALLOCATED	639 - 640
PRHERNAL	2	ALLOCATION FLAG HOURLY EARNINGS RECODE (PRERNHLY) ALLOCATION FLAG EDITED UNIVERSE: PRERNHRY = 1 00 NO ALLOCATION 01 ONE OR MORE COMPONENT OF THE RECODE ARE ALLOCATED	641 - 642
HXTENURE	2	ALLOCATION FLAG See HETENURE note.	643 - 644
HXHOUSUT	2	ALLOCATION FLAG	645 - 646
HXTELHHD	2	ALLOCATION FLAG	647 - 648
HXTELAVL	2	ALLOCATION FLAG	649 - 650
HXPHONEO	2	ALLOCATION FLAG	651 - 652
PXINUSYR	2	ALLOCATION FLAG	653 - 654
PXRRP	2	ALLOCATION FLAG	655 - 656
PXPARENT	2	ALLOCATION FLAG	657 - 658

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

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

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

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION

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

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

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

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
		17 ARTS, ENTERTAINMENT, AND RECREATION 18 ACCOMMODATION AND FOOD SERVICES 19 PRIVATE HOUSEHOLDS 20 OTHER SERVICES, EXCEPT PRIVATE HOUSEHOLDS 21 PUBLIC ADMINISTRATION 22 ARMED FORCES	
PEAFWHN1	2	WHEN DID YOU SERVE?	876 - 877
		EDITED UNIVERSE: PEAFEVER = 1	
		VALID ENTRIES	
		1 SEPTEMBER 2001 OR LATER 2 AUGUST 1990 TO AUGUST 2001 3 MAY 1975 TO JULY 1990 4 VIETNAM ERA (AUGUST 1964 TO APRIL 1975) 5 FEBRUARY 1955 TO JULY 1964 6 KOREAN WAR (JULY 1950 TO JANUARY 1955) 7 JANUARY 1947 TO JUNE 1950 8 WORLD WAR II (DECEMBER 1941 TO DECEMBER 1946) 9 NOVEMBER 1941 OR EARLIER	
PEAFWHN2	2	WHEN DID YOU SERVE?	878 - 879
		EDITED UNIVERSE: PEAFEVER = 1	
		VALID ENTRIES	
		1 SEPTEMBER 2001 OR LATER 2 AUGUST 1990 TO AUGUST 2001 3 MAY 1975 TO JULY 1990 4 VIETNAM ERA (AUGUST 1964 TO APRIL 1975) 5 FEBRUARY 1955 TO JULY 1964 6 KOREAN WAR (JULY 1950 TO JANUARY 1955) 7 JANUARY 1947 TO JUNE 1950 8 WORLD WAR II (DECEMBER 1941 TO DECEMBER 1946) 9 NOVEMBER 1941 OR EARLIER	
PEAFWHN3	2	WHEN DID YOU SERVE?	880 - 881
		EDITED UNIVERSE: PEAFEVER = 1	

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

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

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

NAME	SIZE	DESCRIPTION	LOCATION
		EDITED UNIVERSE: PRPERTYP = 2 VALID ENTRIES 1 Yes 2 No	
PEDISDRS	2	DOES … HAVE DIFFICULTY DRESSING OR BATHING? EDITED UNIVERSE: PRPERTYP = 2 VALID ENTRIES 1 Yes 2 No	914 - 915
PEDISOUT	2	BECAUSE OF A PHYSICAL, MENTAL, OR EMOTIONAL CONDITION DOES…HAVE DIFFICULTY DOING ERRANDS ALONE SUCH AS VISITING A DOCTOR'S OFFICE OR SHOPPING? EDITED UNIVERSE: PRPERTYP = 2 VALID ENTRIES 1 Yes 2 No	916 - 917
PRDISFLG	2	DOES THIS PERSON HAVE ANY OF THESE DISABILITY CONDITIONS? EDITED UNIVERSE: PEDISEAR OR PEDISEYE OR PEDISREM, PEDISPHY OR PEDISDRS OR PEDISOUT = 1 VALID ENTRIES: 1 Yes 2 No	918 - 919

NAME	SIZE	DESCRIPTION	LOCATION
PXDISEAR	2	ALLOCATION FLAG	920 – 921
PXDISEYE	2	ALLOCATION FLAG	922 – 923
PXDISREM	2	ALLOCATION FLAG	924 - 925
PXDISPHY	2	ALLOCATION FLAG	926 - 927
PXDISDRS	2	ALLOCATION FLAG	928 - 929
PXDISOUT	2	ALLOCATION FLAG	930 - 931
HXFAMINC	2	ALLOCATION FLAG	932 - 933
PRDASIAN	2	DETAILED ASIAN RACE RECODE EDITED UNIVERSE: PTDTRACE = 4 <u>VALID ENTRIES</u> 1 = Asian Indian 2 = Chinese 3 = Filipino 4 = Japanese 5 = Korean 6 = Vietnamese 7 = Other	934 – 935
PEPDEMP1	2	DOES THIS PERSON USUALLY HAVE ANY PAID EMPLOYEES? See location 637-638 for the allocation flag. EDITED UNIVERSE: HRMIS = 3 or 4 and PEIO1COW = 6 or 7 <u>VALID ENTRIES</u> 1 YES 2 NO	936 - 937

NAME	SIZE	DESCRIPTION	LOCATION
PTNMEMP1	2	EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE? See location 681-682 for the allocation flag. EDITED UNIVERSE: PEPDEMP1 = 1 <u>VALID ENTRIES</u> 01-74 Number of employees 75 75 or more employees Note that this item is topcoded at 75 employees.	938-939
PEPDEMP2	2	DOES THIS PERSON USUALLY HAVE ANY PAID EMPLOYEES? See location 787-788 for the allocation flag. EDITED UNIVERSE: HRMIS = 3 or 4 and PEIO1COW = 6 or 7 <u>VALID ENTRIES</u> 1 YES 2 NO	940 - 941
PTNMEMP2	2	EXCLUDING ALL OWNERS, HOW MANY PAID EMPLOYEES DOES THIS PERSON USUALLY HAVE? See location 789-790 for the allocation flag. EDITED UNIVERSE: PEPDEMP1 = 1 <u>VALID ENTRIES</u> 01-09 Number of employees 10 10 or more employees Note that this item is topcoded at 10 employees.	942 - 943
PECERT1	2	DOES … HAVE A <u>CURRENTLY ACTIVE</u> PROFESSIONAL CERTIFICATION OR A STATE OR INDUSTRY LICENSE?	944-945

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

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

End of Basic CPS Portion of the Record

Attachment 7

Supplement Record Layout
Current Population Survey
Jun 2017 Unbanked/Underbanked Supplement

NAME	SIZE	DESCRIPTION	LOCATION
HES1	2	Which of the following best describes your household finances? Do the adults… EDITED UNIVERSE: PRESUP=1 and HUNUMHOU15>1 VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Share all finances 2 Share some finances 3 Share no finances at all 4 I am the only adult in the household (Volunteered)	1001-1002
HES1A	2	How much do you participate in making financial decisions for your household? EDITED UNIVERSE: S1=1,2,DK,RF VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 A lot 2 Some 3 Not at All	1003-1004

HES2	2	Do (you/ or does anyone else) in your household have a checking or savings account now? EDITED UNIVERSE: (PRESUP=1 and HUNUMHOU15=1) or (S1=3,4) or (S1a=1,2) VALID ENTRIES: -9 No Response -3 Refused -2 Don't Know -1 Not in Universe 1 Yes 2 No	1005-1006
PES2A	2	Who is that? Does .... have a checking or savings account? EDITED UNIVERSE: S2=1 VALID ENTRIES: -1 Not in Universe 0 This person does not have a bank account 1 This person has a bank account	1007-1008
PES2B	2	What type or types of accounts (do you/does Name) have? EDITED UNIVERSE: S2a=1 VALID ENTRIES: -1 Not in Universe 1 Only checking accounts 2 Only savings accounts 3 Or both checking and savings accounts 4 Other (Volunteered)	1009-1010

HES2E	2	In the past 12 months, that is since June 2016, was there any time when no one in your household had an account? EDITED UNIVERSE: S2=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1011-1012
HES2G1	2	In the past 12 months, have (you/ or anyone in your household) accessed an account in any of the following ways? Bank teller EDITED UNIVERSE: S2=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1013-1014
HES2G2	2	In the past 12 months, have (you/ or anyone in your household) accessed an account in any of the following ways? ATM or bank kiosk EDITED UNIVERSE: S2g1=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1015-1016

HES2G3	2	In the past 12 months, have (you/ or anyone in your household) accessed an account in any of the following ways? Telephone banking through phone call or automated voice or touch tone EDITED UNIVERSE: S2g1=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1017-1018
HES2G4	2	In the past 12 months, have (you/ or anyone in your household) accessed an account in any of the following ways? Online banking with a laptop, desktop computer, or tablet such as an iPad EDITED UNIVERSE: S2g1=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1019-1020
HES2G5	2	In the past 12 months, have (you/ or anyone in your household) accessed an account in any of the following ways? Mobile banking with text messaging, mobile app, or Internet browser or email on a mobile phone EDITED UNIVERSE: S2g1=1,2 VALID ENTRIES:	1021-1022

		-1 Not in Universe 1 Yes 2 No	
HES2G6	2	In the past 12 months, have (you/ or anyone in your household) accessed an account in any of the following ways? Other (Specify) EDITED UNIVERSE: S2g1=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1023-1024
HES2G7	2	In the past 12 months, have (you/ or anyone in your household) accessed an account in any of the following ways? Did not access an account in the past 12 months EDITED UNIVERSE: S2g1=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1025-1026
HES2H	2	What was the most common way that (you/ or anyone else in your household) accessed an account? EDITED UNIVERSE: S2g1=1 or S2g2=1 or S2g3=1 or S2g4=1 or S2g5=1 or S2g6=1 VALID ENTRIES:	1027-1028

		-1 Not in Universe 1 Bank teller 2 ATM or bank kiosk 3 Telephone banking through phone call or automated voice or touch tone 4 Online banking with a laptop, desktop computer, or tablet such as an iPad 5 Mobile banking with text messaging, mobile app, or Internet browser or email on a mobile phone 6 Other (Specify)	
HES3	2	Have (you/ or anyone else in your household) ever had a checking or savings account? EDITED UNIVERSE: S2=2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1029-1030
HES4	2	Have (you/ or anyone else in your household) had a checking or savings account in the past 12 months, that is since June 2016? EDITED UNIVERSE: S3=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1031-1032
HES5A1	2	There are different reasons people might not have a checking or savings account. Do any of the following reasons apply to (you/ or others in your household)? Do you not have an account…	1033-1034

Because bank hours are inconvenient

EDITED UNIVERSE:

S2=2

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES5A2	2	There are different reasons people might not have a checking or savings account. Do any of the following reasons apply to (you/ or others in your household)? Do you not have an account… Because bank locations are inconvenient	1035-1036

EDITED UNIVERSE:

S2=2

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES5B1	2	There are different reasons people might not have a checking or savings account. Do any of the following reasons apply to (you/ or others in your household)? Do you not have an account… Because bank account fees are too high	1037-1038

EDITED UNIVERSE:

S2=2

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES5B2	2	There are different reasons people might not have a checking or savings account. Do any of the following reasons apply to (you/ or others in your household)? Do you not have an account… Because bank account fees are unpredictable EDITED UNIVERSE: S2=2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1039-1040
HES5C	2	There are different reasons people might not have a checking or savings account. Do any of the following reasons apply to (you/ or others in your household)? Do you not have an account… Banks do not offer products or services you need EDITED UNIVERSE: S2=2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1041-1042
HES5D	2	There are different reasons people might not have a checking or savings account. Do any of the following reasons apply to (you/ or others in your household)? Do you not have an account… Don't trust banks EDITED UNIVERSE: S2=2 VALID ENTRIES:	1043-1044

-1 Not in Universe
1 Yes
2 No

HES5E 2 There are different reasons people might not have a checking or savings account. Do any of the following reasons apply to (you/ or others in your household)? Do you not have an account… Because you do not have enough money to keep in an account 1045-1046

EDITED UNIVERSE:

S2=2

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES5F 2 There are different reasons people might not have a checking or savings account. Do any of the following reasons apply to (you/ or others in your household)? Do you not have an account… Avoiding a bank gives more privacy 1047-1048

EDITED UNIVERSE:

S2=2

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES5G 2 There are different reasons people might not have a checking or savings account. Do any of the following reasons apply to (you/ or others in your household)? Do you not have an account… Because you cannot open an account due to personal identification, credit, or former bank account problems 1049-1050

EDITED UNIVERSE:

S2=2

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES5H	2	There are different reasons people might not have a checking or savings account. Do any of the following reasons apply to (you/ or others in your household)? Do you not have an account… Was there some other reason? (Specify)	1051-1052

EDITED UNIVERSE:

S2=2

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES6	2	What is the main reason why (you don't have/ no one in your household has) an account?	1053-1054

EDITED UNIVERSE:

S5a1=1 or S5a2=1 or S5b1=1 or S5b2=1 or S5c=1 or S5d=1 or S5e=1 or S5f=1 or S5g=1 or S5h=1

VALID ENTRIES:

-1 Not in Universe
1 Bank hours are inconvenient
2 Bank locations are inconvenient
3 Bank account fees are too high
4 Bank account fees are unpredictable
5 Banks do not offer products or services you need
6 Don't trust banks
7 Do not have enough money to keep in an account

		8 Avoiding banks gives more privacy 9 Cannot open an account due to personal identification, credit, or former bank account problems 10 Some other reason (Specify)	
HES7	2	How likely is it that (you/ or anyone in your household) will open a checking or savings account within the next 12 months? EDITED UNIVERSE: S2=2 VALID ENTRIES: -1 Not in Universe 1 Very likely 2 Somewhat likely 3 Not very likely 4 Not likely at all	1055-1056
HES70	2	In the past 12 months, have (you/ or anyone else in your household) spoken with a teller or other employee in person at a bank branch? EDITED UNIVERSE: S2g1=2 or S2=2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1057-1058
HES71	2	How many times have (you/ or someone else in your household) spoken with a teller or other employee in person at a bank branch in the past 12 months? EDITED UNIVERSE S70=1 or S2g1=1	1059-1060

		VALID ENTRIES: -1 Not in Universe 1 1 to 4 times in the past 12 months 2 5 to 9 times in the past 12 months 3 10 or more times in the past 12 months	
HES80A	2	The next questions ask about ways (you/ or anyone else in your household) might have used a mobile phone for banking activities. In the past 12 months, have (you/ or anyone else in your household) used a mobile phone to check email from a bank about an account? EDITED UNIVERSE S2=1 or S4=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1061-1062
HES80B	2	Received a mobile text alert or push notification from a bank about an account? EDITED UNIVERSE S2=1 or S4=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1063-1064
HES80C	2	In the past 12 months, have (you/ or anyone else in your household) used a bank's mobile website or bank's mobile app to check a bank account balance or recent transactions? EDITED UNIVERSE	1065-1066

		S2g5=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	
HES80D	2	Used a bank's mobile website or bank's mobile app to make a bill payment? EDITED UNIVERSE S2g5=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1067-1068
HES80E	2	Used a bank's mobile website or bank's mobile app to send money to other people? EDITED UNIVERSE S2g5=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1069-1070
HES80F	2	Used a bank's mobile website or bank's mobile app to transfer money between bank accounts owned by the same person? EDITED UNIVERSE S2g5=1 VALID ENTRIES:	1071-1072

