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2020 Annual Social and Economic (ASEC) Supplement

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ABSTRACT

Current Population Survey, 2020 Annual Social and Economic (ASEC) Supplement conducted by the Bureau of the Census for the Bureau of Labor Statistics. – Washington: U.S. Census Bureau [producer and distributor], 2020.

TYPE OF FILE

Microdata; unit of observation is individuals, families, and households.

UNIVERSE DESCRIPTION

The universe is the civilian noninstitutional population of the United States living in housing units and members of the Armed Forces living off post or living with their families on post, as long as at least one civilian adult lives in the same household. A probability sample is used in selecting housing units.

SUBJECT-MATTER DESCRIPTION

This Annual Social and Economic (ASEC) Supplement provides the usual monthly labor force data, but in addition, provides supplemental data on work experience, income, noncash benefits, and migration. Comprehensive work experience information is given on the employment status, occupation, and industry of persons 15 years old and over. Additional data for persons 15 years old and older are available concerning weeks worked and hours per week worked, reason not working full time, total income and income components. Data on employment and income refer to the preceding year, although demographic data refer to the time of the survey.

This file also contains data covering nine noncash income sources: food stamps, school lunch program, employer-provided group health insurance plan, employer-provided pension plan, personal health insurance, Medicaid, Medicare, or military health care, and energy assistance. Characteristics such as age, sex, race, household relationship, and Hispanic origin are shown for each person in the household enumerated.

GEOGRAPHIC COVERAGE

States, regions and divisions are identified in their entirety. Within confidentiality restrictions; indicators are provided for 260 selected core-based statistical areas (CBSA), 44 selected combined statistical areas (CSA), 280 counties, and 40 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: Hierarchical, Rectangular, Column-delimited

File Size:

Record Type	Record Number
Household (SAS/CSV)	91,500
Family (SAS/CSV)	69,959
Person (SAS/CSV)	157,959
ASCII (DAT)	319,418

REFERENCE MATERIAL

Current Population Survey, 2020 ASEC Technical Documentation. The documentation includes this abstract, pertinent information about the file, a glossary, code lists, and a data dictionary.

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

RELATED PRINTED REPORTS

Data from the ASEC Current Population Survey's file are published most frequently in the Current Population Reports P-20 and P-60 series. In addition, the following associated reports and tables have also been cleared for release: Income and Poverty, Health Insurance, Supplemental Poverty Measure, and Migration.

These reports can be accessed at *https://www.census.gov/library/publications.html*.

FILE AVAILABILITY

The files are available on the internet via several ways. The files may be accessed by going to the Data section of the main CPS website, located here - *https://www.census.gov/programs-surveys/cps/data.html*. Additionally, for custom tabulations and extracts of CPS microdata, our Data Tools Site contains two platforms to assist you in this process. Visit the following hyperlink to access the Data Tools Site. *https://www.census.gov/programs-surveys/cps/data/data-tools.html*.

CONFIDENTIALITY

The microdata files were approved for release by the Census Bureau's Disclosure Review Board (DRB). CBDRB-FY20-365

The DRB supports the Data Stewardship Executive Policy Committee (DSEP) in its efforts to protect Title 13 respondent confidentiality by proposing protection policies and methodologies, and reviewing external products such as microdata and tabulation releases for potential disclosure. The DRB coordinates activities that inform decisions made to protect confidentiality through data collection, linking, and dissemination.

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 interview 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 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 the demographic status of the population, information such as age, sex, race, marital status, educational attainment, and family structure. From time to time additional questions are included on such important subjects as 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 labor market, 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 workers in nonfarm family enterprises; wage and salary 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 for job seeking are also available.

The Annual Social and Economic (ASEC) Supplement contains the basic monthly demographic and labor force data described above, plus additional data on work experience, income, noncash benefits, health insurance coverage, and migration.

CPS Sample

The CPS sample is based on the civilian noninstitutional population of the United States. The sample is located in approximately 826 sample areas comprising 1,328 counties and independent cities with coverage in every State and in the District of Columbia.

In all, some 70,000 housing units or other living quarters are assigned for interview each month; about 50,000 of them containing approximately 100,000 persons 15 years old and over are interviewed. Also included are

demographic data for approximately 22,000 children 0-14 years old and 400 Armed Forces members living with civilians either on or off base within these households. The remainder of the assigned housing units are found to be vacant, converted to nonresidential use, contain persons with residence elsewhere, or are not interviewed because the residents are not found at home after repeated calls, are temporarily absent, or are unavailable for other reasons. Approximately 20,000 noninterview households are present each month. The resulting file size is approximately 142,000 records.

Whether living on or off post, male and female members of the armed forces are included in the ASEC as long as at least one civilian adult lives in the same household. The armed forces members, however, are not asked the monthly labor force questions. In addition, the ASEC is supplemented with a sample of Hispanic households identified the previous November. This results in the addition of about 6,000 households (4,500 interviewed). The inclusion of the additional sample of Hispanic households began in 1976.

In 2002, the ASEC incorporated a significant sample expansion. The sample was expanded primarily to improve state estimates of children's health insurance coverage. This sample expansion, known as the CHIP sample, has three components: 1) Asking the ASEC Supplement questions of one-quarter of the February and April CPS samples, that is, of the households not also included in the March sample; 2) Interviewing selected sample households from the preceding August through November CPS sample during the February-April period using the ASEC Supplement; and 3) Increasing the monthly CPS sample in states with high sampling errors for uninsured children. This sample increase results in the addition of about 19,000 households to the ASEC. Adding together the regular sample (70,000), plus the Hispanic sample (6,000), plus the CHIP sample (19,000), we arrive at the total sample size for the ASEC of about 95,000 households.

A more precise explanation regarding the CPS sample design is provided in Technical Paper 77, *The Current Population Survey: Design and Methodology.*

For a more detailed discussion about the basic labor force data gathered on a monthly basis in the CPS survey, see the Bureau of Labor Statistics Report No. 463 and the Current Population Report P-23, No. 62, issued jointly by the Bureau of Labor Statistics and the Bureau of the Census in October, 1976, and entitled Concepts and Methods Used In Labor Statistics derived from the Current Population Survey.

Questionnaire

Questionnaire facsimiles of the 2020 ASEC Supplement are shown in Appendix D in this documentation.

Revisions to the ASEC Processing System

Starting in 2019

- Demographic edit changes
- Redesigned questions for income and health insurance coverage

File Structure

Historically, CPS ASEC data have always been provided only in a single ASCII file that included all three record types (household, family, and person). However, beginning in 2019, CSV and SAS files were also made available, with each being split into three separate files (one file for each of the three record types).

For the ASCII file, a description of the file structure follows below. It applies only to the ASCII file, not the CSV or SAS files.

There is a household record for each household or group quarters. The household record is followed by one of three possible structures:

A. If the household contains related persons and is not a group quarters household:

    1. The family record appears next followed by person records for members of the family who are not also members of a related subfamily. The person records would be ordered: family householder, spouse of family householder, children in the family, and other relatives of the family householder.

2. The above records may be followed by one or more related subfamily records, each related subfamily record being followed immediately by person records for members of that related subfamily. The person records would be ordered: reference person of the related subfamily, spouse of subfamily reference person, and children of subfamily reference person.

3. The above records may be followed by one or more unrelated subfamily records, each unrelated subfamily record being followed immediately by person records for members of that unrelated subfamily. The person records would be ordered: unrelated subfamily reference person, spouse of subfamily reference person, and children of subfamily reference person.

4. The above records may be followed by one or more persons living with nonrelatives family records, each to be followed by the person record for the unrelated individual it represents. (See Figure 1, page 2-5.)

B. If the household contains a householder with no relatives and is not a group quarters household:

1. The family record for the nonfamily householder is followed immediately by the person record for that nonfamily householder.

2. These records may be followed by one or more unrelated subfamily records, each unrelated subfamily record being followed immediately by the person records for members of that unrelated subfamily.

3. These records may be followed by one or more family records for persons living with nonrelatives, each person living with nonrelatives family record being followed immediately by the person record for that person living with nonrelatives. (See Figure 2, page 2-6.)

C. If the household is Group Quarters:

1. The family record for persons living with nonrelatives is followed immediately by the person record for that person living with nonrelatives.

2. These records may be followed by one or more unrelated subfamily records, each unrelated subfamily record being followed immediately by the person records for members of that unrelated family.

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 Census Bureau issues four series of publications under the general title Current Population Reports:

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

Of particular interest to users of the ASEC microdata file would be those reports based on information collected in the ASEC. These reports include the following titles:

P-60 Income and Poverty in the United States: (Year)
P-60 Health Insurance Coverage in the United States: (Year)
P-60 Supplemental Poverty Measure: (Year)

All Current Population Reports are available online at https://www.census.gov/library/publications.html

Figure 1. Illustration of Record Sequence for Households Containing a Family.

Household Record

Family Record

Person 1 (Householder) Record
Person 2 (Spouse) Record
.
.
.
.
Person n (Family Member)

Family (Related Subfamily Record)

Person 1 (Related Subfamily Reference Person) Record
Person 2 (Spouse) Record
.
.
.
.
Person n (Related Subfamily Member) Record

Family (Unrelated Subfamily) Record

Person 1 (Unrelated Subfamily Reference Person) Record
Person 2 (Spouse) Record
.
.
.
.
Person n (Unrelated Subfamily Member) Record

Family (Persons Living With Nonrelatives) Record

Person 1 (Person Living With Nonrelatives) Record

Figure 2. Illustration of Record Sequence for Households Containing a Nonfamily Householder.