-1 Not in Universe
1 Yes
2 No

HES80G	2	In the past 12 months, have (you/ or anyone else in your household) used a mobile phone's camera to deposit a check into a bank account? EDITED UNIVERSE S2g5=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1073-1074
HES110	2	Now I have a question about prepaid cards. Prepaid cards allow you or others, like relatives or a government agency, to load funds that can later be spent. Prepaid cards also allow you to withdraw cash from ATMs. I am not asking about gift cards or debit cards linked to a checking account. In the past 12 months, that is since June 2016, did (you/or anyone else in your household) use any prepaid cards? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1075-1076
HES1111	2	Where did the prepaid cards that you used in the past 12 months come from? A bank location or bank's website EDITED UNIVERSE:	1077-1078

S110=1

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES1112	2	Where did the prepaid cards that you used in the past 12 months come from? A store or website that is not a bank EDITED UNIVERSE: S1111=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1079-1080
HES1113	2	Where did the prepaid cards that you used in the past 12 months come from? A government agency EDITED UNIVERSE: S1111=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1081-1082
HES1114	2	Where did the prepaid cards that you used in the past 12 months come from? Employer payroll card EDITED UNIVERSE: S1111=1,2	1083-1084

		VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	
HES1115	2	Where did the prepaid cards that you used in the past 12 months come from? Family or friends EDITED UNIVERSE: S1111=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1085-1086
HES1116	2	Where did the prepaid cards that you used in the past 12 months come from? Other (Specify) EDITED UNIVERSE: S1111=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1087-1088
HES1121	2	Thinking about the card(s) received from a government agency, why did (you/ or others in your household) have these card(s)? To receive Social Security or disability benefits EDITED UNIVERSE: S1113=1 VALID ENTRIES:	1089-1090

		-1 Not in Universe 1 Yes 2 No	
HES1122	2	Thinking about the card(s) received from a government agency, why did (you/ or others in your household) have these card(s)? To receive unemployment benefits EDITED UNIVERSE: S1113=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1091-1092
HES1123	2	Thinking about the card(s) received from a government agency, why did (you/ or others in your household) have these card(s)? To receive food or child care benefits like SNAP or WIC EDITED UNIVERSE: S1113=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1093-1094
HES1124	2	Thinking about the card(s) received from a government agency, why did (you/ or others in your household) have these card(s)? Other (Specify) EDITED UNIVERSE:	1095-1096

		S1113=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	
HES120	2	Earlier, we asked about banks, including any bank, savings and loans institution, credit union, or brokerage firm. The next questions ask about going to places other than a bank for your financial services. In the past 12 months, that is since June 2016, did (you/ or anyone else in your household) go to some place other than a bank to cash a check? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1097-1098
HES121	2	In the past 12 months, did (you/ or anyone else in your household) go to some place other than a bank to purchase a money order? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1099-1100
HES122	2	Did (you/ or anyone else in your household)	1101-1102

		take out a payday loan or payday advance from some place other than a bank in the past 12 months? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	
HES123	2	Did (you/ or anyone else in your household) pawn an item at a pawn shop in the past 12 months? Do not include selling an unwanted item to a pawn shop. EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1103-1104
HES124	2	In the past 12 months, that is since June 2016, did (you/ or anyone else in your household) take out a tax refund anticipation loan, or use a tax preparation service in order to receive your tax refund faster than the IRS would provide it? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1105-1106

HES126	2	Auto title loans use a car title to borrow money for a short period of time. They are NOT loans used to purchase a car. In the past 12 months, did (you/ or someone else in your household) take out an auto title loan? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1107-1108
HES127	2	In the past 12 months, have (you/ or anyone else in your household) taken out any other types of loans or lines of credit from a payday lender, auto title lender, pawn shop, or check casher? EDITED UNIVERSE: S122=2 and S123=2 and S124=2 and S126=2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1109-1110
HES125	2	Some stores allow people to rent to own items such as furniture or appliances. We do not mean stores that offer installment plans or layaway plans. In the past 12 months, did (you/ or anyone else in your household) rent anything from a rent-to-own store because it couldn’t be financed any other way? EDITED UNIVERSE: S2=1,2	1111-1112

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES130	2	The next few questions are about sending money abroad. In the last 12 months, that is since June 2016, did (you/ or someone else in your household) send money to family or friends living outside of the US?	1113-1114

EDITED UNIVERSE:

S2=1,2

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES1351	2	When sending money abroad in the last 12 months, did (you/ or someone else in your household) use a bank?	1115-1116

EDITED UNIVERSE:

S130=1

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES1352	2	When sending money abroad in the last 12 months, did (you/ or someone else in your household) use a place other than a bank?	1117-1118

EDITED UNIVERSE

S1351=1,2
VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES1353	2	When sending money abroad in the last 12 months, did (you/ or someone else in your household) use some other way? (Specify) EDITED UNIVERSE S1351=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1119-1120
HES140 A	2	The next few questions are about the different ways people receive income. People may receive income from work, retirement, government benefits, or other sources in a number of ways. Think about the ways your household has received income during a typical month, in the past 12 months. In a typical month, have (you/ or others in your household) received income by paper check or money order? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No 3 Did not receive income (Volunteered)	1121-1122
HES140 B	2	How about through direct deposit or electronic transfer into a bank account? EDITED UNIVERSE:	1123-1124

S140a=1,2 and (S2=1 or S4=1)

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES140C	2	In a typical month, have (you/ or others in your household) received income through direct deposit or electronic transfer onto a prepaid card?	1125-1126

EDITED UNIVERSE:

S140a=1,2 and S110=1

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES140D	2	In a typical month, have (you/ or others in your household) received income in cash?	1127-1128

EDITED UNIVERSE:

S140a=1,2

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES140E	2	In a typical month, have (you/ or others in your household) received income in any other form? (Specify)	1129-1130

EDITED UNIVERSE:

		S140d=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	
HES140X	2	In the past 12 months, did (you/ or others in your household) receive any income from work, retirement, government benefits, or other sources? EDITED UNIVERSE: S140e=2 and S140d=2 and S140a=2 and (((S2=1 or S4=1) and S140b=2) or (S2=2 and (S3=2 or S4=2))) and ((S110=1 and S140c=2) or S110=2) VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1131-1132
HES141	2	Think about the income (you/ or others in your household) received by paper check or money order in the past 12 months. Did you TYPICALLY use some place other than a bank to cash the check or money order? EDITED UNIVERSE: S120=1 and S140a=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1133-1134

HES150A	2	The next few questions are about the different ways people pay their monthly bills for things like mortgage, rent, utilities, or child care. Think about the ways your household has paid bills during a typical month, in the past 12 months. In a typical month, did (you/ or someone else in your household) use cash to pay these types of bills? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No 3 Did not pay bills in past 12 months (Volunteered)	1135-1136
HES150B	2	How about using a personal check drawn on a bank account to pay bills? EDITED UNIVERSE: S150a=1,2 and (S2=1 or S4=1) VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1137-1138
HES150C	2	How about using a debit card linked to a bank account to pay bills? EDITED UNIVERSE: S150b=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1139-1140

HES150D	2	In a typical month, did (you/ or someone else in your household) use a credit card to pay bills? EDITED UNIVERSE: S150a=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1141-1142
HES150E	2	In a typical month, did (you/ or someone else in your household) use a prepaid card to pay bills? EDITED UNIVERSE: S150a=1,2 and S110=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1143-1144
HES150F	2	In a typical month, did (you/ or someone else in your household) pay bills electronically from a bank account, either through online bill pay or direct withdrawal? EDITED UNIVERSE: S150a=1,2 and (S2=1 or S4=1) VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1145-1146

HES150G	2	In a typical month, did (you/ or someone else in your household) use a money order from a place other than a bank to pay bills? EDITED UNIVERSE: S150a=1,2 and S121=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1147-1148
HES150H	2	How about using a cashier's check or money order from a bank to pay bills? EDITED UNIVERSE: S150a=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1149-1150
HES150I	2	In a typical month, did (you/ or someone else in your household) pay bills in any other way? (Specify) EDITED UNIVERSE: S150a=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1151-1152
HES150X	2	In the past 12 months, did (you/ or others in your household) pay any bills for things like	1153-1154

mortgage, rent, utilities, or child care?

EDITED UNIVERSE:

S150a=2 and (((S2=1 or S4=1) and S150b=2) or (S2=2 and (S3=2 or S4=2))) and (((S2=1 or S4=1) and S150c=2) or (S2=2 and (S3=2 or S4=2))) and S150d=2 and ((S110=1 and S150e=2) or S110=2) and (((S2=1 or S4=1) and S150f=2) or (S2=2 and (S3=2 or S4=2))) and ((S121=1 and S150g=2) or S121=2) and S150h=2 and S150i=2

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES1600A	2	The next few questions are about how people borrow money or purchase items on credit. In the past 12 months, have (you/ or anyone else in your household) had any of the following? A credit card from Visa, MasterCard, American Express, or Discover? Please do not include debit cards. EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1155-1156
HES1600B	2	In the past 12 months, have (you/ or anyone else in your household) had any of the following? A store credit card that can only be used at that store? Please do not include gift cards. EDITED UNIVERSE:	1157-1158

		S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	
HES1600C	2	In the past 12 months, have (you/ or anyone else in your household) had an auto loan? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1159-1160
HES1600D	2	In the past 12 months, have (you/ or anyone else in your household) had any of the following? A mortgage or home equity loan or home equity line of credit? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1161-1162
HES1600E	2	In the past 12 months, have (you/ or anyone else in your household) had a student loan? EDITED UNIVERSE:	1163-1164

		S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	
HES1600F	2	In the past 12 months, have (you/ or anyone else in your household) had any of the following? Other personal loans or lines of credit from a bank? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1165-1166
HES1600G	2	In the past 12 months, have (you/ or anyone else in your household) had any of the following? Other personal loans or lines of credit from a company other than a bank? (Specify who provided the loan) EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1167-1168
HES162	2	In the past 12 months, that is since June 2016, did (you/ or someone else in your household) apply for a new credit	1169-1170

		card, or a personal loan or line of credit at a bank? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	
HES163	2	In the past 12 months, did any lender or creditor turn down (your/ or someone else in your household's) request for new credit or not give you as much credit as you applied for? EDITED UNIVERSE: S162=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1171-1172
HES164	2	Was there any time in the past 12 months that (you/ or someone else in your household) thought about applying for a new credit card, or a personal loan or line of credit at a bank, but changed your mind because you thought you might be turned down? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1173-1174

HES170	2	The next few questions are about the different ways that people save their money. Even if you later spent it, did (you/ or anyone in your household) set aside any money in the past 12 months that could be used for unexpected expenses or emergencies? I'm only asking about funds that could be easily spent if necessary, and am not asking about retirement or other long-term savings. EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1175-1176
HES1711	2	Where did (you/ or anyone in your household) keep this money? In a checking account? EDITED UNIVERSE: S170=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1177-1178
HES1712	2	Where did (you/ or anyone in your household) keep this money? In a savings account? EDITED UNIVERSE:	1179-1180

S1711=1,2

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES1713	2	Where did (you/ or anyone in your household) keep this money? On a prepaid card? EDITED UNIVERSE: S1711=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1181-1182
HES1714	2	Where did (you/ or anyone in your household) keep this money? In other accounts such as certificates of deposit, brokerage accounts, or savings bonds? EDITED UNIVERSE: S1711=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1183-1184
HES1715	2	Where did (you/ or anyone in your household) keep this money? Did you keep the savings in the home, or with family or friends? EDITED UNIVERSE:	1185-1186

		S1711=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	
HES1716	2	Where did (you/ or anyone in your household) keep this money? Did you buy something with the intent to pawn or sell later if necessary? EDITED UNIVERSE: S1711=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1187-1188
HES1717	2	Where did (you/ or anyone in your household) keep this money? Other (specify) EDITED UNIVERSE: S1711=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1189-1190
HES180	2	Which best describes your household's income over the past 12 months? EDITED UNIVERSE: S2=1,2	1191-1192

VALID ENTRIES:

-1 Not in Universe
1 Income is about the same each month
2 Income varies somewhat from month to month
3 Income varies a lot from month to month

HES181	2	Often times, households find that they are not able to keep up with their bills. Over the last 12 months, was there a time when (you/ or someone else in your household) fell behind on bill payments?	1193-1194

EDITED UNIVERSE:

S2=1,2

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES185	2	Do (you/ or someone else in your household) currently own or have regular access to a mobile phone?	1195-1196

EDITED UNIVERSE:

S2=1,2

VALID ENTRIES:

-1 Not in Universe
1 Yes
2 No

HES186	2	Are any of these mobile phones a smartphone with features to access the Internet, send emails, and download apps?	1197-1198

EDITED UNIVERSE:

		S185=1 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	
HES187	2	Do (you/ or someone else in your household) currently have regular access to the Internet at HOME, using a desktop, laptop, or tablet computer? EDITED UNIVERSE: S2=1,2 VALID ENTRIES: -1 Not in Universe 1 Yes 2 No	1199-1200
PXS2A	2	Allocation flag for PES2A VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1201-1202
PXS2B	2	Allocation flag for PES2B VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1203-1204

HXS2E	2	Allocation flag for HES2E VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1205-1206
HXS2G1	2	Allocation flag for HES2G1 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1207-1208
HXS2G2	2	Allocation flag for HES2G2 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1209-1210
HXS2G3	2	Allocation flag for HES2G3 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1211-1212
HXS2G4	2	Allocation flag for HES2G4 VALID ENTRIES:	1213-1214

		-1 Not in Universe 1 Allocated 0 Not Allocated	
HXS2G5	2	Allocation flag for HES2G5 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1215-1216
HXS2G6	2	Allocation flag for HES2G6 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1217-1218
HXS2G7	2	Allocation flag for HES2G7 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1219-1220
HXS2H	2	Allocation flag for HES2H VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1221-1222

HXS3	2	Allocation flag for HES3 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1223-1224
HXS4	2	Allocation flag for HES4 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1225-1226
HXS5A1	2	Allocation flag for HES5A1 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1227-1228
HXS5A2	2	Allocation flag for HES5A2 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1229-1230
HXS5B1	2	Allocation flag for HES5B1	1231-1232

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS5B2	2	Allocation flag for HES5B2	1233-1234

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS5C	2	Allocation flag for HES5C	1235-1236

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS5D	2	Allocation flag for HES5D	1237-1238

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS5E	2	Allocation flag for HES5E	1239-1240

VALID ENTRIES:

		-1 Not in Universe 1 Allocated 0 Not Allocated	
HXS5F	2	Allocation flag for HES5F VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1241-1242
HXS5G	2	Allocation flag for HES5G VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1243-1244
HXS5H	2	Allocation flag for HES5H VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1245-1246
HXS6	2	Allocation flag for HES6 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1247-1248

HXS7	2	Allocation flag for HES7 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1249-1250
HXS70	2	Allocation flag for HES70 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1251-1252
HXS71	2	Allocation flag for HES71 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1253-1254
HXS80A	2	Allocation flag for HES80A VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1255-1256
HXS80B	2	Allocation flag for HES80B	1257-1258

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS80C	2	Allocation flag for HES80C	1259-1260

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS80D	2	Allocation flag for HES80D	1261-1262

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS80E	2	Allocation flag for HES80E	1263-1264

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS80F	2	Allocation flag for HES80F	1265-1266

VALID ENTRIES:

-1 Not in Universe

		1 Allocated 0 Not Allocated	
HXS80G	2	Allocation flag for HES80G VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1267-1268
HXS110	2	Allocation flag for HES110 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1269-1270
HXS1111	2	Allocation flag for HES1111 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1271-1272
HXS1112	2	Allocation flag for HES1112 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1273-1274

HXS1113	2	Allocation flag for HES1113 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1275-1276
HXS1114	2	Allocation flag for HES1114 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1277-1278
HXS1115	2	Allocation flag for HES1115 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1279-1280
HXS1116	2	Allocation flag for HES1116 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1281-1282
HXS1121	2	Allocation flag for HES1121	1283-1284

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS1122	2	Allocation flag for HES1122	1285-1286

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS1123	2	Allocation flag for HES1123	1287-1288

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS1124	2	Allocation flag for HES1124	1289-1290

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS120	2	Allocation flag for HES120	1291-1292

VALID ENTRIES:

-1 Not in Universe

		1 Allocated 0 Not Allocated	
HXS121	2	Allocation flag for HES121 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1293-1294
HXS122	2	Allocation flag for HES122 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1295-1296
HXS123	2	Allocation flag for HES123 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1297-1298
HXS124	2	Allocation flag for HES124 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1299-1300

HXS126	2	Allocation flag for HES126 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1301-1302
HXS127	2	Allocation flag for HES127 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1303-1304
HXS125	2	Allocation flag for HES125 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1305-1306
HXS130	2	Allocation flag for HES130 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1307-1308
HXS1351	2	Allocation flag for HES1351	1309-1310

		VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	
HXS1352	2	Allocation flag for HES1352 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1311-1312
HXS1353	2	Allocation flag for HES1353 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1313-1314
HXS140A	2	Allocation flag for HES140A VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1315-1316
HXS140B	2	Allocation flag for HES140B VALID ENTRIES:	1317-1318

		-1 Not in Universe 1 Allocated 0 Not Allocated	
HXS140C	2	Allocation flag for HES140C VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1319-1320
HXS140D	2	Allocation flag for HES140D VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1321-1322
HXS140E	2	Allocation flag for HES140E VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1323-1324
HXS140X	2	Allocation flag for HES140X VALID ENTRIES:	1325-1326

		-1 Not in Universe 1 Allocated 0 Not Allocated	
HXS141	2	Allocation flag for HES141 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1327-1328
HXS150A	2	Allocation flag for HES150A VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1329-1330
HXS150B	2	Allocation flag for HES150B VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1331-1332
HXS150C	2	Allocation flag for HES150C VALID ENTRIES: -1 Not in Universe	1333-1334

		1 Allocated 0 Not Allocated	
HXS150D	2	Allocation flag for HES150D VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1335-1336
HXS150E	2	Allocation flag for HES150E VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1337-1338
HXS150F	2	Allocation flag for HES150F VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1339-1340
HXS150G	2	Allocation flag for HES150G VALID ENTRIES: -1 Not in Universe	1341-1342

		1 Allocated 0 Not Allocated	
HXS150H	2	Allocation flag for HES150H VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1343-1344
HXS150I	2	Allocation flag for HES150I VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1345-1346
HXS150X	2	Allocation flag for HES150X VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1347-1348
HXS1600A	2	Allocation flag for HES1600A VALID ENTRIES: -1 Not in Universe 1 Allocated	1349-1350

		0 Not Allocated	
HXS1600B	2	Allocation flag for HES1600B VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1351-1352
HXS1600C	2	Allocation flag for HES1600C VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1353-1354
HXS1600D	2	Allocation flag for HES1600D VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1355-1356
HXS1600E	2	Allocation flag for HES1600E VALID ENTRIES: -1 Not in Universe 1 Allocated	1357-1358

		0 Not Allocated	
HXS1600F	2	Allocation flag for HES1600F VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1359-1360
HXS1600G	2	Allocation flag for HES1600G VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1361-1362
HXS162	2	Allocation flag for HES162 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1363-1364
HXS163	2	Allocation flag for HES163 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1365-1366

HXS164	2	Allocation flag for HES164 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1367-1368
HXS170	2	Allocation flag for HES170 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1369-1370
HXS1711	2	Allocation flag for HES1711 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1371-1372
HXS1712	2	Allocation flag for HES1712 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1373-1374
HXS1713	2	Allocation flag for HES1713	1375-1376

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS1714	2	Allocation flag for HES1714	1377-1378

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS1715	2	Allocation flag for HES1715	1379-1380

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS1716	2	Allocation flag for HES1716	1381-1382

VALID ENTRIES:

-1 Not in Universe
1 Allocated
0 Not Allocated

HXS1717	2	Allocation flag for HES1717	1383-1384

VALID ENTRIES:

-1 Not in Universe

		1 Allocated 0 Not Allocated	
HXS180	2	Allocation flag for HES180 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1385-1386
HXS181	2	Allocation flag for HES181 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1387-1388
HXS185	2	Allocation flag for HES185 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1389-1390
HXS186	2	Allocation flag for HES186 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1391-1392

HXS187	2	Allocation flag for HES187 VALID ENTRIES: -1 Not in Universe 1 Allocated 0 Not Allocated	1393-1394
HHSUP WGT	10	Supplement weight for household (4 implied decimals)	1395-1404
PWSUP WGT	10	Supplement person weight (4 implied decimals)	1405-1414
PRSUPI NT	2	Supplement interview status EDITED UNIVERSE: HRINTSTA=1 VALID ENTRIES: -1 Not in Universe 1 Interview 2 Noninterview END OF RECORD	1415-1416

ATTACHMENT 8

SUPPLEMENT QUESTIONNAIRE

June 2017 Unbanked/Underbanked Supplement

INTRO

May I please speak to someone who participates in making financial decisions in your household?

(1-16, Refuse)

PRESUP

I'd like to ask you some questions about household finances.

S1

Which of the following best describes your household finances? Do the adults…

(1) Share all finances
(2) Share some finances
(3) Share no finances at all
(4) I am the only adult in the household (Volunteered)

(D) Don't Know
(R) Refused

S1a

How much do you participate in making financial decisions for your household?

(1) A lot
(2) Some
(3) Not at all
(D) Don't Know
(R) Refused

S2

Do you or does anyone else in your household have a checking or savings account now?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S2a

Who is that? (Enter Line Number)

(1-16)

(D) Don't Know
(R) Refused

S2b

What type or types of accounts (do/does) (you/Name) have?
(Asked for each adult (15+) in the household)

(1) Only checking accounts
(2) Only savings accounts
(3) Or both checking and savings accounts
(4) Other (Volunteered)

(D) Don't Know
(R) Refused

S2bs

Other Specify

S2e

In the past 12 months, that is since June 2016, was there any time when no one in your household had an account?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S2g

In the past 12 months, have you or anyone in your household accessed an account in any of the following ways? (Mark all that apply)

(1) Bank teller
(2) ATM or bank kiosk
(3) Telephone banking through phone call or automated voice or touch tone
(4) Online banking with a laptop, desktop computer, or tablet such as an iPad
(5) Mobile banking with text messaging, mobile app, or Internet browser or email on a mobile phone
(6) Other (Specify)
(7) Did not access an account in the past 12 months

(D) Don't Know
(R) Refused

S2gs

Other Specify

S2h

What was the most common way that you or anyone else in your household accessed an account?

(1) Bank teller
(2) ATM or bank kiosk
(3) Telephone banking through phone call or automated voice or touch tone
(4) Online banking with a laptop, desktop computer, or tablet such as an iPad
(5) Mobile banking with text messaging, mobile app, or Internet browser or email on a mobile phone
(6) Other (Specify)

(D) Don't Know
(R) Refused

S2hs

Other Specify

S3

Have you or anyone else in your household ever had a checking or savings account?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S4

Have you or anyone else in your household had a checking or savings account in the past 12 months, that is since June 2016?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S5

There are different reasons people might not have a checking or savings account. Do any of the following reasons apply to you or others in your household? Do you not have an account…

a1. Because bank hours are inconvenient?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

a2. Because bank locations are inconvenient?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

b1. Because bank account fees are too high?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

b2. Because bank account fees are unpredictable?
(1) Yes
(2) No

(D) Don't Know
(R) Refused

c. Banks do not offer products or services you need?
(1) Yes
(2) No

(D) Don't Know
(R) Refused

d. Don't trust banks
(1) Yes
(2) No

(D) Don't Know
(R) Refused

e. Because you do not have enough money to keep in an account?
(1) Yes
(2) No

(D) Don't Know
(R) Refused

f. Avoiding a bank gives more privacy?
(1) Yes
(2) No

(D) Don't Know
(R) Refused

g. Because you cannot open an account due to personal identification, credit, or former bank account problems?
(1) Yes
(2) No

(D) Don't Know
(R) Refused

h. Was there some other reason?
(1) Yes (Specify)
(2) No

(D) Don't Know
(R) Refused

S5hs

Other Specify

S6

What is the main reason why no one in your household has an account?

(1) Bank hours are inconvenient
(2) Bank locations are inconvenient
(3) Bank account fees are too high
(4) Bank account fees are unpredictable
(5) Banks do not offer products or services you need
(6) Don't trust banks
(7) Do not have enough money to keep in an account
(8) Avoiding banks gives more privacy
(9) Cannot open an account due to personal identification, credit, or former bank account problems
(10) Some other reason? (Specify)

(D) Don't Know
(R) Refused

S6s

Other Specify

S7

How likely is it that you or anyone in your household will open a checking or savings account within the next 12 months?

(1) Very likely
(2) Somewhat likely
(3) Not very likely
(4) Not likely at all

(D) Don't Know
(R) Refused

S70

In the past 12 months, have you or anyone else in your household spoken with a teller or other employee in person at a bank branch?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S71

How many times have you or someone else in your household spoken with a teller or other employee in person at a bank branch in the past 12 months?

(1) 1 to 4 times in the past 12 months
(2) 5 to 9 times in the past 12 months
(3) 10 or more times in the past 12 months

(D) Don't Know
(R) Refused

S80

The next questions ask about ways you or anyone else in your household might have used a mobile phone for banking activities.

a. In the past 12 months, have you or anyone else in your household used a mobile phone to check email from a bank about an account?
   (1) Yes
   (2) No

   (D) Don't Know
   (R) Refused

b. Received a mobile text alert or push notification from a bank about an account?
   (1) Yes
   (2) No

   (D) Don't Know
   (R) Refused

c. In the past 12 months, have you or anyone else in your household used a bank's mobile website or bank's mobile app to check a bank account balance or recent transactions?
   (1) Yes
   (2) No

   (D) Don't Know
   (R) Refused

d. Used a bank's mobile website or bank's mobile app to make a bill payment?
   (1) Yes
   (2) No

   (D) Don't Know
   (R) Refused

e. Used a bank's mobile website or bank's mobile app to send money to other people?
   (1) Yes
   (2) No

   (D) Don't Know
   (R) Refused

f. Used a bank's mobile website or bank's mobile app to transfer money between bank accounts owned by the same person?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

g. In the past 12 months, have you or anyone else in your household used a mobile phone's camera to deposit a check into a bank account?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S110

Now I have a question about prepaid cards. Prepaid cards allow you or others, like relatives or a government agency, to load funds that can later be spent. Prepaid cards also allow you to withdraw cash from ATMs. I am not asking about gift cards or debit cards linked to a checking account.

In the past 12 months, that is since June 2016, did you or anyone else in your household use any prepaid cards?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S111

Where did the prepaid cards that you used in the past 12 months come from? (*Mark all that apply.*)

(1) A bank location or bank's website
(2) A store or website that is not a bank
(3) A government agency
(4) Employer payroll card
(5) Family or friends
(6) Other (Specify)

(D) Don't Know
(R) Refused

S111s

Other Specify

S112

Thinking about the card(s) received from a government agency, why did you or others in your household have these card(s)? (*Mark all that apply.*)

(1) To receive Social Security or disability benefits
(2) To receive unemployment benefits
(3) To receive food or child care benefits like SNAP or WIC
(4) Other (Specify)

(D) Don't Know
(R) Refused

S112s

Other Specify

S120

Earlier, we asked about banks, including any bank, savings and loans institution, credit union, or brokerage firm. The next questions ask about going to places other than a bank for your financial services.

In the past 12 months, that is since June 2016, did you or anyone else in your household go to some place other than a bank to cash a check?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S121

In the past 12 months, did you or anyone else in your household go to some place other than a bank to purchase a money order?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S122

Did you or anyone else in your household take out a payday loan or payday advance from some place other than a bank in the past 12 months?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S123

Did you or anyone else in your household pawn an item at a pawn shop in the past 12 months? Do not include selling an unwanted item to a pawn shop.

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S124

In the past 12 months, that is since June 2016, did you or anyone else in your household take out a tax refund anticipation loan, or use a tax preparation service in order to receive your tax refund faster than the IRS would provide it?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S126

Auto title loans use a car title to borrow money for a short period of time. They are NOT loans used to purchase a car. In the past 12 months, did you (if OTHERS AGE≥15 FILL: or someone else in your household) take out an auto title loan?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S127

In the past 12 months, have you or anyone else in your household taken out <u>any other types of loans or lines of credit</u> from a payday lender, auto title lender, pawn shop, or check casher?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S125

Some stores allow people to rent to own items such as furniture or appliances. We do not mean stores that offer installment plans or layaway plans. In the past 12 months, did you or anyone else in your household rent anything from a rent-to-own store because it couldn't be financed any other way?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S130

In the last 12 months, that is since June 2016, did you (if OTHERS AGE≥15 FILL: or someone else in your household) send money to family or friends living outside of the US?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S135

When sending money abroad in the past last 12 months, did you (if OTHERS AGE≥15 FILL: or someone else in your household) use… (Mark all that apply.)

(1) A bank
(2) A place other than a bank

(3) Other (Specify)

(D) Don't Know
(R) Refused

S135s

Other Specify

S140a

The next few questions are about the different ways people receive income. People may receive income from work, retirement, government benefits, or other sources in a number of ways. Think about the ways your household has received income during a typical month, in the past 12 months.

In a typical month, have you or others in your household received income by paper check or money order?

(1) Yes
(2) No
(3) Did not receive income (VOLUNTEERED)

(D) Don't Know
(R) Refused

S140b

How about through direct deposit or electronic transfer into a bank account?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S140c

In a typical month, have you or others in your household received income through direct deposit or electronic transfer onto a prepaid card?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S140d

In a typical month, have you or others in your household received income in cash?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S140e

In a typical month, have you or others in your household received income in any other form?

(1) Yes (Specify)
(2) No

(D) Don't Know
(R) Refused

S140es

Other Specify

S140x

In the past 12 months, did you or others in your household receive any income from work, retirement, government benefits, or other sources?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S141

Think about the income you or others in your household received by paper check or money order in the past 12 months. Did you **typically** use some place other than a bank to cash the check or money order?

(1) Yes
(2) No
(D) Don't Know
(R) Refused

S150a

The next few questions are about the different ways people pay their monthly bills for things like mortgage, rent, utilities, or child care. Think about the ways your household has paid bills during a typical month in the past 12 months.

In a typical month, did you (if OTHERS AGE≥15 FILL: or someone else in your household) use cash to pay these types of bills?