Household Record

Family (Nonfamily Householder) Record

Person (Nonfamily Householder) Record

Family (Unrelated Subfamily) Record

Person 1 (Unrelated Subfamily Reference Person) Record
Person 2 (Spouse) Record
.
.
.
.
.
Person n (Unrelated Subfamily Member) Record

Family (Person Living With Nonrelatives) Record

Person (Persons Living With Nonrelatives) Record

Figure 3. Illustration of Record Sequence for Group Quarters.

Household Record

Family (Persons Living With Nonrelatives) Record

Person (Persons Living With Nonrelatives) Record

Family (Unrelated Subfamily) Record

Person1 Record
Person 2 Record
.
.
.
.
Person n Record

Geographic Limitations

One set of estimates that can be produced from CPS microdata files should be treated with caution. These are estimates for individual metropolitan areas. Although estimates for the larger areas such as New York, Los Angeles, and so forth, should be fairly accurate and valid for a multitude of uses, estimates for the smaller metropolitan areas (those with populations under 500,000) should be used with caution because of the relatively large sampling variability associated with these estimates. For these areas, estimates comparing percent distributions and ratios will provide data with less sampling variability than estimates of levels will.

It should be kept in mind that the sample design and methods of weighting CPS data are geared towards producing estimates for the entire nation. Consequently, data for states are not as reliable as national data, and the file will lose some of its utility in certain applications. For further discussion of such considerations, the user should consult *The Current Population Survey: Design and Methodology* (Technical Paper 77, U.S. Bureau of the Census).

The nature of the work done by each individual investigator using the microdata file will determine to what extent his/her requirements for precision will allow using some of the smaller geographic areas identified on the file.

Weights

For all CPS data files a single weight is prepared and used to compute the monthly labor force status estimates. The difference in content of the CPS ASEC Supplement requires the presentation of additional weights: a supplement household weight, a supplement family weight, and a supplement person weight. In this section we briefly describe the construction and use of these weights. Chapter 2-3 of Technical paper 77, The Current Population Survey: Design and Methodology provides documentation of the weighting procedures for the CPS both with and without supplement questions.

The final weight, which is the product of several adjustments, is used to produce population estimates for the various items covered in the regular monthly CPS. This weight is constructed from the basic weight for each person, which represents the probability of selection for the survey. The basic weight is adjusted for special sampling situations and failure to obtain interviews from eligible households (noninterview adjustment). A two-stage ratio estimation procedure adjusts the sample population to the known distribution of the entire population. This two-stage ratio estimation process produces factors which are applied to the basic weight (after the special weighting and noninterview adjustments are made) and results in the final weight associated with each record. In summary, the final weight is the product of: (1) the basic weight, (2) adjustments for special weighting, (3) noninterview adjustment, (4) first stage ratio adjustment factor, and (5) second stage ratio adjustment factor. This final weight should be used when producing estimates from the basic CPS data.

Differences in the questionnaire, sample and data uses for the CPS ASEC Supplement result in the need for additional adjustment procedures to produce the ASEC Supplement weight. The sample for the CPS ASEC Supplement is expanded to include members of the Armed Forces who are living in civilian housing or with the family on a military base, as well as additional Hispanic households which are not included in the monthly labor force estimates, and children who live in low-income families and lack health insurance.

The expanded sample and the need to have married and cohabitating couples receive the same weight has resulted in a weighting system which produces the supplement weight. The supplement weight should be used for producing estimates from ASEC Supplement data.

Finally, household and family weights are the weights assigned from the householder or reference person after all adjustments have been made and should be used when tabulating estimates of families-households.

MATCHING OF CPS ASEC FILES

Matching ASEC Files Across Years

There are two basic limitations in linking the CPS ASEC files across years. First, only fifty percent of the sample is included in two consecutive years. Second, the residents within the eligible housing units may have changed or appeared as noninterview records in one or both years. The result is a matched sample of considerably less than the upper limit of fifty percent. The basic procedures and variables used to link two or more March CPS files are outlined below.

Sample Selection

The first step in matching year t with year t+1 is to select from year-t those housing units with a "month in sample" value of 1 through 4, and from year t+1 those units with a "month in sample" value of 5 through 8.

This will identify the sample subset eligible for matching. Within this subset, housing units in year t, month 1 will match only with units in year t+1, month 5, etc.

Matching Housing Units

Using one or more variables, it is possible to uniquely identify each housing unit in each sample rotation. However, because of changes in CPS procedures, the available information for matching housing units is not always identical. Below are the variables available for matching March CPS files.

Year	**Identifiers**	
1986 – 1993	HHIDNUM	
1994 – 2001*	H-MIS	H-IDNUM
2002 – 2004	H-IDNUM	H-HHNUM
2005 – 2018	H-IDNUM1	H-IDNUM2
2019 – present	H_IDNUM	

*Matching between 1995 and 1996 is not possible because the March 1996 file is based entirely on the 1990 Census design sample.

Matching Person Records

If you wish to link not only the household information, but the person data as well, follow the procedure above, but add one or more variables to uniquely identify a person.

Year	Identifiers	
Before 1994	A_LINENO	Demographic Variables*
1994 – 2004	A_LINENO	

*Prior to 1994, additional checks are needed to match person records across time. The specific variables used to match residents will vary according to the needs of the project, but it is more efficient to arrange the matching in a hierarchical sequence. For example, matching on sex, race and line number should precede matching on age or household relationship. The data user should carefully work through the possible changes in household structure that might result in an inappropriate rejection of a household.

For 2005 forward, one variable may be used by itself instead of adding it to the household identifiers. PERIDNUM is the only identifier needed for linking persons in files from 2005 onward.

Matching ASEC Files to Non-ASEC Files

Sometimes, there's a need to link an ASEC (or "March supplement") file to a non-ASEC file. Follow the match-keys below to match households pertaining to the year the survey was conducted.

Matching Housing Units

For the ASEC file:

Year	Identifiers	
1994 – 2004	H_IDNUM	H_HHNUM
2005 – 2018	H_IDNUM1	H_IDNUM2
2019 – present	H_IDNUM*	

*Concatenate HRHHID and HRHHID2 on the non-ASEC file to match to H_IDNUM on the ASEC file.

For the Non-ASEC File:

Month &Year		
Jan, 1994 – April 2004*	HRHHID	HUHHNUM
May 2004 – present	HRHHID	HRHHID2

*For files ranging between April 1994 and June 1995, you must add the state code ('GESTCEN') to the list of identifiers to uniquely identify households. Due to the phase-in of the 1990 sample, a small number of households will share the same identifier unless adding this code.

Matching Person Records

If you desire to link not only the household information, but the person data as well, follow the procedure above, but add one or more variables to uniquely identify a person.

For non-March files, add PULINENO.

For March/ASEC files between 1994 and 2004, add A_LINENO. For 2005 forward, one variable may be used by itself instead of adding it to the household identifiers. PERIDNUM is the only identifier needed for linking persons in files from 2005 onward.

DIFFERENCES

Differences between the 2020 and 2019 ASEC Files

1. The data collection for the 2020 ASEC occurred during the coronavirus (COVID-19) pandemic. See Appendix G of this document, Section "Comparability of Data", Subsection "Impact of the Coronavirus Pandemic" for more information on the impact to the data.

2. Values for variable PEINUSYR are updated every year to reflect the most recent year of the survey. In odd years (2015, 2017, 2019, etc.), only the largest value changes. In even years, the largest value also changes, but a new value is also appended. Please refer to the current year data dictionary for the latest values.

3. PCHIP_SP2 has been removed from the file.

4. New variables were added on the topic of Offer and Take of Employer-Sponsored Insurance Variables: ESIOFFER, ESICOULD, ESITAKE1-ESITAKE8, ESIELIG1- ESIELIG6

   The ESIOFFER variables are on the person file in the 2020 CPS ASEC and in a separate research extract in the 2019 CPS ASEC.

   The ESIOFFER variables (ESIOFFER, ESICOULD, ESITAKE1-ESITAKE8, ESIELIG1-ESIELIG6) provide information on the offer and take-up of employer-sponsored health insurance coverage for individuals who are employed but, at the time of interview, either do not have employer-sponsored coverage or have employer-sponsored coverage but are not the policyholder (i.e. covered through a family member's employer-sponsored plan) . Specifically, the file indicates: 1) whether their employer offered coverage to any of its employees, 2) whether they were eligible for that coverage, if offered, 3) why they were ineligible, if offered and ineligible, and 4) why they chose to not take the coverage, if eligible.

   The set of ESIOFFER variables contain the same information as the set of PEOFFER variables (PEOFFER, PECOULD, PETAKE1-PETAKE8, PEELIG1-PEELIG6) for a wider universe of people. The ESIOFFER variables include information for all employed individuals who do not currently receive employer-sponsored insurance or who do receive employer-sponsored coverage but are not the policyholder of the coverage plan, and documents if health insurance was offered through their employer. In contrast, the set of PEOFFER variables only includes offer and take-up information for employed individuals who are currently covered through employer-sponsored plans, but who are not the policyholder.

   Some individuals may have different values for the set of PEOFFER variables and the set of ESIOFFER variables due to imputation of missing or incomplete data. For imputed values of ESIOFFER and downstream variables (those with allocation flags of hot deck, cold deck, logical imputation, or whole unit imputation) the values may differ for these variables due to a change in the donor pool used to impute values.

5. Records not in the poverty universe (POV_UNIV not equal to 1) now have values of -1 (not in universe) for the following variables: POVLL. PERLIS, FAMLIS, and FPOVCUT.

6. Every five years, in years that end in 0 or 5, the CPS includes five-year migration questions along with the one-year migration questions.

7. Both industry and occupation variables use new classification codes beginning in 2020. See Appendix A for industry codes and Appendix B for occupation codes.