(1) Yes
(2) No
(3) Did not pay bills in past 12 months (VOLUNTEERED)

(D) Don't Know
(R) Refused

S150b

How about using a personal check drawn on a bank account to pay bills?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S150c

How about using a debit card linked to a bank account to pay bills?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S150d

In a typical month, did you (if OTHERS AGE≥15 FILL: or someone else in your household) use a credit card to pay bills?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S150e

In a typical month, did you or someone in your household use a prepaid card to pay bills?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S150f

In a typical month, did you (if OTHERS AGE≥15 FILL: or someone else in your household) pay bills electronically from a bank account, either through online bill pay or direct withdrawal?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S150g

In a typical month, did you (if OTHERS AGE≥15 FILL: or someone else in your household) use a money order from a place other than a bank to pay bills?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S150h

How about using a cashier's check or money order from a bank to pay bills?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S150i

In a typical month, did you (if OTHERS AGE≥15 FILL: or someone else in your household) pay bills in any other way?

(1) Yes (Specify)
(2) No

(D) Don't Know
(R) Refused

S150is

Other Specify

S150x

In the past 12 months, did you or others in your household pay any bills for things like mortgage, rent, utilities, or child care?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S1600a

The next few questions are about how people borrow money or purchase items on credit. In the past 12 months, have you or anyone else in your household had any of the following?

A credit card from Visa, MasterCard, American Express, or Discover? Please do not include debit cards.

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S1600b

A store credit card that can only be used at that store? Please do not include gift cards.

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S1600

In the past 12 months, have you or anyone else in your household had an auto loan? [If YES to Q126, then FILL: This is different from an auto title loan.]

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S1600d

A mortgage or home equity loan or home equity line of credit?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S1600e

In the past 12 months, have you or anyone else in your household had a student loan?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S1600f

Other personal loans or lines of credit from a bank?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S1600g

Other personal loans or lines of credit from a company other than a bank? [If YES to Q124, then FILL: Please do not include refund anticipation loans or any loans from a payday lender, pawn shop, auto title lender, or check casher.] [If Q124 is NOT YES and any of Q122, Q123, Q126, or Q127 are YES, then FILL: Please do not include any loans from a payday lender, pawn shop, auto title lender, or check casher.]

(1) Yes (Specify who provided the loan)
(2) No

(D) Don't Know
(R) Refused

S1600gs

Yes (Specify who provided the loan)

S162

In the past 12 months, that is since June 2016, did you or someone else in your household apply for a new credit card, or a personal loan or line of credit at a bank?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S163

In the past 12 months, did any lender or creditor turn down your or someone else in your household's request for new credit or not give you as much credit as you applied for?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S164

Was there any time in the past 12 months that you or someone else in your household thought about applying for a new credit card, or a personal loan or line of credit at a bank, but changed your mind because you thought you might be turned down?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S170

The next few questions are about the different ways that people save their money. Even if you later spent it, did you or anyone in your household set aside any money in the past 12 months that could be used for unexpected expenses or emergencies? I'm only asking about funds that could be easily spent if necessary, and am not asking about retirement or other long-term savings.

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S171

Where did you or anyone in your household keep this money? (Mark all that apply)

(1) *(Read only for banked or recently unbanked)* In a checking account?
(2) *(Read only for banked or recently unbanked)* In a savings account?
(3) *(Read only for those with a prepaid card)* On a prepaid card?
(4) In other accounts such as certificates of deposit, brokerage accounts, or savings bonds?
(5) Did you keep the savings in the home, or with family or friends?
(6) Did you buy something with the intent to pawn or sell later if necessary?
(7) Other specify

(D) Don't Know
(R) Refused

S171s

Other Specify

S180

Which best describes your household's income over the past 12 months?

(1) Income is about the same each month

(2) Income varies somewhat from month to month
(3) Income varies a lot from month to month

(D) Don't Know
(R) Refused

S181

Often times, households find that they are not able to keep up with their bills. Over the last 12 months, was there a time when you or someone else in your household fell behind on bill payments?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S185

Do you or someone else in your household currently own or have regular access to a mobile phone?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S186

Are any of these mobile phones a smartphone with features to access the Internet, send emails, and download apps?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

S187

Do you or someone else in your household currently have regular access to the Internet at **home**, using a desktop, laptop, or tablet computer?

(1) Yes
(2) No

(D) Don't Know
(R) Refused

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

CODE	DESCRIPTION	INDUSTRY CODE
	Durable Goods Manufacturing	
2470	Pottery, ceramics, and related products manufacturing	32711
2480	Structural clay product manufacturing	32712
2490	Glass and glass product manufacturing	3272
2570	Cement, concrete, lime, and gypsum product manufacturing	3273, 3274
2590	Miscellaneous nonmetallic mineral product manufacturing	3279
2670	Iron and steel mills and steel product manufacturing	3311, 3312
2680	Aluminum production and processing	3313
2690	Nonferrous metal, except aluminum, production and processing	3314
2770	Foundries	3315
2780	Metal forgings and stampings	3321
2790	Cutlery and hand tool manufacturing	3322
2870	Structural metals, and tank and shipping container manufacturing	3323, 3324
2880	Machine shops; turned product; screw, nut and bolt manufacturing	3327
2890	Coating, engraving, heat treating and allied activities	3328
2970	Ordnance	332992 to 332995
2980	Miscellaneous fabricated metal products manufacturing	3325, 3326, 3329 exc. 332992, 332993, 332994, 332995
2990	Not specified metal industries	Part of 331 and 332
3070	Agricultural implement manufacturing	33311
3080	Construction, mining and oil field machinery manufacturing	33312, 33313
3095	Commercial and service industry machinery manufacturing	3333
3170	Metalworking machinery manufacturing	3335
3180	Engines, turbines, and power transmission equipment manufacturing	3336
3190	Machinery manufacturing, n.e.c.	Part of 333
3365	Computer and peripheral equipment manufacturing	3341
3370	Communications, audio, and video equipment manufacturing	3342, 3343
3380	Navigational, measuring, electromedical, and control instruments manufacturing	3345
3390	Electronic component and product manufacturing, n.e.c.	3344, 3346
3470	Household appliance manufacturing	3352
3490	Electrical lighting, equipment, and supplies manufacturing, n.e.c.	3351, 3353, 3359
3570	Motor vehicles and motor vehicle equipment manufacturing	3361, 3362, 3363
3580	Aircraft and parts manufacturing	336411 to 336413
3590	Aerospace products and parts manufacturing	336414, 336415, 336419
3670	Railroad rolling stock manufacturing	3365
3680	Ship and boat building	3366
3690	Other transportation equipment manufacturing	3369

CODE	DESCRIPTION	INDUSTRY CODE
3770	Sawmills and wood preservation	3211
3780	Veneer, plywood, and engineered wood products	3212
3790	Prefabricated wood buildings and mobile homes	321991, 321992
3875	Miscellaneous wood products	3219 exc. 321991, 321992
3895	Furniture and related product manufacturing	337
3960	Medical equipment and supplies manufacturing	3391
3970	Toys, amusement, and sporting goods manufacturing	33992, 33993
3980	Miscellaneous manufacturing, n.e.c.	3399 exc. 33992, 33993
3990	Not specified manufacturing industries	Part of 31, 32, 33
	Wholesale Trade	
	Durable Goods Wholesale	
4070	Motor vehicles, parts and supplies, merchant wholesalers	4231
4080	Furniture and home furnishing, merchant wholesalers	4232
4090	Lumber and other construction materials, merchant wholesalers	4233
4170	Professional and commercial equipment and supplies, merchant wholesalers	4234
4180	Metals and minerals, except petroleum, merchant wholesalers	4235
4195	Electrical goods, merchant wholesalers	4236
4265	Hardware, plumbing and heating equipment, and supplies, merchant wholesalers	4237
4270	Machinery, equipment, and supplies, merchant wholesalers	4238
4280	Recyclable material, merchant wholesalers	42393
4290	Miscellaneous durable goods, merchant wholesalers	4239 exc. 42393
	Nondurable Goods Wholesale	
4370	Paper and paper products, merchant wholesalers	4241
4380	Drugs, sundries, and chemical and allied products, merchant wholesalers	4242, 4246
4390	Apparel, fabrics, and notions, merchant wholesalers	4243
4470	Groceries and related products, merchant wholesalers	4244
4480	Farm product raw materials, merchant wholesalers	4245
4490	Petroleum and petroleum products, merchant wholesalers	4247
4560	Alcoholic beverages, merchant wholesalers	4248
4570	Farm supplies, merchant wholesalers	42491
4580	Miscellaneous nondurable goods, merchant wholesalers	4249 exc. 42491
4585	Wholesale electronic markets, agents and brokers	4251
4590	Not specified wholesale trade	Part of 42

CODE	DESCRIPTION	INDUSTRY CODE
	Retail Trade	
4670	Automobile dealers	4411
4680	Other motor vehicle dealers	4412
4690	Auto parts, accessories, and tire stores	4413
4770	Furniture and home furnishings stores	442
4780	Household appliance stores	443111
4795	Radio, TV, and computer stores	443112, 44312
4870	Building material and supplies dealers	4441 exc. 44413
4880	Hardware stores	44413
4890	Lawn and garden equipment and supplies stores	4442
4970	Grocery stores	4451
4980	Specialty food stores	4452
4990	Beer, wine, and liquor stores	4453
5070	Pharmacies and drug stores	4461
5080	Health and personal care, except drug, stores	446 exc. 44611
5090	Gasoline stations	447
5170	Clothing and accessories, except shoe, stores	448 exc. 44821, 4483
5180	Shoe stores	44821
5190	Jewelry, luggage, and leather goods stores	4483
5275	Sporting goods, camera, and hobby and toy stores	44313, 45111, 45112
5280	Sewing, needlework, and piece goods stores	45113
5295	Music stores	45114, 45122
5370	Book stores and news dealers	45121
5380	Department stores and discount stores	45211
5390	Miscellaneous general merchandise stores	4529
5470	Retail florists	4531
5480	Office supplies and stationery stores	45321
5490	Used merchandise stores	4533
5570	Gift, novelty, and souvenir shops	45322
5580	Miscellaneous retail stores	4539
5590	Electronic shopping	454111
5591	Electronic auctions	454112
5592	Mail order houses	454113
5670	Vending machine operators	4542
5680	Fuel dealers	45431
5690	Other direct selling establishments	45439
5790	Not specified retail trade	Part of 44, 45

CODE	DESCRIPTION	INDUSTRY CODE
	Transportation and Warehousing	
6070	Air transportation	481
6080	Rail transportation	482
6090	Water transportation	483
6170	Truck transportation	484
6180	Bus service and urban transit	4851, 4852, 4854, 4855, 4859
6190	Taxi and limousine service	4853
6270	Pipeline transportation	486
6280	Scenic and sightseeing transportation	487
6290	Services incidental to transportation	488
6370	Postal Service	491
6380	Couriers and messengers	492
6390	Warehousing and storage	493
	Information	
6470	Newspaper publishers	51111
6480	Publishing, except newspapers and software	5111 exc. 51111
6490	Software publishing	5112
6570	Motion pictures and video industries	5121
6590	Sound recording industries	5122
6670	Radio and television broadcasting and cable	515
6672	Internet Publishing and Broadcasting	51913
6680	Wired telecommunications carriers	5171
6690	Other telecommunications services	517 exc. 5171
6695	Data processing, hosting, and related services	518
6770	Libraries and archives	51912
6780	Other information services	5191 exc. 51912, 51913
	Finance, Insurance, Real Estate, and Rental and Leasing	
	Finance and Insurance	
6870	Banking and related activities	521, 52211, 52219
6880	Savings institutions, including credit unions	52212, 52213
6890	Non-depository credit and related activities	5222, 5223
6970	Securities, commodities, funds, trusts, and other financial investments	523, 525
6990	Insurance carriers and related activities	524

CODE	DESCRIPTION	INDUSTRY CODE
	Real Estate and Rental and Leasing	
7070	Real estate	531
7080	Automotive equipment rental and leasing	5321
7170	Video tape and disk rental	53223
7180	Other consumer goods rental	53221, 53222, 53229, 5323
7190	Commercial, industrial, and other intangible assets rental and leasing	5324, 533
	Professional, Scientific, Management, Administrative, and Waste management services	
	Professional, Scientific, and Technical Services	
7270	Legal services	5411
7280	Accounting, tax preparation, bookkeeping, and payroll services	5412
7290	Architectural, engineering, and related services	5413
7370	Specialized design services	5414
7380	Computer systems design and related services	5415
7390	Management, scientific, and technical consulting services	5416
7460	Scientific research and development services	5417
7470	Advertising and related services	5418
7480	Veterinary services	54194
7490	Other professional, scientific, and technical services	5419 exc. 54194
	Management, Administrative and Support, and Waste Management Services	
	Management of companies and enterprises	
7570	Management of companies and enterprises	551
	Administrative and support and waste management services	
7580	Employment services	5613
7590	Business support services	5614
7670	Travel arrangements and reservation services	5615
7680	Investigation and security services	5616
7690	Services to buildings and dwellings	5617 exc. 56173
	(except cleaning during construction and immediately after construction)	7770
7770	Landscaping services	56173
7780	Other administrative and other support services	5611, 5612, 5619
7790	Waste management and remediation services	562

CODE	DESCRIPTION	INDUSTRY CODE
Educational, Health and Social Services		
	Educational Services	
7860	Elementary and secondary schools	6111
7870	Colleges and universities, including junior colleges	6112, 6113
7880	Business, technical, and trade schools and training	6114, 6115
7890	Other schools, instruction, and educational services	6116, 6117
	Health Care and Social Assistance	
7970	Offices of physicians	6211
7980	Offices of dentists	6212
7990	Offices of chiropractors	62131
8070	Offices of optometrists	62132
8080	Offices of other health practitioners	6213 exc. 62131, 62132
8090	Outpatient care centers	6214
8170	Home health care services	6216
8180	Other health care services	6215, 6219
8190	Hospitals	622
8270	Nursing care facilities	6231
8290	Residential care facilities, without nursing	6232, 6233, 6239
8370	Individual and family services	6241
8380	Community food and housing, and emergency services	6242
8390	Vocational rehabilitation services	6243
8470	Child day care services	6244
Arts, Entertainment, Recreation, Accommodation, and Food Services		
	Arts, Entertainment, and Recreation	
8560	Independent artists, performing arts, spectator sports, and related industries	711
8570	Museums, art galleries, historical sites, and similar institutions	712
8580	Bowling centers	71395
8590	Other amusement, gambling, and recreation industries	713 exc. 71395
	Accommodation and Food Service	
8660	Traveler accommodation	7211
8670	Recreational vehicle parks and camps, and rooming and boarding houses	7212, 7213
8680	Restaurants and other food services	722 exc. 7224
8690	Drinking places, alcoholic beverages	7224

CODE	DESCRIPTION	INDUSTRY CODE
	Other Services (Except Public Administration)	
8770	Automotive repair and maintenance	8111 exc. 811192
8780	Car washes	811192
8790	Electronic and precision equipment repair and maintenance	8112
8870	Commercial and industrial machinery and equipment repair and maintenance	8113
8880	Personal and household goods repair and maintenance and footwear and leather goods repair	8114
8970	Barber shops	812111
8980	Beauty salons	812112
8990	Nail salons and other personal care services	812113, 81219
9070	Dry cleaning and laundry services	8123
9080	Funeral homes, cemeteries, and crematories	8122
9090	Other personal services	8129
9160	Religious organizations	8131
9170	Civic, social, advocacy organizations, and grant making and giving services	8132, 8133, 8134
9180	Labor unions	81393
9190	Business, professional, political, and similar organizations	8139 exc. 81393
9290	Private households	814
	Public Administration	
9370	Executive offices and legislative bodies	92111, 92112, 92114, pt. 92115
9380	Public finance activities	92113
9390	Other general government and support	92119
9470	Justice, public order, and safety activities	922, pt. 92115
9480	Administration of human resource programs	923
9490	Administration of environmental quality and housing programs	924, 925
9570	Administration of economic programs and space research	926, 927
9590	National security and international affairs	925
	Armed Forces	
9890	Armed Forces	9281

Detailed Industry Recodes (01-52)

These codes correspond to Items PRDTIND1 and PRDTIND2 in positions 472-475 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTIND and are located in positions 209-210.

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture	0170 - 0180, 0290
2	Forestry, logging, fishing, hunting, and trapping	0190 - 0280
3	Mining	0370 - 0490
4	Construction	0770
5	Nonmetallic mineral products	2470 - 2590
6	Primary metals and fabricated metal products	2670 - 2990
7	Machinery manufacturing	3070 - 3290
8	Computer and electronic products	3365 - 3390
9	Electrical equipment, appliance manufacturing	3470, 3490
10	Transportation equipment manufacturing	3570 - 3690
11	Wood products	3770 - 3875
12	Furniture and fixtures manufacturing	3895
13	Miscellaneous and not specified manufacturing	3960 - 3990
14	Food manufacturing	1070 - 1290
15	Beverage and tobacco products	1370, 1390
16	Textile, apparel, and leather manufacturing	1470 - 1790
17	Paper and printing	1870 - 1990
18	Petroleum and coal products	2070, 2090
19	Chemical manufacturing	2170 - 2290
20	Plastics and rubber products	2370 - 2390
21	Wholesale trade	4070 - 4590
22	Retail trade	4670 - 5790
23	Transportation and warehousing	6070 - 6390
24	Utilities	0570 - 0690
25	Publishing industries (except internet)	6470 - 6490
26	Motion picture and sound recording industries	6570, 6590
27	Broadcasting (except internet)	6670
28	Internet publishing and broadcasting	6675
29	Telecommunications	6680, 6690
30	Internet service providers and data processing services	6692, 6695
31	Other information services	6770, 6780
32	Finance	6870 - 6970
33	Insurance	6990
34	Real estate	7070
35	Rental and leasing services	7080 - 7190
36	Professional and technical services	7270 – 7490
37	Management of companies and enterprises	7570
38	Administrative and support services	7580 - 7780
39	Waste management and remediation services	7790
40	Educational services	7860 - 7890
41	Hospitals	8190
42	Health care services, except hospitals	7970 - 8180

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

Major Industry Recodes
(01-14)

These codes correspond to Items PRMJIND1 and PRMJIND2 located in positions 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJIND and are located in positions 207-208.

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

APPENDIX 10

OCCUPATION CLASSIFICATION

(Beginning May 2012)

These categories are aggregated into 23 detailed groups and 11 major groups (see pages 10-13 and 10-14).The codes in the right hand column are the 2010 SOC equivalent.

These codes correspond to items PEIO1OCD and PEIO2OCD in positions 860-863 and 868-871 of the Basic CPS record layout in all months. In **ASEC**, these codes correspond to items PEIOOCC and OCCUP located in positions 172-172 and 296-299 of the Persons Record. These codes are also applicable for any other CPS supplements that collect occupation data.

2010 CENSUS CODE	DESCRIPTION	2010 SOC CODE
	Management Occupations	
0010	Chief executives	11-1011
0020	General and operations managers	11-1021
0040	Advertising and promotions managers	11-2011
0050	Marketing and sales managers	11-2020
0060	Public relations managers	11-2031
0100	Administrative services managers	11-3011
0110	Computer and information systems managers	11-3021
0120	Financial managers	11-3031
0135	Compensation and benefits managers	11-3111
0136	Human resources managers	11-3121
0137	Training and development managers	11-3131
0140	Industrial production managers	11-3051
0150	Purchasing managers	11-3061
0160	Transportation, storage, and distribution managers	11-3071
0205	Farmers, ranchers, and other agricultural managers	11-9013
0220	Construction managers	11-9021
0230	Education administrators	11-9030
0300	Engineering managers	11-9041
0310	Food service managers	11-9051
0330	Gaming managers	11-9071
0340	Lodging managers	11-9081
0350	Medical and health services managers	11-9111
0360	Natural sciences managers	11-9121
0410	Property, real estate, and community association managers	11-9141
0420	Social and community service managers	11-9151
0425	Emergency management directors	11-9161

2010 CENSUS CODE	DESCRIPTION	2010 SOC CODE
0430	Managers, all other	11-XXXX
	Business and Financial Operations Occupations	
	Business Operations Specialists	
0500	Agents and business managers of artists, performers, and athletes	13-1011
0510	Purchasing agents and buyers, farm products	13-1021
0520	Wholesale and retail buyers, except farm products	13-1022
0530	Purchasing agents, except wholesale, retail, and farm products	13-1023
0540	Claims adjusters, appraisers, examiners, and investigators	13-1030
0565	Compliance officers	13-1041
0600	Cost estimators	13-1051
0630	Human resource workers	13-1070
0640	Compensation, benefits, and job analysis specialists	13-1141
0650	Training and development specialists	13-1151
0700	Logisticians	13-1081
0710	Management analysts	13-1111
0725	Meeting, convention, and event planners	13-1121
0726	Fundraisers	13-1131
0735	Market research analysts and marketing specialists	13-1161
0740	Business operations specialists, all other	13-1199
	Financial Specialists	
0800	Accountants and auditors	13-2011
0810	Appraisers and assessors of real estate	13-2021
0820	Budget analysts	13-2031
0830	Credit analysts	13-2041
0840	Financial analysts	13-2051
0850	Personal financial advisors	13-2052
0860	Insurance underwriters	13-2053
0900	Financial examiners	13-2061
0910	Loan counselors and officers	13-2070
0930	Tax examiners, collectors, and revenue agents	13-2081
0940	Tax prepares	13-2082
0950	Financial specialists, all other	13-2099
	Computer and Mathematical Occupations	
1005	Computer and information research scientists	15-1111
1006	Computer systems analysts	15-1121
1007	Information security analysts	15-1122
1010	Computer programmers	15-1131
1020	Software developers, applications and systems software	15-113X
1030	Web developers	15-1134
1050	Computer support specialists	15-1150
1060	Database administrators	15-1141
1105	Network and computer systems administrators	15-1142
1106	Computer network architects	15-1143

1107	Computer occupations, all other	15-1199
1200	Actuaries	15-2011
1220	Operations research analysts	15-20XX
1240	Mathematicians, statisticians and miscellaneous mathematical science occupations	

Architecture and Engineering Occupations

1300	Architects, except naval	17-1010
1310	Surveyors, cartographers, and photogrammetrists	17-1020
1320	Aerospace engineers	17-2011
1340	Agricultural and biomedical engineers	17-20XX
1350	Chemical engineers	17-2041
1360	Civil engineers	17-2051
1400	Computer hardware engineers	17-2061
1410	Electrical and electronic engineers	17-2070
1420	Environmental engineers	17-2081
1430	Industrial engineers, including health and safety	17-2110
1440	Marine engineers and naval architects	17-2121
1450	Materials engineers	17-2131
1460	Mechanical engineers	17-2141
1500	Mining and geological engineers, including mining safety engineers	17-2151
1510	Nuclear engineers	17-2161
1520	Petroleum engineers	17-2171
1530	Engineers, all other	17-2199
1540	Drafters	17-3010
1550	Engineering technicians, except drafters	17-3020
1560	Surveying and mapping technicians	17-3031

Life, Physical, and Social Science Occupations

1600	Agricultural and food scientists	19-1010
1610	Biological scientists	19-1020
1640	Conservation scientists and foresters	19-1030
1650	Medical scientists and life scientists, all other	19-10XX
1700	Astronomers and physicists	19-2010
1710	Atmospheric and space scientists	19-2021
1720	Chemists and materials scientists	19-2030
1740	Environmental scientists and geoscientists	19-2040
1760	Physical scientists, all other	19-2099
1800	Economists	19-3011
1820	Psychologists	19-3030
1840	Urban and regional planners	19-3051
1860	Miscellaneous social scientists, including survey researchers and sociologists	19-30XX
1900	Agricultural and food science technicians	19-4011
1910	Biological technicians	19-4021
1920	Chemical technicians	19-4031
1930	Geological and petroleum technicians	19-4041
1965	Miscellaneous life, physical, and social science technicians	

2010 CENSUS CODE	DESCRIPTION	2010 SOC CODE
	Community and Social Services Occupations	
2000	Counselors	21-1010
2010	Social workers	21-1020
2015	Probation officers and correctional treatment specialists	21-1092
2016	Social and human service assistants	21-1093
2025	Miscellaneous community and social service specialists, including health educators and community health workers	21-109X
2040	Clergy	21-2011
2050	Directors, religious activities and education	21-2021
2060	Religious workers, all other	21-2099
	Legal Occupations	
2100	Lawyers, Judges, magistrates, and other judicial workers	23-1011 23-1020
2105	Judicial law clerks	23-1012
2145	Paralegals and legal assistants	23-2011
2160	Miscellaneous legal support workers	23-2090
	Education, Training, and Library Occupations	
2200	Postsecondary teachers	25-1000
2300	Preschool and kindergarten teachers	25-2010
2310	Elementary and middle school teachers	25-2020
2320	Secondary school teachers	25-2050
2330	Special education teachers	25-2040
2340	Other teachers and instructors	25-3000
2400	Archivists, curators, and museum technicians	25-4010
2430	Librarians	25-4021
2440	Library technicians	25-4031
2540	Teacher assistants	25-9041
2550	Other education, training, and library workers	25-90XX
	Arts, Design, Entertainment, Sports, and Media Occupations	
2600	Artists and related workers	27-1010
2630	Designers	27-1020
2700	Actors	27-2011
2710	Producers and directors	27-2012
2720	Athletes, coaches, umpires, and related workers	27-2020
2740	Dancers and choreographers	27-2030
2750	Musicians, singers, and related workers	27-2040
2760	Entertainers and performers, sports and related workers, all other	27-2099
2800	Announcers	27-3010
2810	News analysts, reporters and correspondents	27-3020
2825	Public relations specialists	27-3031
2830	Editors	27-3041
2840	Technical writers	27-3042
2850	Writers and authors	27-3043

2860	Miscellaneous media and communication workers	27-3090
2900	Broadcast and sound engineering technicians and radio operators, and media and communication equipment workers, all other	27-40XX
2910	Photographers	27-4021
2920	Television, video, and motion picture camera operators and editors	27-4030

Healthcare Practitioners and Technical Occupations

3000	Chiropractors	29-1011
3010	Dentists	29-1020
3030	Dietitians and nutritionists	29-1031
3040	Optometrists	29-1041
3050	Pharmacists	29-1051
3060	Physicians and surgeons	29-1060
3110	Physician assistants	29-1071
3140	Audiologists	29-1181
3150	Occupational therapists	29-1122
3160	Physical therapists	29-1123
3200	Radiation therapists	29-1124
3210	Recreational therapists	29-1125
3220	Respiratory therapists	29-1126
3230	Speech-language pathologists	29-1127
3245	Exercise physiologists and therapists, all other	29-112X
3250	Veterinarians	29-1131
3255	Registered nurses	29-1141
3256	Nurse anesthetists	29-1151
3258	Nurse midwives and nurse practitioners	29-11XX
3260	Health diagnosing and treating practitioners, all other	29-1199
3300	Clinical laboratory technologists and technicians	29-2010
3310	Dental hygienists	29-2021
3320	Diagnostic related technologists and technicians	29-2030
3400	Emergency medical technicians and paramedics	29-2041
3420	Health diagnosing and treating practitioner support technicians	29-2050
3500	Licensed practical and licensed vocational nurses	29-2061
3510	Medical records and health information technicians	29-2071
3520	Opticians, dispensing	29-2081
3535	Miscellaneous health technologists and technicians	29-2090
3540	Other healthcare practitioners and technical occupations, including podiatrists	29-XXXX

Healthcare Support Occupations

3600	Nursing, psychiatric, and home health aides	31-1010
3610	Occupational therapist assistants and aides	31-2010
3620	Physical therapist assistants and aides	31-2020
3630	Massage therapists	31-9011
3640	Dental assistants	31-9091
3645	Medical assistants	31-9092
3646	Medical transcriptionists	31-9094
3647	Pharmacy aides	31-9095
3648	Veterinary assistants and laboratory animal caretakers	31-9096
3649	Phlebotomists	31-9097

2010 CENSUS CODE	DESCRIPTION	2010 SOC CODE
3655	Miscellaneous healthcare support occupations, including medical equipment preparers	31-909X
	Protective Service Occupations	
3700	First-line supervisors/managers of correctional officers	33-1011
3710	First-line supervisors/managers of police and detectives	33-1012
3720	First-line supervisors/managers of fire fighting and prevention workers	33-1021
3730	Supervisors, protective service workers, all other	33-1099
3740	Fire fighters	33-2011
3750	Fire inspectors	33-2020
3800	Bailiffs, correctional officers, and jailers	33-3010
3820	Detectives and criminal investigators	33-3021
3840	Miscellaneous law enforcement workers	33-30XX
3850	Police officers	33-3050
3900	Animal control workers	33-9011
3910	Private detectives and investigators	33-9021
3930	Security guards and gaming surveillance officers	33-9030
3940	Crossing guards	33-9091
3945	Transportation security screeners	33-9093
3955	Lifeguards and other recreational and all other protective service workers	33-909X
	Food Preparation and Serving Related Occupations	
4000	Chefs and head cooks	35-1011
4010	First-line supervisors/managers of food preparation and serving workers	35-1012
4020	Cooks	35-2010
4030	Food preparation workers	35-2021
4040	Bartenders	35-3011
4050	Combined food preparation and serving workers, including fast food	35-3021
4060	Counter attendants, cafeteria, food concession, and coffee shop	35-3022
4110	Waiters and waitresses	35-3031
4120	Food servers, nonrestaurant	35-3041
4130	Food preparation and serving related workers, all other including dining room and cafeteria attendants and bartender helpers	35-9011
4140	Dishwashers	35-9021
4150	Hosts and hostesses, restaurant, lounge, and coffee shop	35-9031
	Building and Grounds Cleaning and Maintenance Occupations	
4200	First-line supervisors/managers of housekeeping and janitorial workers	37-1011
4210	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	37-1012
4220	Janitors and building cleaners	31-201X
4230	Maids and housekeeping cleaners	37-2012
4240	Pest control workers	37-2021
4250	Grounds maintenance workers	37-3010

Personal Care and Service Occupations

4300	First-line supervisors/managers of gaming workers	39-1010
4320	First-line supervisors/managers of personal service workers	39-1021
4340	Animal trainers	39-2011
4350	Nonfarm animal caretakers	39-2021
4400	Gaming services workers	39-3010
4410	Motion picture projectionists	39-3021
4420	Ushers, lobby attendants, and ticket takers	39-3031
4430	Miscellaneous entertainment attendants and related workers	39-3090
4460	Embalmers and funeral attendants	39-40XX
4465	Morticians, undertakers, and funeral directors	39-4031
4500	Barbers	39-5011
4510	Hairdressers, hairstylists, and cosmetologists	39-5012
4520	Miscellaneous personal appearance workers	39-5090
4530	Baggage porters, bellhops, and concierges	39-6010
4540	Tour and travel guides	39-7010
4600	Child care workers	39-9011
4610	Personal and home care aides	39-9021
4620	Recreation and fitness workers	39-9030
4640	Residential advisors	39-9041
4650	Personal care and service workers, all other	39-9099