Description of Method for Topcoding Income and Related Variables

The 2020 ASEC public use data file uses a method that swaps values between sample cases having incomes above a determined topcode value. This method of topcoding preserves the distribution of values above the topcode while maintaining adequate disclosure avoidance.

The technique used for swapping values is termed “rank proximity swapping”. Once the topcode has been established, some persons with value above the topcode cutoff are sorted by those values from lowest to highest (values equal to the specified topcode are included in the universe of those requiring topcoding). Next, the values above the topcode are systematically swapped between sample persons. The swapping occurs within a bounded interval. This bounded interval assures that the values swapped are in “proximity” to each other, yet providing a sufficiently large group of persons from which the swap partners are selected. The Rank Proximity Swapping tables below show the topcode cutoff amount for the various sources.

The use of swapping techniques is accompanied by the procedure to round the swapped amounts. All topcoded amounts included on the public use must be rounded to two significant digits (i.e. $987,654=$990,000; $12,345=$12,000; $9,870=$9,900; rounded values will never exceed the maximum value on the file, i.e. $999,999=$999,999).

Rank Proximity Swapping

Threshold Amounts for Earnings and Income Fields

Income Source	Swap Threshold[1]
ANN_VAL	$60,000
CAP_VAL	$85,000
CHSP_VAL	$26,000
CSP_VAL	$21,320
DIS_VAL1	$72,000
DIS_VAL2	$72,000
DIV_VAL	$38,000
DST_VAL1	$81,250
DST_VAL2	$81,250
DST_VAL1_YNG	$80,000
DST_VAL2_YNG	$80,000
ED_VAL	$37,650
ERN_VAL	$360,000
FIN_VAL	$54,000
FRM_VAL	$50,000
TRDINT_VAL	$10,200
RINT_VAL1	$44,000
RINT_VAL2	$44,000
OI_VAL	$82,992
RNT_VAL	$75,000
SE_VAL	$100,000
SUR_VAL1	$100,000
SUR_VAL2	$100,000
PEN_VAL1	$84,000
PEN_VAL2	$84,000
WS_VAL	$70,000

Threshold Amounts for SPM Fields

Income Source	Swap Threshold[1]
PHIP_VAL	$15,600
PEMCPREM	$4,226
PHIP_VAL2	$15,600
PMED_VAL	$10,000
POTC_VAL	$2,000

[1] Values swapped are equal to, and above, this value.

Masking of Income Affects Recode Variables

All combined income recodes on the data file are created *after swapping* (or masking) is performed. This means, for example, that one's total income amount may include a masked amount among the income sources in the calculation. Therefore, the total income amount may seem high when analyzing family poverty ratios. Be careful when analyzing poverty data where masked income amounts appear.

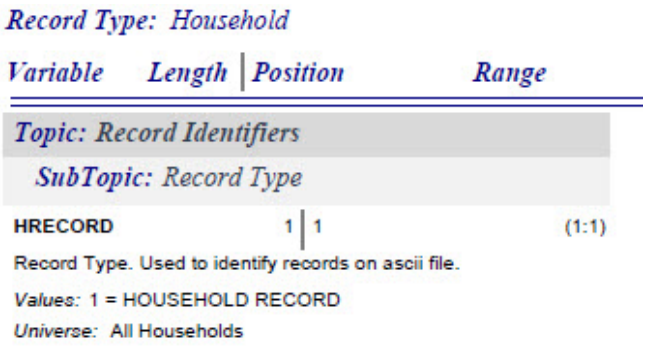
HOW TO USE THE DATA DICTIONARY

The data dictionary describes the contents and record layout of the public-use data file. It is split into three major sections, one for each record type (Household, Family, and Person). Within each section, variables are grouped by Topic and Subtopic.

Variables in the data dictionary are described by:

Descriptor	Description
Variable	Variable name. Variable names are unique throughout the entire data file.
Length	The length of a variable is given in number of characters.
Position	Starting position (location) of the variable on the ascii data file.
Range	Range of values the variable can hold.
Description	Brief description of the variable.
Values	Brief description of each value the variable can hold.
Universe	Description of the variable's universe.

For example, the variable HRECORD is the first variable found on the data dictionary, and appears like so:



Accordingly, HRECORD is described as follows:

Length=1 means that HRECORD takes up only one character on the data file.

Position=1 means that HRECORD can always be found in the first column of the data file for all household records.

Range=(1:1) means that the values for HRECORD can range from 1 to 1. In other words, HRECORD will always equal 1. This can also be verified by looking at the values description.

Values: 1=Household Record. HRECORD=1 identifies the current record as a household record. This is convenient when using the ASCII file since it contains all three record types (household, family, and person). SAS tables are already separated by record type, so HRECORD is not as critical to use in this case.

The universe for HRECORD is all households, which means every household will have HRECORD=1. This agrees with the fact that HRECORD=1 identifies a record as a housing record.

How to Distinguish ASEC Supplement Variables from the Basic CPS Monthly Variables

With a few exceptions, Basic CPS monthly variables have a prefix and/or a suffix as follows:

Record Type	Prefix/Suffix
Household	H_ or H1
Family	Family records do not contain any Basic CPS monthly variables.
Person	A_, AX, PE, PR, or PX

Supplement variables are either all one string or have a suffix. For example, HFIN_YN is a supplement variable on the household record.

ASEC 2020 Public Use Data Dictionary

Record Type: *Household*

Variable	Length	Position	Range

Topic: Record Identifiers

SubTopic: Record Type

HRECORD 1 | 1 (1:1)

Record Type. Used to identify records on ascii file.

Values: 1 = HOUSEHOLD RECORD
Universe: All Households

SubTopic: Match Keys

FILEDATE 6 | 2 ()

File creation date in MMDDYY format

Values: Date
Universe: All records

H_HHNUM 1 | 8 (1:8)

Household number. Identifier for unique set of residents located at this sample address. If this group changes between months in sample, household number is incremented by 1.

Values: 1-8 = Household number
Universe: All Households

H_IDNUM 20 | 9 (NA)

Household id number. Same as characters 1-20 of PERIDNUM.

Values: ID Number
Universe: All households

H_SEQ 5 | 29 (00001:99999)

Household sequence number

Values: 00001- 99999=Household sequence number
Universe: All Households

Topic: Weights

SubTopic: ASEC Supplement

HSUP_WGT 8 | 34 (00000000:999999999)

ASEC Supplement Final Weight

Values: 2 implied decimals (example: 255212=2552.12)
Universe: H_HHTYPE = 1

Topic: Geography

SubTopic: Geography

GEDIV 1 | 42 (0:9)

Recode - Census division of current residence

Values: 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
Universe: All Households

GEREG 1 | 43 (1:4)

Region

Values: 1 = Northeast
2 = Midwest
3 = South
4 = West
Universe: All Households

GESTFIPS 2 | 44 (1:56)

State FIPS code

Values: 01-56 State code
Universe: All Households

GTCBSA 5 | 46 (00000:79600)

Metropolitan CBSA FIPS CODE

Values: 0000 = Non-met or not identified
00460 - 79600 = CBSA code
Universe: All Households

GTCBSAST 1 | 51 (1:4)

Principal city/Balance status

Values: 1 = Principal city
2 = Balance of CBSA
3 = Non CBSA
4 = Not identified
Universe: All Households

Variable	*Length*	*Position*	*Range*

GTCBSASZ 1 | 52 (0:7)

Metropolitan area (CBSA) size

Values: 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+

Universe: All Households

GTCO 3 | 53 (000:810)

FIPS County Code

Values: 000 = Not identified
001-810 = Specific county code (See Appendix E). Note: This code must be used in combination with a State Code (GESTFIPS) in order to uniquely identify a county.

Universe: All Households

GTCSA 3 | 56 (000:720)

Consolidated Statistical Area (CSA) FIPS Code

Values: 000 = Non-met or not identified
118-720 = CSA Code

Universe: All Households

GTINDVPC 1 | 59 (0:7)

Individual Principal City Code

Values: 0 = Not identified, non-met, or not a principal city
1-7 = (See Appendix E) Note: Whenever possible this code identifies specific principal cities in a CBSA 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.

Universe: All Households

GTMETSTA 1 | 60 (1:3)

Metropolitan status

Values: 1 = Metropolitan
2 = Non-metropolitan
3 = Not identified

Universe: All Households

Topic: Demographics

SubTopic: Household Characteristics

H_HHTYPE 1 | 61 (1:3)

Type of household interview

Values: 1 = Interview
2 = Type A non-interview
3 = Type B/C non-interview

Universe: All Households

H_LIVQRT 2 | 62 (01:12)

Type of living quarters (recode)

Values: Housing unit
01 = House, apt., flat
02 = HU in nontransient hotel, etc.
03 = HU, perm, in trans. hotel, motel, etc.
04 = HU in rooming house
05 = Mobile home or trailer with no permanent room added
06 = Mobile home or trailer with 1 or more perm rooms added
07 = HU not specified above
Other Unit
08 = Qtrs not hu in rooming or boarding house
09 = Unit not perm in trans. hotel, motel, etc.
10 = Tent or trailer site
11 = Student quarters in college dormitory
12 = Other not HU

Universe: All Households

H_MIS 1 | 64 (1:8)

Month in sample

Values: 1-8 = Month in sample

Universe: All Households

HEFAMINC 2 | 65 (-1:16)

Family income from basic CPS iincome screener question. NOTE: If a nonfamily household, income includes only that of householder.