Sales and Related Occupations

4700	First-line supervisors/managers of retail sales workers	41-1011
4710	First-line supervisors/managers of non-retail sales workers	41-1012
4720	Cashiers	41-2010
4740	Counter and rental clerks	41-2021
4750	Parts salespersons	41-2022
4760	Retail salespersons	41-2031
4800	Advertising sales agents	41-3011
4810	Insurance sales agents	41-3021
4820	Securities, commodities, and financial services sales agents	41-3031
4830	Travel agents	41-3041
4840	Sales representatives, services, all other	41-3099
4850	Sales representatives, wholesale and manufacturing	41-4010
4900	Models, demonstrators, and product promoters	41-9010
4920	Real estate brokers and sales agents	41-9020
4930	Sales engineers	41-9031
4940	Telemarketers	41-9041
4950	Door-to-door sales workers, news and street vendors, and related workers	41-9091
4965	Sales and related workers, all other	41-9099

Office and Administrative Support Occupations

5000	First-line supervisors/managers of office and administrative support workers	43-1011
5010	Switchboard operators, including answering service	43-2011
5020	Telephone operators	43-2021
5030	Communications equipment operators, all other	43-2099

2010 CENSUS CODE	DESCRIPTION	2010 SOC CODE
5100	Bill and account collectors	43-3011
5110	Billing and posting clerks and machine operators	43-3021
5120	Bookkeeping, accounting, and auditing clerks	43-3031
5130	Gaming cage workers	43-3041
5140	Payroll and timekeeping clerks	43-3051
5150	Procurement clerks	43-3061
5160	Tellers	43-3071
5165	Financial clerks, all other	43-3099
5200	Brokerage clerks	43-4011
5220	Court, municipal, and license clerks	43-4031
5230	Credit authorizers, checkers, and clerks	43-4041
5240	Customer service representatives	43-4051
5250	Eligibility interviewers, government programs	43-4061
5260	File Clerks	43-4071
5300	Hotel, motel, and resort desk clerks	43-4081
5310	Interviewers, except eligibility and loan	43-4111
5320	Library assistants, clerical	43-4121
5330	Loan interviewers and clerks	43-4131
5340	New accounts clerks	43-4141
5350	Correspondence clerks and order clerks	43-4XXX
5360	Human resources assistants, except payroll and timekeeping	43-4161
5400	Receptionists and information clerks	43-4171
5410	Reservation and transportation ticket agents and travel clerks	43-4181
5420	Information and record clerks, all other	43-4199
5500	Cargo and freight agents	43-5011
5510	Couriers and messengers	43-5021
5520	Dispatchers	43-5030
5530	Meter readers, utilities	43-5041
5540	Postal service clerks	43-5051
5550	Postal service mail carriers	43-5052
5560	Postal service mail sorters, processors, and processing machine operators	43-5053
5600	Production, planning, and expediting clerks	43-5061
5610	Shipping, receiving, and traffic clerks	43-5071
5620	Stock clerks and order fillers	43-5081
5630	Weighers, measurers, checkers, and samplers, recordkeeping	43-5111
5700	Secretaries and administrative assistants	43-6010
5800	Computer operators	43-9011
5810	Data entry keyers	43-9021
5820	Word processors and typists	43-9022
5840	Insurance claims and policy processing clerks	43-9041
5850	Mail clerks and mail machine operators, except postal service	43-9051
5860	Office clerks, general	43-9061
5900	Office machine operators, except computer	43-9071
5910	Proofreaders and copy markers	43-9081
5920	Statistical assistants	43-9111
5940	Office and administrative support workers, including desktop publishers	

Farming, Fishing, and Forestry Occupations

6005	First-line supervisors of farming, fishing, and forestry workers	45-1011
6010	Agricultural inspectors	45-2011
6040	Graders and sorters, agricultural products	45-2041
6050	Miscellaneous agricultural workers, including animal breeders	45-20XX
6100	Fishing and hunting workers	45-3000
6120	Forest and conservation workers	45-4011
6130	Logging workers	45-4020

Construction Trades

6200	First-line supervisors/managers of construction trades and extraction workers	47-1011
6210	Boilermakers	47-2011
6220	Brickmasons, blockmasons, and stonemasons	47-2020
6230	Carpenters	47-2031
6240	Carpet, floor, and tile installers and finishers	47-2040
6250	Cement masons, concrete finishers, and terrazzo workers	47-2050
6260	Construction laborers	47-2061
6300	Paving, surfacing, and tamping equipment operators	47-2071
6320	Construction equipment operators, except Paving, surfacing, and tamping equipment operators	47-207X
6330	Drywall installers, ceiling tile installers, and tapers	47-2080
6355	Electricians	47-2111
6360	Glaziers	47-2121
6400	Insulation workers	47-2130
6420	Painters, construction and maintenance and paperhangers	47-214X
6440	Pipelayers, plumbers, pipefitters, and steamfitters	47-2150
6460	Plasterers and stucco masons	47-2161
6500	Reinforcing iron and rebar workers	47-2171
6515	Roofers	47-2181
6520	Sheet metal workers	47-2211
6530	Structural iron and steel workers	47-2221
6600	Helpers, construction trades	47-3010
6660	Construction and building inspectors	47-4011
6700	Elevator installers and repairers	47-4021
6710	Fence erectors	47-4031
6720	Hazardous materials removal workers	47-4041
6730	Highway maintenance workers	47-4051
6740	Rail-track laying and maintenance equipment operators	47-4061
6750	Septic tank servicers and sewer pipe cleaners	47-4071
6765	Miscellaneous construction and related workers, including photovoltaic installers	

Extraction Workers

6800	Derrick, rotary drill, and service unit operators, oil, gas, and mining	47-5010
6820	Earth drillers, except oil and gas	47-5021
6830	Explosives workers, ordnance handling experts, and blasters	47-5031
6840	Mining machine operators	47-5040
6920	Roustabouts, oil and gas	47-5071
6940	Other extraction workers, including roof bolters and helpers	47-50XX

2010 CENSUS CODE	DESCRIPTION	2010 SOC CODE
	Installation, Maintenance, and Repair Workers	
7000	First-line supervisors/managers of mechanics, installers, and repairers	49-1011
7010	Computer, automated teller, and office machine repairers	49-2011
7020	Radio and telecommunications equipment installers and repairers	49-2020
7030	Avionics technicians	49-2091
7040	Electric motor, power tool, and related repairers	49-2092
7100	Electrical and electronics repairers, transportation equipment, industrial and utility	49-209X
7110	Electronic equipment installers and repairers, motor vehicles	49-2096
7120	Electronic home entertainment equipment installers and repairers	49-2097
7130	Security and fire alarm systems installers	49-2098
7140	Aircraft mechanics and service technicians	49-3011
7150	Automotive body and related repairers	49-3021
7160	Automotive glass installers and repairers	49-3022
7200	Automotive service technicians and mechanics	49-3023
7210	Bus and truck mechanics and diesel engine specialists	49-3031
7220	Heavy vehicle and mobile equipment service technicians and mechanics	49-3040
7240	Small engine mechanics	49-3050
7260	Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	49-3090
7300	Control and valve installers and repairers	49-9010
7315	Heating, air conditioning, and refrigeration mechanics and installers	49-9021
7320	Home appliance repairers	49-9031
7330	Industrial and refractory machinery mechanics	49-904X
7340	Maintenance and repair workers, general	49-9071
7350	Maintenance workers, machinery	49-9043
7360	Millwrights	49-9044
7410	Electrical power-line installers and repairers	49-9051
7420	Telecommunications line installers and repairers	49-9052
7430	Precision instrument and equipment repairers	49-9060
7510	Coin, vending, and amusement machine servicers and repairers	49-9091
7540	Locksmiths and safe repairers	49-9094
7550	Manufactured building and mobile home installers	49-9095
7560	Riggers	49-9096
7610	Helpers--installation, maintenance, and repair workers	49-9098
7630	Other installation, maintenance, and repair workers, including wind turbine service technicians, commercial divers, and signal and train switch repairers	49-909X
	Production Occupations	
7700	First-line supervisors/managers of production and operating workers	51-1011
7710	Aircraft structure, surfaces, rigging, and systems assemblers	51-2011
7720	Electrical, electronics, and electromechanical assemblers	51-2020
7730	Engine and other machine assemblers	51-2031
7740	Structural metal fabricators and fitters	51-2041
7750	Miscellaneous assemblers and fabricators	51-2090
7800	Bakers	51-3011
7810	Butchers and other meat, poultry, and fish processing workers	51-3020
7830	Food and tobacco roasting, baking, and drying machine operators and tenders	51-3091
7840	Food batchmakers	51-3092

7850	Food cooking machine operators and tenders	51-3093
7855	Food processing workers, all other	51-3099
7900	Computer control programmers and operators	51-4010
7920	Extruding and drawing machine setters, operators, and tenders, metal and plastic	51-4021
7940	Rolling machine setters, operators, and tenders and forging machine setters, operators, and tenders, metal and plastic	51-402X
7950	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	51-4031
8000	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	51-4033
8010	Lathe and turning machine tool setters, operators, and tenders, metal and plastic	51-4034
8030	Machinists	51-4041
8040	Metal furnace and kiln operators and tenders	51-4050
8100	Molders and molding machine setters, operators, and tenders, metal and plastic	51-4070
8130	Tool and die makers	51-4111
8140	Welding, soldering, and brazing workers	51-4120
8200	Plating and coating machine setters, operators, and tenders, metal and plastic	51-4193
8210	Tool grinders, filers, and sharpeners	51-4194
8220	Metalworkers and plastic workers, all other	51-4XXX
8250	Prepress technicians and workers	51-5111
8255	Printing press operators	51-5112
8256	Print binding and finishing workers	51-5113
8300	Laundry and dry-cleaning workers	51-6011
8310	Pressers, textile, garment, and related materials	51-6021
8320	Sewing machine operators	51-6031
8330	Shoe and leather workers and repairers	51-6041
8350	Tailors, dressmakers, and sewers	51-6050
8400	Textile cutting machine setters, operators, and tenders	51-6062
8410	Textile knitting and weaving machine setters, operators, and tenders	51-6063
8420	Textile winding, twisting, and drawing out machine setters, operators and tenders	51-6064
8450	Upholsterers	51-6093
8460	Miscellaneous textile, apparel, and furnishings workers, except upholsterers	51-60XX
8500	Cabinetmakers and bench carpenters	51-7011
8510	Furniture finishers	51-7021
8530	Sawing machine setters, operators, and tenders, wood	51-7041
8540	Woodworking machine setters, operators, and tenders, except sawing	51-7042
8550	Miscellaneous woodworkers, including model makers and pattern makers	51-70XX
8600	Power plant operators, distributors, and dispatchers	51-8010
8610	Stationary engineers and boiler operators	51-8021
8620	Water and liquid waste treatment plant and system operators	51-8031
8630	Miscellaneous plant and system operators	51-8090
8640	Chemical processing machine setters, operators, and tenders	51-9010
8650	Crushing, grinding, polishing, mixing, and blending workers	51-9020
8710	Cutting workers	51-9030
8720	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	51-9041
8730	Furnace, kiln, oven, drier, and kettle operators and tenders	51-9051
8740	Inspectors, testers, sorters, samplers, and weighers	51-9061
8750	Jewelers and precious stone and metal workers	51-9071
8760	Medical, dental, and ophthalmic laboratory technicians	51-9080
8800	Packaging and filling machine operators and tenders	51-9111
8810	Painting workers	51-9120
8830	Photographic process workers and processing machine operators	51-9130

2010 CENSUS CODE	DESCRIPTION	2010 SOC CODE
8850	Cementing and gluing machine operators and tenders	51-9191
8860	Cleaning, washing, and metal pickling equipment operators and tenders	51-9192
8910	Etchers and engravers	51-9194
8920	Molders, shapers, and casters, except metal and plastic	51-9195
8930	Paper goods machine setters, operators, and tenders	51-9196
8940	Tire builders	51-9197
8950	Helpers--production workers	51-9198
8965	Production workers, including semiconductor processors and cooling and freezing equipment operators	51-91XX
	Transportation and Material Moving Occupations	
9000	Supervisors, transportation and material moving workers	53-1000
9030	Aircraft pilots and flight engineers	53-2010
9040	Air traffic controllers and airfield operations specialists	53-2020
9110	Ambulance drivers and attendants, except emergency medical technicians	53-3011
9120	Bus drivers	53-3020
9130	Driver/sales workers and truck drivers	53-3030
9140	Taxi drivers and chauffeurs	53-3041
9150	Motor vehicle operators, all other	53-3099
9200	Locomotive engineers and operators	53-4010
9240	Railroad brake, signal, switch operators, conductors and yardmasters	53-40XX
9260	Subway, streetcar, and other rail transportation workers	53-30XX
9300	Sailors and marine oilers, and ship engineers	53-50XX
9310	Ship and boat captains and operators	53-5020
9350	Parking lot attendants	53-6021
9360	Service station attendants	53-6031
9410	Transportation inspectors	53-6051
9415	Transportation attendants, except flight attendants	53-6061
9420	Other transportation workers, including bridge and lock tenders	53-60XX
9510	Crane and tower operators	53-7021
9520	Dredge, excavating, and loading machine operators	53-7030
9560	Hoist and winch operators, and conveyor operators and tenders	53-70XX
9600	Industrial truck and tractor operators	53-7051
9610	Cleaners of vehicles and equipment	53-7061
9620	Laborers and freight, stock, and material movers, hand	53-7062
9630	Machine feeders and offbearers	53-7063
9640	Packers and packagers, hand	53-7064
9650	Pumping station operators	53-7070
9720	Refuse and recyclable material collectors	53-7081
9750	Material moving workers, including mine shuttle operators and tank car, truck, and ship loaders	53-71XX
	Armed Forces	
*9840	Armed Forces	

Detailed Occupation Recodes
(01-23)

These codes correspond to Items PRDTOCC1 and PRDTOCC2 in positions 476-479 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTOCC and are located in positions 161-162.

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management occupations	0010-0430
2	Business and financial operations occupations	0500-0950
3	Computer and mathematical science occupations	1000-1240
4	Architecture and engineering occupations	1300-1560
5	Life, physical, and social science occupations	1600-1965
6	Community and social service occupation	2000-2060
7	Legal occupations	2100-2160
8	Education, training, and library occupations	2200-2550
9	Arts, design, entertainment, sports, and media occupations	2600-2960
10	Healthcare practitioner and technical occupations	3000-3540
11	Healthcare support occupations	3600-3655
12	Protective service occupations	3700-3955
13	Food preparation and serving related occupations	4000-4160
14	Building and grounds cleaning and maintenance occupations	4200-4250
15	Personal care and service occupations	4300-4650
16	Sales and related occupations	4700-4965
17	Office and administrative support occupations	5000-5940
18	Farming, fishing, and forestry occupations	6000-6130
19	Construction and extraction occupations	6200-6940
20	Installation, maintenance, and repair occupations	7000-7630
21	Production occupations	7700-8965
22	Transportation and material moving occupations	9000-9750
23	Armed Forces	9840

Major Occupation Group Recodes
(01-11)

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

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management, business, and financial occupations	0010-0950
2	Professional and related occupations	1000-3540
3	Service occupations	3600-4650
4	Sales and related occupations	4700-4965
5	Office and administrative support occupations	5000-5940
6	Farming, fishing, and forestry occupations	6000-6130
7	Construction and extraction occupations	6200-6940
8	Installation, maintenance, and repair occupations	7000-7630
9	Production occupations	7700-8965
10	Transportation and material moving occupations	9000-9750
11	Armed Forces	9840

ATTACHMENT 11

Specific Metropolitan Identifiers

(Geographic Attachment for CPS Public Use File Documentation Beginning August, 2015)

List 1. FIPS Metropolitan Area (CBSA) Codes

List 2. FIPS Consolidated Statistical Area (CSA) Codes

List 3. Individual Principal Cities

List 4: FIPS County Codes

Unless otherwise noted, all definitions for geographic areas on these lists reflect the February 28, 2013 OMB definitions.

LIST 1: FIPS Metropolitan Area (CBSA) Codes

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

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

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

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

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

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

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

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

LIST 2: FIPS Consolidated Statistical Area (CSA) Codes

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

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

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

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

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

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

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

List 3: Individual Principal Cities

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

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

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

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

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

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

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

List 4: FIPS County Codes

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

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

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

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

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

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

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

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

FIPS County Code	County Name	State
035	Somerset	
037	Sussex	
039	Union	
	New Mexico	
001	Bernalillo	
013	Dona Ana	
045	San Juan	
049	Santa Fe	
	New York	
005	Bronx	
045	Jefferson	
047	Kings	
055	Monroe	
059	Nassau	
061	New York	
067	Onondaga	
069	Ontario	
071	Orange	
081	Queens	
085	Richmond	
087	Rockland	
091	Saratoga	
103	Suffolk	
119	Westchester	
	North Carolina	
001	Alamance	
021	Buncombe	
057	Davidson	
067	Forsyth	
119	Mecklenburg	
133	Onslow	
147	Pitt	

FIPS County Code	County Name	State
155	Robeson*	
159	Rowan	
179	Union	
191	Wayne	
	Ohio	
025	Clermont	
057	Greene	
085	Lake	
089	Licking	
095	Lucas	
103	Medina	
109	Miami	
113	Montgomery	
133	Portage	
153	Summit	
	Oregon	
017	Deschutes	
029	Jackson	
039	Lane	
	Pennsylvania	
003	Allegheny	
007	Beaver	
011	Berks	
017	Bucks	
019	Butler	
021	Cambria	
029	Chester	
043	Dauphin	
045	Delaware	
049	Erie	
055	Franklin	
071	Lancaster	

FIPS County Code	County Name	State
081	Lycoming	
085	Mercer	
089	Monroe	
091	Montgomery	
101	Philadelphia	
107	Schuylkill*	
125	Washington	
129	Westmoreland	
133	York	
	South Carolina	
041	Florence	
051	Horry	
083	Spartanburg	
091	York	
	Tennessee	
009	Blount	
093	Knox	
125	Montgomery	
165	Sumner	
189	Wilson	
	Texas	
041	Brazos	
061	Cameron	
135	Ector	
139	Ellis	
181	Grayson	
183	Gregg	
215	Hidalgo	
251	Johnson	
303	Lubbock	
309	McLennan	
423	Smith	

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

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

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

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

ATTACHMENT 12

Topcoding of Usual Hourly Earnings

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

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

Attachment 13

Selected Unweighted Person-Level Tallies from
June 2017 Unbanked/ Underbanked Supplement
(Supplement Eligible Households Only)

Item			Counts
HES1	1	The adults have shared finances	38,371
	2	The adults have some shared finances and some separate finances	11,635
	3	The adults have separate finances even though we share living space	5,561
	4	I am the only adult in the household –volunteered	2,283
	-1	Not in Universe	87,142
	-2	Don't Know	183
	-3	Refused	1,357
	-9	No Response	1,522
HES2	1	Yes	64,300
	2	No	3,480
	-1	Not in Universe	77,310
	-2	Don't Know	240
	-3	Refused	1,581
	-9	No Response	1,143
HES4	1	Within the last year	341
	2	More than 1 year ago	1,203
	-1	Not in Universe	146,510
HES6	1	Bank hours are inconvenient	138
	2	Bank locations are inconvenient	80
	3	Bank account fees are too high	287
	4	Bank account fees are unpredictable	52
	5	Banks do not offer products or services you need	63
	6	Don’t trust banks	479
	7	Do not have enough money to keep in an account	1,349
	8	Avoiding banks gives more privacy	126
	9	Cannot open an account due to personal identification, credit, or former bank account problems	155
	10	Was there some other reason? (Specify)	407
	-1	Not in Universe	144,918
HES120	1	Yes	4,358
	2	No	63,422
	-1	Not in Universe	80,274

HES130	1	Yes	4,144
	2	No	63,636
	-1	Not in Universe	80,274
HES141	1	Yes	1,170
	2	No	970
	-1	Not in Universe	145,914
HES1600A	1	Yes	48,051
	2	No	19,729
	-1	Not in Universe	80,274
HES170	1	Yes	40,588
	2	No	27,192
	-1	Not in Universe	80,274
HES180	1	Income is about the same each month	52,360
	2	Income varies somewhat from month to month	12,525
	3	Income varies a lot from month to month	2,895
	-1	Not in Universe	80,274
HES187	1	Yes	55,938
	2	No	11,842
	-1	Not in Universe	80,274

ATTACHMENT 14

COUNTRIES AND AREAS OF THE WORLD

Current Population Survey

Starting May 2012

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

Code	Name
246	Uzbekistan
247	Vietnam
248	Yemen
249	Asia, not specified
300	Bermuda
301	Canada
303	Mexico
310	Belize
311	Costa Rica
312	El Salvador
313	Guatemala
314	Honduras
315	Nicaragua
316	Panama
321	Antigua and Barbuda
323	Bahamas
324	Barbados
327	Cuba
328	Dominica
329	Dominican Republic
330	Grenada
332	Haiti
333	Jamaica
338	St. Kitts--Nevis
339	St. Lucia
340	St. Vincent and the Grenadines
341	Trinidad and Tobago
343	West Indies, not specified
360	Argentina
361	Bolivia
362	Brazil
363	Chile
364	Columbia
365	Ecuador
368	Guyana
369	Paraguay
370	Peru
372	Uruguay
373	Venezuela
374	South America, not specified
399	Americas, not specified
400	Algeria
407	Cameroon
408	Cape Verde
412	Congo
414	Egypt
416	Ethiopia
417	Eritrea
421	Ghana
423	Guinea
425	Ivory Coast
427	Kenya
429	Liberia
430	Libya
436	Morocco
440	Nigeria
444	Senegal
447	Sierra Leone
448	Somalia
449	South Africa
451	Sudan
453	Tanzania
454	Togo
457	Uganda
459	Zaire
460	Zambia
461	Zimbabwe
462	Africa, not specified
501	Australia
508	Fiji
511	Marshall Islands
512	Micronesia
515	New Zealand
523	Tonga
527	Samoa
555	Elsewhere

ATTACHMENT 15

ALLOCATION FLAGS

Current Population Survey

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

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

Attachment 16

Source of the Data and Accuracy of the Estimates for the June 2017 CPS Microdata File on the Unbanked/Underbanked

SOURCE OF DATA

The data in this microdata file are from the June 2017 Current Population Survey (CPS). The U.S. Census Bureau conducts the CPS every month, although this file has only June data. The June 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 Federal Deposit Insurance Corporation (FDIC) sponsors the supplemental questions for June.

Basic CPS. The monthly CPS collects primarily labor force data about the civilian noninstitutionalized population living in the United States. The institutionalized population, which is excluded from the population universe, is composed primarily of the population in correctional institutions and nursing homes (98 percent of the 4.0 million institutionalized people in Census 2010). Interviewers ask questions concerning labor force participation about each member 15 years old and over in sample households. Typically, the week containing the nineteenth of the month is the interview week. The week containing the twelfth is the reference week (i.e., the week about which the labor force questions are asked).

The CPS uses a multistage probability sample based on the results of the decennial census, with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. When files from the most recent decennial census become available, the Census Bureau gradually introduces a new sample design for the CPS.

Every ten years the CPS first stage sample is redesigned [1] reflecting changes based on the most recent decennial census. In the first stage of the sampling process, primary sampling units (PSUs)[2] were selected for sample. In the 2000 design, the United States was divided into 2,025 PSUs. These were then grouped into 824 strata and one PSU was selected for sample from each stratum. In the 2010 sample design, the United States was divided into 1,987 PSUs. These PSUs were then grouped into 852 strata. Within each stratum, a single PSU was chosen for the sample, with its probability of selection proportional to its population as of the most recent decennial census. In the case of strata consisting of only one PSU, the PSU was chosen with certainty.

In April 2014, the Census Bureau began phasing out the 2000 sample and replacing it with the 2010 sample, creating a mixed sampling frame. Two simultaneous changes occur during this phase-in period. First, within the PSUs selected for both the 2000 and 2010 designs, sample

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1 For detailed information on the 2000 sample redesign, please see reference [1].

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

households from the 2010 design gradually replace sample households from the 2000 design. Second, new PSUs selected for only the 2010 design gradually replace outgoing PSUs selected for only the 2000 design. By July 2015, the new 2010 sample design was completely implemented and the sample came entirely from the 2010 redesigned sample.

Approximately 74,000 housing units were selected for sample from the sampling frame in June. Based on eligibility criteria, 9 percent of these housing units were sent directly to computer-assisted telephone interviewing (CATI). The remaining units were assigned to interviewers for computer-assisted personal interviewing (CAPI).[3] Of all housing units in sample, about 61,000 were determined to be eligible for interview. Interviewers obtained interviews at about 52,000 of these units. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason.

June 2017 Supplement. In June 2017, in addition to the basic CPS questions, interviewers asked supplementary questions on household banking status, use of financial services, and use of alternative financial services like payday lending.

Estimation Procedure. This survey's estimation procedure adjusts weighted sample results to agree with independently derived population estimates of the civilian noninstitutionalized population of the United States and each state (including the District of Columbia). These population estimates, used as controls for the CPS, are prepared monthly to agree with the most current set of population estimates that are released as part of the Census Bureau's population estimates and projections program.

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

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

The population controls for the states are distributed by race (Black alone and all other race groups combined), age (0-15, 16-44, and 45 and over), and sex.

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

The net international migration component of the population estimates includes:

- Net international migration of the foreign born;
- Net migration between the United States and Puerto Rico;

[3] For further information on CATI and CAPI and the eligibility criteria, please see reference [2].

- Net migration of natives to and from the United States; and
- Net movement of the Armed Forces population to and from the United States.

Because the latest available information on these components lags the survey date, it is necessary to make short-term projections of these components to develop the estimate for the survey date.

ACCURACY OF THE ESTIMATES

A sample survey estimate has two types of error: sampling and nonsampling. The accuracy of an estimate depends on both types of error. The nature of the sampling error is known given the survey design; the full extent of the nonsampling error is unknown.

Sampling Error. Since the CPS estimates come from a sample, they may differ from figures from an enumeration of the entire population using the same questionnaires, instructions, and enumerators. For a given estimator, the difference between an estimate based on a sample and the estimate that would result if the sample were to include the entire population is known as sampling error. Standard errors, as calculated by methods described in "Standard Errors and Their Use," are primarily measures of the magnitude of sampling error. However, they may include some nonsampling error.

Nonsampling Error. For a given estimator, the difference between the estimate that would result if the sample were to include the entire population and the true population value being estimated is known as nonsampling error. There are several sources of nonsampling error that may occur during the development or execution of the survey. It can occur because of circumstances created by the interviewer, the respondent, the survey instrument, or the way the data are collected and processed. For example, errors could occur because:

- The interviewer records the wrong answer, the respondent provides incorrect information, the respondent estimates the requested information, or an unclear survey question is misunderstood by the respondent (measurement error).
- Some individuals who should have been included in the survey frame were missed (coverage error).
- Responses are not collected from all those in the sample or the respondent is unwilling to provide information (nonresponse error).
- Values are estimated imprecisely for missing data (imputation error).
- Forms may be lost, data may be incorrectly keyed, coded, or recoded, etc. (processing error).

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

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

Nonresponse. The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the nonresponse rate. For the June 2017 basic CPS, the household-level nonresponse rate was 14.4 percent. The household-level nonresponse rate for the Unbanked/Underbanked Supplement was an additional 27.0 percent. These two nonresponse rates lead to a combined supplement nonresponse rate of 37.5 percent. In accordance with Census Bureau and Office of Management and Budget Quality Standards, the Census Bureau will conduct a nonresponse bias analysis to assess nonresponse bias in the June 2017 Unbanked/Underbanked.

Sufficient Partial Interview. A sufficient partial interview is an incomplete interview in which the household or person answered enough of the questionnaire for the supplement sponsor to consider the interview complete. The remaining supplement questions may have been edited or imputed to fill in missing values. Insufficient partial interviews are considered to be nonrespondents. Refer to the supplement overview attachment in the technical documentation for the specific questions deemed critical by the sponsor as necessary to be answered in order to be considered a sufficient partial interview.

As part of the nonsampling error analysis, the item response rates, item refusal rates, and edits are reviewed. For the June 2017 Unbanked/Underbanked Supplement, the item refusal rates range from 0.0 percent to 2.2 percent. The item nonresponse rates range from 0.6 percent to 8.5 percent.

Coverage. The concept of coverage in the survey sampling process is the extent to which the total population that could be selected for sample "covers" the survey's target population. Missed housing units and missed people within sample households create undercoverage in the CPS. Overall CPS undercoverage for June 2017 is estimated to be about 11 percent. CPS coverage varies with age, sex, and race. Generally, coverage is larger for females than for males and larger for non-Blacks than for Blacks. This differential coverage is a general problem for most household-based surveys.

The CPS weighting procedure partially corrects for bias from undercoverage, but biases may still be present when people who are missed by the survey differ from those interviewed in ways other than age, race, sex, Hispanic origin, and state of residence. How this weighting procedure affects other variables in the survey is not precisely known. All of these considerations affect comparisons across different surveys or data sources.

A common measure of survey coverage is the coverage ratio, calculated as the estimated population before poststratification divided by the independent population control. Table 1 shows June 2017 CPS coverage ratios by age and sex for certain race and Hispanic groups. The CPS coverage ratios can exhibit some variability from month to month.

Table 1. CPS Coverage Ratios: June 2017											
Age group	All people	Total		White only		Black only		Residual race		Hispanic	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-15	0.87	0.88	0.86	0.92	0.90	0.76	0.74	0.80	0.81	0.83	0.82
16-19	0.86	0.86	0.86	0.89	0.88	0.74	0.76	0.80	0.82	0.81	0.83
20-24	0.75	0.73	0.77	0.78	0.82	0.57	0.65	0.67	0.62	0.69	0.76
25-34	0.82	0.79	0.85	0.83	0.90	0.62	0.71	0.72	0.72	0.70	0.82
35-44	0.90	0.88	0.92	0.90	0.94	0.77	0.84	0.87	0.90	0.77	0.88
45-54	0.90	0.88	0.92	0.92	0.95	0.73	0.82	0.77	0.84	0.85	0.87
55-64	0.92	0.92	0.93	0.93	0.94	0.83	0.86	0.91	0.89	0.83	0.86
65+	0.96	0.96	0.96	0.98	0.98	0.92	0.93	0.81	0.79	0.85	0.83
15+	0.89	0.87	0.90	0.90	0.93	0.74	0.80	0.79	0.81	0.78	0.84
0+	0.88	0.87	0.90	0.90	0.93	0.74	0.79	0.80	0.81	0.79	0.83

Notes: (1) The Residual race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.
(2) Hispanics may be any race. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

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

Data users should be careful when comparing the data from this microdata file, which reflects Census 2010-based controls, with microdata files from January 2003 through December 2011, which reflect 2000 census-based controls. Ideally, the same population controls should be used when comparing any estimates. In reality, the use of the same population controls is not practical when comparing trend data over a period of 10 to 20 years. Thus, when it is necessary to combine or compare data based on different controls or different designs, data users should be aware that changes in weighting controls or weighting procedures can create small differences between estimates. See the discussion following for information on comparing estimates derived from different controls or different sample designs.