Values: -1=Not in universe
01=Less than $5,000
02=$5,000 to $7,499
03=$7,500 to $9,999
04=$10,000 to $12,499
05=$12,500 to $14,999
06=$15,000 to $19,999
07=$20,000 to $24,999
08=$25,000 to $29,999
09=$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 and over

Universe: All Households

HH5TO18 2 | 67 (0:16)

Recode: Number of persons in household age 5 to 18 excluding family heads and spouses

Values: 00 = None
01-16 = Number persons 5 to 18

Universe: All Households

Variable	Length	Position	Range

HHSTATUS 1 | 69 (0:3)

Recode - Household status

Values: 0 = Not in universe (group quarters)
1 = Primary family
2 = Nonfamily householder living alone
3 = Nonfamily householder living with nonrelatives

Universe: H_TYPE = 1-8

HNUMFAM 2 | 70 (00:16)

Number of families in household

Values: 00 = Noninterview household
01-16 = Number of families in HHLD

Universe: H_HHTYPE = 1

HRHTYPE 2 | 72 (00:10)

Household type

Values: 00 = Non-interview household
01 = Married couple primary family (neither spouse in Armed Forces)
02 = Married couple primary family (one spouse in Armed Forces)
03 = Unmarried civilian male primary family householder
04 = Unmarried civilian female primary family householder
05 = Primary family household - reference person in Armed Forces and unmarried
06 = Civilian male nonfamily householder
07 = Civilian female nonfamily householder
08 = Nonfamily householder household - reference person in Armed Forces
09 = Group quarters with actual families (This is new in 1994)
10 = Group quarters with secondary individuals only

Universe: H_HHTYPE = 1

HUNDER15 2 | 74 (0:16)

Recode: Number of persons in household under age 15

Values: 00 = None
01-16 = Number persons under 15

Universe: H_HHTYPE=1

HUNDER18 2 | 76 (0:16)

Recode - Number of persons in HHLD under age 18

Values: 00 = None
01-16 = Number persons under 18

Universe: H_HHTYPE = 1

HUNITS 1 | 78 (0:5)

How many units in the structure?

Values: 0 = NIU
1 = 1 Unit
2 = 2 Units
3 = 3 - 4 Units
4 = 5 - 9 Units
5 = 10+ Units

Universe: H_HHTYPE = 1

SubTopic: Allocation Flags

I_HUNITS 1 | 79 (0:1)

Allocation flag for HUNITS

Values: 0 = No change
1 = Allocated

Universe: H_HHTYPE = 1

Topic: Basic CPS Items

SubTopic: Household Characteristics

H_MONTH 2 | 80 (03:03)

Month of survey

Values: 03=March

Universe: All Households

H_NUMPER 2 | 82 (0:16)

Number of persons in household

Values: 00=Noninterview household
01-16 = Number of persons in HHLD

Universe: H_HHTYPE = 1

H_RESPNM 2 | 84 (0:16)

Line number of household respondent

Values: 0=Not in universe (non-interview or proxy respondent)
01-16=Line number

Universe: All Households

H_TELAVL 1 | 86 (0:2)

Telephone available

Values: 0 = Not in universe
1 = Yes
2 = No

Universe: H_TELHHD = 2

H_TELHHD 1 | 87 (0:2)

Telephone in household

Values: 0=Not in universe (non-interview)
1=Yes
2=No

Universe: H_HHTYPE = 1

H_TELINT 1 | 88 (0:1)

Telephone interview acceptable

Values: 0=Not in universe/No
1=Yes

Universe: H_TELAVL = 1

Variable	*Length*	*Position*	*Range*

H_TENURE 1 | 89 (0:3)

Tenure

Values: 0=Not in universe
1=Owned or being bought
2=Rented
3=No cash rent

Universe: H_HHTYPE = 1

H_TYPEBC 2 | 90 (0:19)

Item 15 - Type B/C

Values: 00=Interviewed or Type A
TYPE B
01 = Vacant - regular
02 = Vacant - storage of HHLD furniture
03 = Temp occ by persons with URE
04 = Unfit or to be demolished
05 = Under construction, not ready
06 = Converted to temp business or storage
07 = Occ by AF members or persons under 15
08 = Unocc tent or trailer site
09 = Permit granted, construction not started
10 = Other
Type C
11 = Demolished
12 = House or trailer moved
13 = Outside segment
14 = Converted to perm business or storage
15 = Merged
16 = Condemned
17 = Built after April 1, 1980
18 = Unused line of listing sheet
19 .= Other

Universe: H_HHTYPE = 3

H_YEAR 4 | 92 (1999:2999)

Year of survey

Values: 1999-2999

Universe: All Households

SubTopic: *Allocation Flags*

H1LIVQRT 1 | 96 (0:7)

Allocation flag for H_LIVQRT

Values: 0=No change
4=Allocated
7=Blank to NA - no error

Universe: All Households

H1TELAVL 1 | 97 (0:4)

Allocation flag for H_TELINT

Values: 0=No change
1=Value to blank
4=Allocated

Universe: All Households

H1TELHHD 1 | 98 (0:4)

Allocation flag for H_TELHHD

Values: 0=No change
1=Value to blank
4=Allocated

Universe: All Households

H1TELINT 1 | 99 (0:4)

Allocation flag for H_TELAVL

Values: 0=No change
1=Value to blank
4=Allocated

Universe: All Households

H1TENURE 1 | 100 (0:4)

Allocation flag for H_TENURE

Values: 0=No change
1=Value to blank
4=Allocated

Universe: All Households

Topic: Income

SubTopic: Total Income

HHINC 2 | 101 (0:41)

Total household income - recode

Values: 1=UNDER $2,500
2=$2,500 TO $4,999
3=$5,000 TO $7,499
4=$7,500 TO $9,999
5=$10,000 TO $12,499
6=$12,500 TO $14,999
7=$15,000 TO $17,499
8=$17,500 TO $19,999
9=$20,000 TO $22,499
10=$22,500 TO $24,999
11=$25,000 TO $27,499
12=$27,500 TO $29,999
13=$30,000 TO $32,499
14=$32,500 TO $34,999
15=$35,000 TO $37,499
16=$37,500 TO $39,999
17=$40,000 TO $42,499
18=$42,500 TO $44,999
19=$45,000 TO $47,499
20=$47,500 TO $49,999
21=$50,000 TO $52,499
22=$52,500 TO $54,999
23=$55,000 TO $57,499
24=$57,500 TO $59,999
25=$60,000 TO $62,499
26=$62,500 TO $64,999
27=$65,000 TO $67,499
28=$67,500 TO $69,999
29=$70,000 TO $72,499
30=$72,500 TO $74,999
31=$75,000 TO $77,499
32=$77,500 TO $79,999
33=$80,000 TO $82,499
34=$82,500 TO $84,999
35=$85,000 TO $87,499
36=$87,500 TO $89,999
37=$90,000 TO $92,499
38=$92,500 TO $94,999
39=$95,000 TO $97,499
40=$97,500 TO $99,999
41=$100,000 AND OVER

Universe: All Households

HPCTCUT 2 | 103 (0:20)

Recode - HHLD income percentiles

Values: 0 = niu (group quarters)
1 = lowest 5 percent
2 = second 5 percent . . . 20 = top 5 percent

Universe: All Households

HTOP5PCT 1 | 105 (0:2)

Top 5 percent of households

Values: 0 = niu (group quarters)
1 = in top 5 percent
2 = not in top 5 percent

Universe: H_TYPE < 9

HTOTVAL 8 | 106 (-999999:99999999)

total household income

Values: 0 = none
negative dollar amount
positive dollar amount

Universe: All Households

SubTopic: Earnings

HEARNVAL 8 | 114 (-999999:99999999)

total household earnings

Values: 0 = none
negative amt = income (loss)
positive amt = income

Universe: HINC_WS, HINC_SE, or HINC_FR = 1

HFRVAL 7 | 122 (-999999:99999999)

household income - farm income

Values: 0 = none
negative amt = income (loss)
positive amt = income

Universe: HINC_FR = 1

HINC_FR 1 | 129 (0:2)

farm self-employment, y/n

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HINC_SE 1 | 130 (0:2)

own business self-employment, y/n

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HINC_WS 1 | 131 (0:2)

wage and salary, y/n

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HSEVAL 7 | 132 (-999999:99999999)

household income - self employment income

Values: 0 = none
negative dollar amount = income loss
positive dollar amount = income

Universe: HINC_SE = 1

Variable	*Length*	*Position*	*Range*

HWSVAL 7 | 139 (0:9999999)

household income - wages and salaries

Values: 0 = none
dollar amount

Universe: HINC_WS = 1

SubTopic: *Other Income*

HANN_YN 7 | 146 (0:2)

During 20.., did anyone receive income from an annuity?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HANNVAL 7 | 153 (0:999999)

household income - annuities

Values: 0 = none; dollar amount

Universe: HANN_YN = 1

HCSP_YN 1 | 160 (0:2)

During 20.. did anyone in this household receive: any child support payments?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HCSPVAL 7 | 161 (0:9999999)

household income - child support

Values: 0 = none;
1:999999 dollar amount

Universe: HCSP_YN = 1

HDIS_YN 1 | 168 (0:2)

Does anyone in the household have a disability or health problem which prevented them from working, even for a short time, or which limited the work they could do?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HDISVAL 7 | 169 (0:9999999)

household income - disability income

Values: 0 = none;
1:9999999 dollar amount

Universe: HDIS_YN = 1

HDIV_YN 1 | 176 (0:2)

At any time during 20.. did anyone in this household: own any shares of stock in corporations or any mutual fund shares?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HDIVVAL 7 | 177 (0:9999999)

household income - dividend income

Values: 0 = none;
1:9999999 dollar amount

Universe: HDIV_YN = 1

HDST_YN 7 | 184 (0:2)

Household retirement distribution income for people age 58 and over, y/n?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HDSTVAL 7 | 191 (0:9999999)

household income - retirement distributions

Values: 0 = niu
1 = yes
2 = no

Universe: HDST_YN = 1

HED_YN 1 | 198 (0:2)

Did anyone receive any educational assistance for tuition, fees, books, or living expenses during 20..?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HEDVAL 7 | 199 (0:9999999)

household income - education income

Values: 0 = none
1:9999999 dollar amount

Universe: HED_YN = 1

HFIN_YN 1 | 206 (0:2)

During 20.. did anyone in this household receive: any (other) regular financial assistance from friends or relatives not living in this household?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

Variable	*Length*	*Position*	*Range*

HFINVAL 7 | 207 (0:9999999)

household income - financial assistance income

Values: 0 = none;
1:9999999 dollar amount

Universe: All Households

HINC_UC 1 | 214 (0:2)

unemployment compensation, y/n

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HINC_WC 1 | 215 (0:2)

workers compensation, y/n

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HINT_YN 1 | 216 (0:2)

At any time during 20.. did anyone in this household have money in:
1) savings accounts
2) checking accounts
3) money market funds
4) certificates of deposit
5) savings bonds
6) any other (non-retirement) investments which pay interest
7) retirement accounts

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HINTVAL 7 | 217 (0:9999999)

household income - interest income

Values: 0 = none
1: 9999999 dollar amount

Universe: HINT_YN = 1

HOI_YN 1 | 224 (0:2)

During 20.. Did anyone receive cash income not already covered, such as income from: foster child care, alimony, jury duty, armed forces reserves, severance pay, hobbies, or any other source?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HOIVAL 7 | 225 (0:9999999)

household income - other income: (such as foster child care, alimony, jury duty, armed forces reserves, severance pay, hobbies, or any other source)

Values: 0 = none
1:9999999 dollar amount

Universe: HOI_YN = 1

HOTHVAL 8 | 232 (-999999:99999999)

All other types of income except HEARNVAL Recode - Total other household income

Values: 0 = none
negative amt = income (loss)
positive amt = income

Universe: All Households

HPAW_YN 1 | 240 (0:2)

At any time during 20.. did anyone in this household receive: any public assistance or welfare payments from the state or local welfare office?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HPAWVAL 6 | 241 (0:99999999)

household income - public assistance income amt

Values: 0 = none
1:9999999 dollar amount

Universe: HPAW_YN = 1

HPEN_YN 1 | 247 (0:2)

During 20.., did anyone receive any pension income from a previous employer or union?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HPENVAL 7 | 248 (0:9999999)

household income - pension income

Values: 0 = none
1:9999999 dollar amount

Universe: All Households

Variable	Length	Position	Range

HRNT_YN 1 | 255 (0:2)

During 20.. did anyone in the household:
1) own any land, business property, apartments, houses which were rented to others?
2) receive income from royalties or from roomers or boarders?
3) receive income from estates or trusts?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HRNTVAL 7 | 256 (-999999:99999999)

household income - rental income amt

Values: 0 = none
negative dollar amount
positive dollar amount

Universe: HRNT_YN = 1

HSS_YN 1 | 263 (0:2)

During 20.. did anyone in this household receive: any social security payments from U.S. government?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HSSI_YN 1 | 264 (0:2)

During 20.. did anyone in this household receive: any supplemental security income payments?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HSSIVAL 6 | 265 (0:9999999)

household income - supplemental security income

Values: 0 = none
1:9999999 dollar amount

Universe: HSSI_YN = 1

HSSVAL 7 | 271 (0:9999999)

household income - social security

Values: 0 = none
1:9999999 dollar amount

Universe: HSS_YN = 1

HSUR_YN 1 | 278 (0:2)

Did anyone in this household receive any income in 20.. as a survivor or widow such as survivor or widow's pensions, estates, trusts, annuities, or other survivor benefits?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HSURVAL 7 | 279 (0:99999999)

household income - survivor income

Values: 0 = none
1:9999999 dollar amount

Universe: HSUR_YN = 1

HUCVAL 7 | 286 (0:9999999)

household income - unemployment compensation

Values: 0 = none
1-99999999 = dollar amount

Universe: HINC_UC = 1

HVET_YN 1 | 293 (0:2)

At any time during 20.. did anyone in this household receive: any payments from the veterans' administration other than above?

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

HVETVAL 7 | 294 (0:9999999)

household income - veteran payments

Values: 0 = none
1-9999999 = dollar amount

Universe: HVET_YN = 1

HWCVAL 7 | 301 (0:99999999)

household income - worker's compensation

Values: 0 = none
dollar amount

Universe: HINC_WC = 1

SubTopic: *Non-cash Benefits*

HENGAST 1 | 308 (0:2)

The government has an energy assistance program which helps pay heating or cooling costs. This assistance can be received directly by the household or it can be paid directly to the electric company, gas company, or fuel dealer. In 20.., did anyone rec

Values: 0 = niu
1 = yes
2 = no

Universe: All Households

Variable	*Length*	*Position*	*Range*

HENGVAL 4 | 309 (0:5000)

Altogether, how much energy assistance has been received during, 20..?

Values: 0 = none
1:5000 = dollar amount

Universe: HENGAST = 1

HFDVAL 5 | 313 (0:30000)

What was the value of all food stamps received during 20..?

Values: 0 = none
1-30000 = dollar amount

Universe: HFOODSP = 1

HFLUNCH 1 | 318 (0:2)

During 20.. how many of the children in this household received free or reduced price lunches because they qualified for federal school lunch program?

Values: 0 = niu
1 = all or some
2 = none

Universe: HHOTLUN = 1

HFLUNNO 1 | 319 (0:9)

number receiving free lunch note: if more than 9 children/persons present, a value of 9 does not necessarily mean "all."

Values: 0 = niu
1 = one ... 9 = nine +

Universe: HHOTLUN = 1

HFOODMO 2 | 320 (0:12)

number months covered by food stamps

Values: 0 = niu
1-12 = months

Universe: HFOODSP = 1

HFOODNO 1 | 322 (0:9)

Number covered by food stamps note: if more than 9 children/persons present, a value of 9 does not necessarily mean "all."

Values: 0 = niu
1 = one ... 9 = nine +

Universe: HFOODSP = 1

HFOODSP 1 | 323 (0:2)

Did anyone in this household get food stamps at any time in 20..?

Values: 0 = niu
1 = all or some
2 = none

Universe: All Households

HHOTLUN 1 | 324 (0:2)

During 20.. how many of the children in this household usually ate a complete hot lunch offered at school?

Values: 0 = niu
1 = all or some
2 = none

Universe: All Households with children 5 to 18

HHOTNO 1 | 325 (0:9)

number of children in household who usually ate hot lunch. note: if more than 9 children/persons present, a value of 9 does not necessarily mean "all."

Values: 0 = niu
1 = one ... 9 = nine or more

Universe: HHOTLUN = 1

HLORENT 1 | 326 (0:2)

Are you paying lower rent because the federal, state, or local government is paying part of the cost?

Values: 0 = niu
1 = yes
2 = no

Universe: HPUBLIC=2

HPUBLIC 1 | 327 (0:2)

Is this a public housing project, that is owned by a local housing authority or other public agency?

Values: 0 = niu
1 = yes
2 = no

Universe: H_TENURE ne 1 (renter occupied)

HRNUMWIC 2 | 328 (0:16)

Number of people in the household receiving WIC

Values: 0 = NIU
1:16 = number of people

Universe: HRNUMWIC = 1

HRWICYN 1 | 330 (0:2)

At any time last year, (were you/was anyone in this household) on WIC, the Women, Infants, and Children Nutrition Program?

Values: 0 = niu
1 = yes
2 = no

Universe: Households with a female adult

SubTopic: *Supplemental Poverty Measure*

HCHCARE_VAL 6 | 331 (-1:999999)

Annual amount paid for child care by household members

Values: 0 = none; dollar amount

Universe: HCHCARE_YN = 1

Variable	*Length*	*Position*	*Range*

HCHCARE_YN 1 | 337 (0:2)

Did (you/anyone in this household) PAY for the care of (your/their) (child/children) while they worked last year? (Include preschool and nursery school; exclude kindergarten or grade/elementary school)?