Microdata files from previous years reflect the latest available census-based controls. Although the most recent change in population controls had relatively little impact on summary measures such as averages, medians, and percentage distributions, it did have a significant impact on levels. For example, use of Census 2010-based controls results in about a 0.2 percent increase from the 2000 census-based controls in the civilian noninstitutionalized population and in the

number of families and households. Thus, estimates of levels for data collected in 2012 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain population subgroups than for the total population.

Users should also exercise caution because of changes caused by the phase-in of the Census 2010 files (see "Basic CPS").[4] During this time period, CPS data were collected from sample designs based on different censuses. Two features of the new CPS design have the potential of affecting published estimates: (1) the temporary disruption of the rotation pattern from August 2014 through June 2015 for a comparatively small portion of the sample and (2) the change in sample areas. Most of the known effect on estimates during and after the sample redesign will be the result of changing from 2000 to 2010 geographic definitions. Research has shown that the national-level estimates of the metropolitan and nonmetropolitan populations should not change appreciably because of the new sample design. However, users should still exercise caution when comparing metropolitan and nonmetropolitan estimates across years with a design change, especially at the state level.

Caution should also be used when comparing Hispanic estimates over time. No independent population control totals for people of Hispanic origin were used before 1985.

A Nonsampling Error Warning. Since the full extent of the nonsampling error is unknown, one should be particularly careful when interpreting results based on small differences between estimates. The Census Bureau recommends that data users incorporate information about nonsampling errors into their analyses, as nonsampling error could impact the conclusions drawn from the results. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures (such as medians and percentage distributions) probably do not reveal useful information when computed on a subpopulation smaller than 75,000.

For additional information on nonsampling error including the possible impact on CPS data when known, refer to references [2] and [3].

Standard Errors and Their Use. The sample estimate and its standard error enable one to construct a confidence interval. A confidence interval is a range about a given estimate that has a specified probability of containing the average result of all possible samples. For example, if all possible samples were surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the average result of all possible samples.

A particular confidence interval may or may not contain the average estimate derived from all possible samples, but one can say with specified confidence that the interval includes the average estimate calculated from all possible samples.

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

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 the Unbanked/Underbanked. They are:

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

While replicate weighting methods provide the most accurate variance estimates, this approach requires more computing resources and more expertise on the part of the user. The Generalized Variance Function (GVF) parameters provide a method of balancing accuracy with resource usage as well as a smoothing effect on standard error estimates across time. For more information on calculating direct estimates, see reference [4]. For more information on GVF estimates, refer to the "Generalized Variance Parameters" section.

Generalized Variance Parameters. While it is possible to compute and present an estimate of the standard error based on the survey data for each estimate in a report, there are a number of reasons why this is not done. A presentation of the individual standard errors would be of limited use, since one could not possibly predict all of the combinations of results that may be of interest to data users. Additionally, data users have access to CPS microdata files, and it is impossible to compute in advance the standard error for every estimate one might obtain from those data sets. Moreover, variance estimates are based on sample data and have variances of their own. Therefore, some methods of stabilizing these estimates of variance, for example, by generalizing or averaging over time, may be used to improve their reliability.

Experience has shown that certain groups of estimates have similar relationships between their variances and expected values. Modeling or generalizing may provide more stable variance estimates by taking advantage of these similarities. The GVF is a simple model that expresses the variance as a function of the expected value of the survey estimate. The parameters of the GVF are estimated using direct replicate variances. These GVF parameters provide a relatively easy method to obtain approximate standard errors for numerous characteristics. In this source and accuracy statement, Table 3 provides the GVF parameters for labor force estimates, and Table 4 provides GVF parameters for characteristics from the June 2017 supplement.

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

The GVF parameters to use in computing standard errors are dependent upon the race/ethnicity group of interest. The following table summarizes the relationship between the race/ethnicity group of interest and the GVF parameters to use in standard error calculations.

Table 2. Estimation Groups of Interest and Generalized Variance Parameters

Race/ethnicity group of interest	GVF parameters to use in standard error calculations
Total population	Total or White
Total White, White AOIC, or White non-Hispanic population	Total or White
Total Black, Black AOIC, or Black non-Hispanic population	Black
Total API, AIAN, NHOPI; API, AIAN, NHOPI AOIC; or API, AIAN, NHOPI non-Hispanic population	API, AIAN, NHOPI
Populations from other race groups	API, AIAN, NHOPI
Hispanic population	Hispanic
Two or more races – employment/unemployment and educational attainment characteristics	Black
Two or more races – all other characteristics	API, AIAN, NHOPI

Notes: (1) API, AIAN, NHOPI are Asian and Pacific Islander, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, respectively.
(2) AOIC is an abbreviation for alone or in combination. The AOIC population for a race group of interest includes people reporting only the race group of interest (alone) and people reporting multiple race categories including the race group of interest (in combination).
(3) Hispanics may be any race.
(4) Two or more races refers to the group of cases self-classified as having two or more races.

Standard Errors of Estimated Numbers. The approximate standard error, s_x, of an estimated number from this microdata file can be obtained by using the formula:

$$s_x = \sqrt{ax^2 + bx} \quad (1)$$

Here *x* is the size of the estimate, and *a* and *b* are the parameters in Table 3 or 4 associated with the particular type of characteristic. When calculating standard errors from cross-tabulations involving different characteristics, use the set of parameters for the characteristic that will give the largest standard error.

Illustration 1

Suppose there were 3,740,000 unemployed men (ages 16 and up) in the civilian labor force. Use the appropriate parameters from Table 3 and Formula (1) to get

Illustration 1	
Number of unemployed males in the civilian labor force (*x*)	3,740,000
a-parameter (*a*)	-0.000031
b-parameter (*b*)	2,947
Standard error	103,000
90-percent confidence interval	3,571,000 to 3,909,000

The standard error is calculated as

$$s_x = \sqrt{-0.000031 \times 3{,}740{,}000^2 + 2{,}947 \times 3{,}740{,}000} = 103{,}000$$

The 90-percent confidence interval is calculated as 3,740,000 ± 1.645 × 103,000.

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the percentage and its base. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the parameter from Table 3 or 4 as indicated by the numerator.

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

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

Here *y* is the total number of people, families, households, or unrelated individuals in the base or denominator of the percentage, *p* is the percentage 100**x*/*y* ($0 \leq p \leq 100$), and *b* is the parameter in Table 3 or 4 associated with the characteristic in the numerator of the percentage.

Illustration 2
In June of 2017, suppose there were 128,633,000 households, and 6.6% were considered unbanked. Use the appropriate parameter from Table 4 and Formula (2) to get

Illustration 2	
Percentage of households that are considered unbanked (*p*)	6.6
Base (*y*)	128,633,000
b-parameter (*b*)	5,358
Standard error	0.16
90-percent confidence interval	6.3 to 6.9

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{5{,}358}{128{,}633{,}000} \times 6.6 \times (100.0 - 6.6)} = 0.16$$

The 90-percent confidence interval for the estimated percentage of unbanked households is from 6.3 to 6.9 percent (i.e., 6.6 ± 1.645 × 0.16).

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

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

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

Illustration 3
Suppose that of the 7,484,000 employed men between 20-24 years of age, 24.0 percent were part-time workers, and of the 6,882,000 employed women between 20-24 years of age, 35.3 percent were part-time workers. Use the appropriate parameters from Table 3 and Formulas (2) and (3) to get

Illustration 3			
	Male (x)	Female (y)	Difference
Percentage working part-time (p)	24.0	35.3	11.3
Base (y)	7,484,000	6,882,000	-
b-parameter (b)	2,947	2,788	-
Standard error	0.85	0.96	1.28
90-percent confidence interval	22.6 to 25.4	33.7 to 36.9	9.2 to 13.4

The standard error of the difference is calculated as

$$s_{x_1-x_2} = \sqrt{0.85^2 + 0.96^2} = 1.28$$

The 90-percent confidence interval around the difference is calculated as $11.3 \pm 1.645 \times 1.28$. Since this interval does not include zero, we can conclude with 90-percent confidence that the percentage of part-time women workers between 20-24 years of age is greater than the percentage of part-time men workers between 20-24 years of age.

Accuracy of State Estimates. The redesign of the CPS following the 1980 census provided an opportunity to increase efficiency and accuracy of state data. All strata are now defined within state boundaries. The sample is allocated among the states to produce state and national estimates with the required accuracy while keeping total sample size to a minimum. Improved accuracy of state data was achieved with about the same sample size as in the 1970 design.

Since the CPS is designed to produce both state and national estimates, the proportion of the total population sampled and the sampling rates differ among the states. In general, the smaller the population of the state, the larger the sampling proportion. For example, in Vermont, approximately 1 in every 250 households is sampled each month. In New York, the sample is about 1 in every 2,000 households. Nevertheless, the size of the sample in New York is four times larger than in Vermont because New York has a larger population.

Computation of Standard Errors for State Estimates. For the June 2017 supplement on the Unbanked/Underbanked, special state-level *a* and *b* parameters were calculated. These parameters should be used directly for any state-level variance estimates that are needed for this supplement. There are no additional factors to be applied to these parameters. The state-level parameters can be found in Table 4.

Illustration 4

Suppose you want to calculate the standard error for the number of unbanked households in California. Suppose about 1,096,000 households in California were unbanked. Following the same method as Illustration 1, a state-level estimate can be derived. Use the state-level parameters found in Table 4 to calculate the California standard error.

Illustration 4	
Number of unbanked households in California (*x*)	1,096,000
a-parameter, California (*a*)	-0.000233
b-parameter, California (*b*)	6,856
Standard error	85,000

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

Table 3. Parameters for Computation of Standard Errors for Labor Force Characteristics: June 2017

Characteristic	a	b
Total or White		
Civilian labor force, employed	-0.000013	2,481
Not in labor force	-0.000017	3,244
Unemployed	-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

Notes: (1) These parameters are to be applied to basic CPS monthly labor force estimates.

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

Table 4. Parameters for Computation of Standard Errors for Unbanked/Underbanked Characteristics: June 2017

	Banked		Unbanked/Underbanked	
Characteristic	a	b	a	b
FAMILIES, HOUSEHOLDS, OR UNRELATED INDIVIDUALS				
All	-0.000030	5358	-0.000030	5358
Hispanic	-0.000210	6160	-0.000210	6160
White Non-Hispanic	-0.000036	4428	0.000088	4953
Black Non-Hispanic	-0.000222	5684	-0.000090	6204
Other Non-Hispanic	-0.000260	5323	-0.000260	5323
Alabama	-0.001418	3814	-0.001418	3814
Alaska	-0.002341	792	-0.002341	792
Arizona	-0.001309	5078	-0.001309	5078
Arkansas	-0.001157	2078	-0.001157	2078
California	-0.000288	6158	-0.000233	6856
Colorado	-0.001721	6115	-0.001721	6115
Connecticut	-0.002016	3897	0.003813	4407
Delaware	-0.002698	1356	0.003693	1667
Florida	-0.000349	5587	-0.000480	6429
Georgia	-0.000771	5430	-0.000991	6107
Hawaii	-0.001585	1299	0.003506	1530
Idaho	-0.001744	1498	-0.001744	1498
Illinois	-0.000544	5064	-0.000544	5064
Indiana	-0.001236	4532	-0.001236	4532
Iowa	-0.002722	4226	-0.002722	4226
Kansas	-0.001736	3094	-0.001736	3094
Kentucky	-0.001052	3038	-0.001052	3038
Louisiana	-0.001131	2702	-0.001131	2702
Maine	-0.002582	1803	-0.002582	1803
Maryland	-0.001689	5548	0.005780	6785
Massachusetts	-0.001100	4313	-0.008999	5131
Michigan	-0.001022	6528	-0.001743	7822
Minnesota	-0.001175	4799	0.003112	5823
Mississippi	-0.001151	1765	-0.001151	1765
Missouri	-0.001225	4295	-0.001225	4295

Montana	0.002688	841	0.002688	841
Nebraska	-0.002741	2367	-0.002741	2367
Nevada	-0.001138	2404	-0.001138	2404
New Hampshire	-0.001563	1136	0.003337	1428
New Jersey	-0.000679	4770	-0.001018	5737
New Mexico	-0.000220	1368	-0.000220	1368
New York	-0.000544	6263	-0.000728	7091
North Carolina	-0.001106	5853	0.006736	6905
North Dakota	-0.001123	611	-0.001787	797
Ohio	-0.000655	5218	0.000460	5767
Oklahoma	-0.001577	3031	-0.001577	3031
Oregon	-0.001205	2855	-0.001205	2855
Pennsylvania	-0.000885	6667	0.002693	8515
Rhode Island	-0.001743	1421	-0.001743	1421
South Carolina	-0.001562	4162	0.002893	5076
South Dakota	-0.001681	1069	-0.001681	1069
Tennessee	-0.001233	4010	-0.001233	4010
Texas	-0.000365	5542	0.000389	6162
Utah	-0.001461	2504	-0.001461	2504
Vermont	-0.001198	510	-0.001198	510
Virginia	-0.001240	6004	-0.001240	6004
Washington	-0.000933	4344	-0.000933	4344
West Virginia	-0.001820	1579	-0.001820	1579
Wisconsin	-0.001432	4547	0.007392	5657
Wyoming	-0.001171	417	-0.001171	417

Notes: (1) These parameters are to be applied to the June 2017 Unbanked/Underbanked Supplement data.
(2) The Other Non-Hispanic category can be used for all other races.
(3) Hispanics may be any race. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.
(4) The White Non-Hispanic, Black Non-Hispanic, and Other Non-Hispanic parameters are to be used for alone and in combination race group estimates.
(5) For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero.

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[1] Bureau of Labor Statistics, April 2014, "Redesign of the Sample for the Current Population Survey." http://www.bls.gov/cps/sample_redesign_2014.pdf

[2] U.S. Census Bureau. 2006. *Current Population Survey: Design and Methodology*. Technical Paper 66. Washington, DC: Government Printing Office. http://www.census.gov/prod/2006pubs/tp-66.pdf

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[4] 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://thedataweb.rm.census.gov/pub/cps/march/Use_of_the_Public_Use_Replicate_Weight_File_final.doc

All online references accessed February 7, 2018.

ATTACHMENT 17

User Notes

User Note #1

Correction to Attachment 16 – Source and Accuracy Statement

The Source and Accuracy Statement (Attachment 16) contained an error to Table 3 – Parameters for Computation of Standard Errors for Labor Force Characteristics. Incorrect a and b parameters appeared in the original release of this table. This revision of Attachment 16 has the corrected parameters for Table 3.

December 2018

ATTACHMENT 17

User Notes

User Note #2

Supplement Re-release Including Allocation

This supplement has been re-released with any Item Nonresponse allocated using matrices based on answers from household with similar demographics. Changes to the supplement record layout, including the addition of allocation flags, can be found in Attachment 7. New unweighted tallies have been included in Attachment 13. This allocated data is not reflected in the dataset available at https://data.census.gov/mdat (MDAT).

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