Values: 0 = NIU
1 = yes
2 = no

Universe: Households with children (a_age = 15 and under)

SubTopic: *Property*

HPRES_MORT 1 | 338 (0:2)

Presence of home mortgage (respondent answers yes to hmort_yn or hsmort_yn)

Values: 0 = niu
1 = yes
2 = no

Universe: H_TENURE = 1 (owner occupied)

HPROP_VAL 8 | 339 (-1:9999999)

Estimate of current property value

Values: 0 = none/niu - renter
1:9999999 dollar amount

Universe: H_TENURE = 1 (owner occupied)

SubTopic: *Allocation Flags*

I_CHCAREVAL 1 | 347 (0:1)

Allocation flag for HCHCARE_VAL

Values: 0 = No allocation
1 = Allocated

Universe: HCHCARE_VAL > 0

I_HENGAS 1 | 348 (0:1)

Allocation flag for HENGAST

Values: 0 = No allocation
1 = Allocated

Universe: HENGSAT > 0

I_HENGVA 1 | 349 (0:2)

Allocation flag for HENGVAL

Values: 0 = No allocation
1 = Allocated
2 = Allocated with range response

Universe: HENGAST = 1

I_HFDVAL 1 | 350 (0:2)

Allocation flag for HFDVAL

Values: 0 = No allocation
1 = Allocated
2 = Allocated with range response

Universe: HFDVAL > 0

I_HFLUNC 1 | 351 (0:1)

Allocation flag for HFLUNCH

Values: 0 = No allocation
1 = Allocated

Universe: HFLUNCH > 0

I_HFLUNN 1 | 352 (0:1)

Allocation flag for HFLUNNO

Values: 0 = No allocation
1 = Allocated

Universe: HFLUNNO > 0

I_HFOODM 1 | 353 (0:2)

Allocation flag for HFOODMO

Values: 0 = No allocation
1 = Allocated
2 = Allocated with range response

Universe: HFOODMO > 0

I_HFOODN 1 | 354 (0:1)

Allocation flag for HFOODNO

Values: 0 = No allocation
1 = Allocated

Universe: HFOODNO >0

I_HFOODS 1 | 355 (0:1)

Allocation flag for HFOODSP

Values: 0 = No allocation
1 = Allocated

Universe: HFOODSP > 0

I_HHOTLU 1 | 356 (0:1)

Allocation flag for HHOTLUN

Values: 0 = No allocation
1 = Allocated

Universe: HHOTLUN > 0

I_HHOTNO 1 | 357 (0:1)

Allocation flag for HHOTNO

Values: 0 = No allocation
1 = Allocated

Universe: HHOTNO > 0

I_HLOREN 1 | 358 (0:1)

Allocation flag for HLORENT

Values: 0 = No allocation
1 = Allocated

Universe: HLORENT > 0

Variable	Length	Position	Range

I_HPUBLI 1 | 359 (0:1)

Allocation flag for HPUBLIC

Values: 0 = No allocation
1 = Allocated

Universe: HPUBLIC > 0

I_PROPVAL 1 | 360 (0:4)

Allocation flag for HPROP_VAL

Values: 0 = No allocation
1 = Allocated with range response (Level 1)
2 = Allocated (Level 2)
3 = Allocated (Level 3)
4 = Allocated (Level 4)

Universe: HPROP_VAL > 0

SubTopic: *Topcoding Flags*

THCHCARE_VAL 1 | 361 (0:1)

Topcode flag for HCHCARE_VAL

Values: 0 = not topcoded;
1 = topcoded

Universe: HCHCARE_VAL > 0

THPROP_VAL 1 | 362 (0:1)

Data swapping flag for HPROP_VAL

Values: 0 = no swapping
1 = variable value was swapped with another record

Universe: HPROP_VAL > 0

Topic: *Health Insurance*

SubTopic: *Any health insurance coverage*

HCOV 1 | 363 (1:3)

Any health insurance coverage in the household last year

Values: 1= All members of the household
2= Some members of the household
3= No members of the household

Universe: All Households

NOW_HCOV 1 | 364 (1:3)

Any current health insurance coverage in the household

Values: 1= All members of the household
2= Some members of the household
3= No members of the household

Universe: All Households

SubTopic: *Public coverage*

HPUB 1 | 365 (1:3)

Any public coverage in the household last year

Values: 1= All members of the household
2= Some members of the household
3= No members of the household

Universe: All Households

NOW_HPUB 1 | 366 (1:3)

Any current public coverage in the household

Values: 1= All members of the household
2= Some members of the household
3= No members of the household

Universe: All Households

SubTopic: *Private coverage*

HPRIV 1 | 367 (1:3)

Any private coverage in the household last year

Values: 1= All members of the household
2= Some members of the household
3= No members of the household

Universe: All Households

NOW_HPRIV 1 | 368 (1:3)

Any current private coverage in the household

Values: 1= All members of the household
2= Some members of the household
3= No members of the household

Universe: All Households

SubTopic: *Medicaid or other means-tested cover*

HMCAID 1 | 369 (1:3)

Any Medicaid, PCHIP or other means-tested coverage in the household last year

Values: 1= All members of the household
2= Some members of the household
3= No members of the household

Universe: All Households

NOW_HMCAID 1 | 370 (1:3)

Any current Medicaid, PCHIP or other means-tested coverage in the household

Values: 1= All members of the household
2= Some members of the household
3= No members of the household

Universe: All Households

Record Type: *Household*

Variable	*Length*	*Position*	*Range*	*Variable*	*Length*	*Position*	*Range*

SubTopic: *Household imputation status*

HH_HI_UNIV 1 | 371 (1:3)

Household imputation status

Values: 1= All members of the household had reported data
2= Some members of the household had reported data
3= No members of the household had reported data

Universe: All Households

ASEC 2020 Public Use Data Dictionary

Record Type: *Family*

Variable	Length	Position	Range

Topic: Record Identifiers

SubTopic: Record Type

FRECORD 1 | 1 (2:2)

Record Type. Used to identify records on ascii file.

Values: 2 = FAMILY RECORD

Universe: All Families

SubTopic: Match Keys

FFPOS 2 | 2 (01:16)

Unique family identifier. This field plus FH_SEQ results in a unique family number for the file.

Values: 01-39 = index for family identifier

Universe: All Families

FH_SEQ 5 | 4 (00001:99999)

Household sequence number. Matches H_SEQ for same household

Values: 00001-99999 = household sequence number

Universe: All Families

FILEDATE 6 | 9 ()

File creation date in MMDDYY format

Values: Date

Universe: All records

SubTopic: Record Pointers

FHEADIDX 2 | 15 (1:16)

Index to person record of family head

Values: 01-16 = Person sequence number (P_SEQ) for reference person

Universe: All Families

FLASTIDX 2 | 17 (1:16)

Index to person record of last member of family. All persons from FHEADIDX thru FLASTIDX are members of this family. (Primary family includes related subfamily members.)

Values: 01-16 = Person sequence number (P_SEQ) for last family member

Universe: All Families

FMLASIDX 2 | 19 (1:16)

Index to person record of last member of family. All persons from FHEADIDX thru FMLASIDX are members of this family. (Primary family excludes subfamily members.)

Values: 01-16 = Person sequence number (P_SEQ) for last family member

Universe: All Families

FSPOUIDX 2 | 21 (0:16)

Index to person record of family spouse

Values: 00 = No spouse
01-16 = Person sequence number (P_SEQ) for spouse

Universe: F_KIND = 1

Topic: Weights

SubTopic: ASEC Supplement

FSUP_WGT 8 | 23 (00000000:999999999)

Householder or Reference Person weight

Values: 2 implied decimals (example: 255212=2552.12)

Universe: All Families

Topic: Demographics

SubTopic: Family Characteristics

FKIND 1 | 31 (1:3)

Kind of family

Values: 1=Married couple family
2=Male reference person
3=Female reference person

Universe: All Families

FKINDEX 1 | 32 (1:4)

Kind of family (expanded)

Values: 1=Opposite-sex married couple family
2=Same-sex married couple family
3=Male reference person
4=Female reference person

Universe: All families

FOWNU18 1 | 33 (0:9)

Number of own never married children under 18, for FHEADIDX. Primary family includes own children in related subfamily even if the child is the head of the subfamily.

Values: 0 = None, not in universe
1 = 1 ... 9 = 9 or more

Universe: All Families

Variable	Length	Position	Range

FOWNU6 1 | 34 (0:6)

Own children in family under 6, for FHEADIDX. Primary family includes own children in related subfamily

Values: 0 = None, not in universe
1 = 1
2 = 2 ... 6 = 6+

Universe: All Families

FPERSONS 2 | 35 (1:16)

Number of persons in family. Primary families include related subfamily members.

Values: 01-16 = Number of persons

Universe: All Families

FRELU18 1 | 37 (0:9)

Related persons in family under 18

Values: 0 = None, not in universe
1 = 1
2 = 2 ... 9 = 9+

Universe: All Families

FRELU6 1 | 38 (0:6)

Related persons in family under 6

Values: 0 = None, not in universe
1 = 1
2 = 2 ... 6 = 6+

Universe: All Families

FSPANISH 1 | 39 (1:2)

Reference person or spouse is Spanish, Hispanic, or Latino

Values: 1 = YES
2 = NO

Universe: All Families

FTYPE 1 | 40 (1:5)

Family type

Values: 1=Primary family
2=Nonfamily householder
3=Related subfamily
4=Unrelated subfamily
5=Secondary individual

Universe: All Families

Topic: Income

SubTopic: Total Income

FPCTCUT 2 | 41 (0:20)

Income percentiles (for primary families only)

Values: 0 = niu (ftype = 2+)
1 = lowest 5 percent
2 = second 5 percent . . . 20 = top 5 percent

Universe: FTYPE = 1

FTOT_R 2 | 43 (0:41)

Total family income recode

Values: 1=UNDER $2,500
2=$2,500 TO $4,999
3-=$5,000 TO $7,499
4=$7,500 TO $9,999
5=$10,000 TO $12,499
6=$12,500 TO $14,999
7=$15,000 TO $17,499
8=$17,500 TO $19,999
9=$20,000 TO $22,499
10=$22,500 TO $24,999
11=$25,000 TO $27,499
12=$27,500 TO $29,999
13=$30,000 TO $32,499
14=$32,500 TO $34,999
15=$35,000 TO $37,499
16=$37,500 TO $39,999
17=$40,000 TO $42,499
18=$42,500 TO $44,999
19=$45,000 TO $47,499
20=$47,500 TO $49,999
21=$50,000 TO $52,499
22=$52,500 TO $54,999
23=$55,000 TO $57,499
24=$57,500 TO $59,999
25=$60,000 TO $62,499
26=$62,500 TO $64,999
27=$65,000 TO $67,499
28=$67,500 TO $69,999
29=$70,000 TO $72,499
30=$72,500 TO $74,999
31=$75,000 TO $77,499
32=$77,500 TO $79,999
33=$80,000 TO $82,499
34=$82,500 TO $84,999
35=$85,000 TO $87,499
36=$87,500 TO $89,999
37=$90,000 TO $92,499
38=$92,500 TO $94,999
39=$95,000 TO $97,499
40=$97,500 TO $99,999
41=$100,000 AND OVER

Universe: All Families

FTOTVAL 8 | 45 (-999999:99999999)

Total family income

Values: 0 = none
negative amt = income (loss)
positive amt = income

Universe: All Families

Variable	*Length*	*Position*	*Range*

SubTopic: *Earnings*

FEARNVAL 8 | 53 (-999999:9999999)

total family earnings

Values: 0 = none
negative amt = income (loss)
positive amt = income

Universe: FINC_WS, FINC_SE OR FINC_FR = 1

FFRVAL 7 | 61 (-999999:9999999)

family income - farm income

Values: 0 = none
negative amt = income (loss)
positive amt = income

Universe: FINC_FR = 1

FINC_FR 1 | 68 (0:2)

farm self-employment, y/n

Values: 1 = yes
2 = no

Universe: All Families

FINC_SE 1 | 69 (0:2)

own business self-employment, y/n

Values: 1 = yes
2 = no

Universe: All Families

FINC_WS 1 | 70 (0:2)

wage and salary, y/n

Values: 1 = yes
2 = no

Universe: All Families

FSEVAL 7 | 71 (-999999:9999999)

family income - self employment income

Values: 0 = none
negative amt = income (loss)
positive amt = income

Universe: FINC_SE = 1

SubTopic: *Other Income*

FANNVAL 7 | 78 (0:9999999)

family income - annuities

Values: 0 = none; dollar amount

Universe: FINC_ANN = 1

FCSPVAL 7 | 85 (0000000:9999999)

family income - child support

Values: 0 = none; dollar amount

Universe: FINC_CSP = 1

FDISVAL 7 | 92 (0000000:9999999)

family income - disability income

Values: 0 = none; dollar amount

Universe: FINC_DIS = 1

FDIVVAL 7 | 99 (0000000:9999999)

family income - dividend income

Values: 0 = none; dollar amount

Universe: FINC_DIV = 1

FDSTVAL 7 | 106 (0000000:9999999)

family income - retirement distributions

Values: 0 = none; dollar amount

Universe: FINC_DST = 1

FEDVAL 7 | 113 (0000000:9999999)

family income - education income

Values: 0 = none dollar amount

Universe: FINC_ED = 1

FFINVAL 7 | 120 (0000000:9999999)

family income - financial assistance income

Values: 0 = none; dollar amount

Universe: FINC_FIN = 1

FINC_ANN 1 | 127 (0:2)

annuity income, y/n

Values: 1 = yes
2 = no

Universe: All Families

FINC_CSP 1 | 128 (0:2)

child support income, y/n

Values: 1 = yes
2 = no

Universe: All Families

FINC_DIS 1 | 129 (0:2)

disability income, y/n

Values: 1 = yes
2 = no

Universe: All Families

Variable	*Length*	*Position*	*Range*
FINC_DIV	1	130	(0:2)
dividend income, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_DST	1	131	(0:2)
retirement distributions, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_ED	1	132	(0:2)
education income, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_FIN	1	133	(0:2)
financial assistance, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_INT	1	134	(0:2)
interest income, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_OI	1	135	(0:2)
other income, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_PAW	1	136	(0:2)
public assistance or welfare, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_PEN	1	137	(0:2)
pension income, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_RNT	1	138	(0:2)
rental income, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_SS	1	139	(0:2)
social security income, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_SSI	1	140	(0:2)
supplemental security income, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_SUR	1	141	(0:2)
survivor's income, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_UC	1	142	(0:2)
unemployment compensation, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_VET	1	143	(0:2)
veterans' benefits, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINC_WC	1	144	(0:2)
workers compensation, y/n			
Values: 1 = yes 2 = no			
Universe: All Families			
FINTVAL	7	145	(0000000:9999999)
family income - interest income			
Values: 0 = none; dollar amount			
Universe: FINC_INT = 1			

Variable	Length	Position	Range

FOIVAL 7 | 152 (0000000:9999999)

family income - other income: such as foster child care, alimony, jury duty, armed forces reserves, severance pay, hobbies, or any other source

Values: 0 = none; dollar amount

Universe: FINC_OI = 1

FOTHVAL 8 | 159 (-999999:99999999)

total other family income - All other types of income except FEARNVAL

Values: 0 = none
negative amt = income (loss)
positive amt = income

Universe: All Families

FPAWVAL 6 | 167 (0000000:9999999)

family income - public assistance income

Values: 0 = none; dollar amount

Universe: FINC_PAW = 1

FPENVAL 7 | 173 (0:9999999)

family income - pension

Values: 0 = none; dollar amount

Universe: FINC_PEN = 1

FRNTVAL 7 | 180 (-999999:9999999)

family income - rental income

Values: 0 = none
negative amt = income (loss)
positive amt = income

Universe: FINC_RNT = 1

FSSIVAL 6 | 187 (000000:999999)

family income - supplemental security income

Values: 0 = none; dollar amount

Universe: FINC_SSI = 1

FSSVAL 7 | 193 (0000000:9999999)

family income - social security

Values: 0 = none; dollar amount

Universe: FINC_SS = 1

FSURVAL 7 | 200 (0000000:9999999)

family income - survivor income

Values: 0 = none; dollar amount

Universe: FINC_SUR = 1

FUCVAL 7 | 207 (0000000:9999999)

family income - unemployment compensation

Values: 0 = none; dollar amount

Universe: FINC_UC = 1

FVETVAL 7 | 214 (0000000:9999999)

family income - veteran payments

Values: 0 = none; dollar amount

Universe: FINC_VET = 1

FWCVAL 7 | 221 (0000000:9999999)

family income - worker's compensation

Values: 0 = none; dollar amount

Universe: FINC_WC = 1

FWSVAL 7 | 228 (0000000:9999999)

family income - wages and salaries

Values: dollar amount

Universe: FINC_WS = 1

SubTopic: Non-cash Benefits

F_MV_FS 5 | 235 (0:24999)

Family market value of food stamps

Values: 0 = none; dollar amount

Universe: HFOODSP = 1 and FTYPE ≠ 3

F_MV_SL 4 | 240 (0:9999)

Family market value of school lunch

Values: 0 = none; dollar amount

Universe: HFLUNCH = 1 and FTYPE ≠ 3

Topic: Poverty

SubTopic: Poverty

FAMLIS 2 | 244 (-1:4)

RATIO OF FAMILY INCOME TO POVERTY THRESHOLD
IF FTYPE = 3, THEN VALUE COMES FROM PRIMARY FAMILY.

Values: -1 = NOT IN POVERTY UNIVERSE
1 = BELOW POVERTY LEVEL
2 = 100 - 124 PERCENT OF THE POVERTY LEVEL
3 = 125 - 149 PERCENT OF THE POVERTY LEVEL
4 = 150 AND ABOVE THE POVERTY LEVEL

Universe: All families and unrelated individuals aged 15 and older

Variable	Length	Position	Range

FPOVCUT 5 | 246 (-1:60000)

ANNUAL FAMILY POVERTY THRESHOLD.
If FTYPE = 3 then value comes from primary family

Values: -1 = Not in poverty universe
1-60,000 = dollar amount

Universe: All families and unrelated individuals aged 15 and older

FRSPOV 2 | 251 (0:14)

RATIO OF RELATED SUBFAMILY INCOME TO RELATED SUBFAMILY POVERTY THRESHOLD

Values: 00 = NOT A RELATED SUBFAMILY
01 = UNDER .50
02 = .50 TO .74
03 = .75 TO .99
04 = 1.00 TO 1.24
05 = 1.25 TO 1.49
06 = 1.50 TO 1.74
07 = 1.75 TO 1.99
08 = 2.00 TO 2.49
09 = 2.50 TO 2.99
10 = 3.00 TO 3.49
11 = 3.50 TO 3.99
12 = 4.00 TO 4.49
13 = 4.50 TO 4.99
14 = 5.00 AND OVER

Universe: Related subfamilies (ftype = 3)

FRSPPCT 5 | 253 (0:60000)

ANNUAL RELATED SUBFAMILY POVERTY THRESHOLD (CARE SHOULD BE EXERCISED WHEN USING THIS DATA AS RELATED SUBFAMILIES ARE A SUBSET OF PRIMARY FAMILIES AND USUALLY THEIR POVERTY STATUS COMES FROM THE PRIMARY FAMILY)

Values: 0 = NOT A RELATED SUBFAMILY
1-60,000 = DOLLAR AMOUNT

Universe: Related subfamilies (ftype = 3)

POVLL 2 | 258 (-1:14)

RATIO OF FAMILY INCOME TO POVERTY THRESHOLD.
IF FTYPE = 3, THEN VALUE COMES FROM PRIMARY FAMILY.

Values: -1 = NOT IN POVERTY UNIVERSE
01 = UNDER .50
02 = .50 TO .74
03 = .75 TO .99
04 = 1.00 TO 1.24
05 = 1.25 TO 1.49
06 = 1.50 TO 1.74
07 = 1.75 TO 1.99
08 = 2.00 TO 2.49
09 = 2.50 TO 2.99
10 = 3.00 TO 3.49
11 = 3.50 TO 3.99
12 = 4.00 TO 4.49
13 = 4.50 TO 4.99
14 = 5.00 AND OVER

Universe: All families and unrelated individuals aged 15 and older

Topic: Health Insurance

SubTopic: Medical out-of-pocket expenditures

FHIP_VAL 7 | 260 (0:9999999)

Total amount paid in premiums by family

Values: 0 - 9999999

Universe: All Families

FHIP_VAL2 7 | 267 (0:9999999)

Total amount paid in premiums by family 2

Values: 0 - 9999999

Universe: All Families

FMED_VAL 7 | 274 (0:9999999)

Total amount paid in medical expenses by family

Values: 0 - 999999

Universe: All Families

FMOOP 7 | 281 (0:9999999)

Family's total medical out of pocket expenditures. Sum of MOOP across family members.

Values: 0 - 9999999

Universe: All Families

FMOOP2 7 | 288 (0:9999999)

Family's total medical out of pocket expenditures with alternative measure of premiums. Sum of MOOP2 across family members.

Values: 0 - 9999999

Universe: All Families

FOTC_VAL 7 | 295 (0:9999999)

Total amount paid in over the counter expenses by family

Values: 0 - 999999

Universe: All Families

I_FHIPVAL 2 | 302 (-1:3)

Allocation flag for FHIP_VAL

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Families

Variable	*Length*	*Position*	*Range*	*Variable*	*Length*	*Position*	*Range*

I_FHIPVAL2 2 | 304 (-1:3)

Allocation flag for FHIP_VAL2

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Families

I_FMEDVAL 2 | 306 (-1:3)

Allocation flag for FMED_VAL

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Families

I_FMOOP 2 | 308 (-1:3)

Allocation flag for FMOOP

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Families

I_FMOOP2 2 | 310 (-1:3)

Allocation flag for FMOOP2

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Families

I_FOTCVAL 2 | 312 (-1:3)

Allocation flag for FOTC_VAL

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Families

ASEC 2020 Public Use Data Dictionary

Record Type: *Person*

Variable	Length	Position	Range

Topic: Record Identifiers

SubTopic: Record Type

PRECORD 1 | 1 (3:3)

Record type. Used to identify records on ascii file.

Values: 3 = person record
Universe: All Persons

SubTopic: Match Keys

A_LINENO 2 | 2 (01:16)

Roster line number

Values: 01:16
Universe: All Persons

FILEDATE 6 | 4 ()

File creation date in MMDDYY format

Values: Date
Universe: All records

P_SEQ 2 | 10 (00:16)

Sequence number of person in hhld

Values: 0-16
Universe: All Persons

PERIDNUM 22 | 12 (NA)

22-digit Unique Person identifier

Values: 22-digit Unique Person identifier
Universe: All Persons

PF_SEQ 2 | 34 (00:16)

Pointer to the sequence number of family record in household (Related subfamilies point to primary family)

Values: 00:16
Universe: All Persons

PH_SEQ 5 | 36 (00000:99999)

Household seq number

Values: 00001:99999
Universe: All Persons

PHF_SEQ 2 | 41 (01:16)

Pointer to the sequence number of own family record in household. (Care should be exercised when using these data as the related subfamilies are a part of the primary family and usually their characteristics come from the primary family record)

Values: 01:16
Universe: All Persons

PPPOS 2 | 43 (41:79)

Person identifier. This field plus PH_SEQ results in a unique person number for the file.

Values: 41:79 = index for person identifier
Universe: All Persons

SubTopic: Record Pointers

A_FAMNUM 2 | 45 (00:19)

Family number from Basic CPS

Values: 00 = Not a family member
01 = Primary family member only
02-19 = Subfamily member
Universe: All Persons

A_SPOUSE 2 | 47 (00:16)

Spouse's line number

Values: 00 = None or children
01-16 = Spouse's line number
Universe: All Persons

PECOHAB 2 | 49 (-1:16)

Line number of cohabiting Partner

Values: -1 = No Partner present
1-16 = Line Number
Universe: All Persons

PEPAR1 2 | 51 (-1:16)

Line number of Parent 1

Values: -1 = No Parent 1 present
1 = Min Value
16 = Max Value
Universe: All Persons

PEPAR2 2 | 53 (-1:16)

Line number of Parent 2

Values: -1 = No Parent 2 present
1 = Min Value
16 = Max Value
Universe: All Persons

Variable	Length	Position	Range	Variable	Length	Position	Range

Topic: Weights

SubTopic: Basic CPS

A_ERNLWT 8 | 55 (00000000:99999999)

(CPS variable pworwgt)
Earnings/not in labor force weight

Values: 2 implied decimals (example: 255212=2552.12)
00000000 = Not in universe or Children and Armed Forces

Universe: H_MIS=4 or 8

A_FNLWGT 8 | 63 (0000000:999999999)

(CPS variable pwsswgt)
Final weight

Values: 2 implied decimals (example: 255212=2552.12)
0 = Additional supplment sample

Universe: All Persons

SubTopic: ASEC Supplement

MARSUPWT 8 | 71 (0000000:9999999999)

ASEC Supplement final weight

Values: 2 implied decimals (example: 255212=2552.12)

Universe: All persons

Topic: Demographics

SubTopic: Individual Characteristics

A_AGE 2 | 79 (00:85)

Age

Values: 00-79 = 0-79 years of age
80 = 80-84 years of age
85 = 85+ years of age

Universe: All Persons

A_ENRLW 1 | 81 (0:2)

Last week was ... attending or enrolled in a high school, college or university

Values: 0 = Not in universe or children and Armed Forces
1 = Yes
2 = No

Universe: A_AGE=16-54

A_EXPRRP 2 | 82 (1:14)

Expanded relationship code

Values: 1 = Reference person with relatives
2 = Reference person without relatives
3 = Husband
4 = Wife
5 = Own child
7 = Grandchild
8 = Parent
9 = Brother/sister
10 = Other relative
11 = Foster child
12 = Nonrelative with relatives
13 = Partner/roommate
14 = Nonrelative without relatives

Universe: All Persons

A_FAMREL 1 | 84 (0:4)

Family relationship

Values: 0 = Not a family member
1 = Reference person
2 = Spouse
3 = Child
4 = Other relative (primary family)

Universe: All Persons

A_FAMTYP 1 | 85 (1:5)

Family type

Values: 1 = Primary family
2 = Nonfamily householder
3 = Related subfamily
4 = Unrelated subfamily
5 = Secondary individual

Universe: All Persons

A_FTPT 1 | 86 (0:2)

Is ... enrolled in school as a full-time or part-time student

Values: 0 = Not in universe or children and Armed Forces
1 = Full time
2 = Part time

Universe: A_ENRLW=1

Variable	*Length*	*Position*	*Range*
A_HGA	2	87	(0:46)

Item 18h - Educational attainment

Values: 0 = Children
31 = Less than 1st grade
32 = 1st,2nd,3rd,or 4th grade
33 = 5th or 6th grade
34 = 7th and 8th grade
35 = 9th grade
36 = 10th grade
37 = 11th grade
38 = 12th grade no diploma
39 = High school graduate - high school diploma or equivalent
40 = Some college but no degree
41 = Associate degree in college - occupation/vocation program
42 = Associate degree in college - academic program
43 = Bachelor's degree (for example: BA,AB,BS)
44 = Master's degree (for example: MA,MS,MENG,MED,MSW, MBA)
45 = Professional school degree (for example: MD,DDS,DVM,LLB,JD)
46 = Doctorate degree (for example: PHD,EDD)

Universe: All Persons

A_HSCOL	1	89	(0:2)

High School or College/University Enrollment Status

Values: 0 = Not in universe or children and Armed Forces
1 = High school
2 = College or univ.

Universe: A_ENRLW=1

A_MARITL	1	90	(1:7)

Marital status

Values: 1 = Married - civilian spouse present
2 = Married - AF spouse present
3 = Married - spouse absent (exc.separated)
4 = Widowed
5 = Divorced
6 = Separated
7 = Never married

Universe: All Persons

A_PFREL	1	91	(0:5)

Primary family relationship

Values: 0 = Not in primary family
1 = Husband
2 = Wife
3 = Own child
4 = Other relative
5 = Unmarried reference person

Universe: All Persons

A_SEX	1	92	(1:2)

Sex

Values: 1 = Male
2 = Female

Universe: All Persons

AGE1	2	93	(0:17)

Age recode - Persons 15+ years

Values: 0 = Not in universe
1 = 15 years
2 = 16 and 17 years
3 = 18 and 19 years
4 = 20 and 21 years
5 = 22 to 24 years
6 = 25 to 29 years
7 = 30 to 34 years
8 = 35 to 39 years
9 = 40 to 44 years
10 = 45 to 49 years
11 = 50 to 54 years
12 = 55 to 59 years
13 = 60 to 61 years
14 = 62 to 64 years
15 = 65 to 69 years
16 = 70 to 74 years
17 = 75 years and over

Universe: All Persons

FL_665	1	95	(1:3)

Supplement Interview Status

Values: 0 = Complete nonresponse to supplement
1 = Supplement interview
2 = Some supplement response but not enough for interview
3 = Supplement interview but not enough income data

Universe: All Persons

Variable	*Length*	*Position*	*Range*

HHDFMX 2 | 96 (1:51)

Detailed household and family status In household

Values: In primary family:
01 = Householder
02 = Spouse of householder
Child of householder:
Under 18, single (never married):
03 = Reference person of subfamily
04 = Not in a subfamily
Under 18, ever-married:
05 = Reference person of subfamily
06 = Spouse of subfamily reference person
07 = Not in a subfamily
18 years and over, single (never married):
08 = Head of a subfamily
09 = Not in a subfamily
18 years and over, ever-married:
10 = Reference person of subfamily
11 = Spouse of subfamily reference person
12 = Not in a subfamily
Grandchild of householder:
Under 18, single (never married):
23 = Reference person of subfamily
24 = Child of a subfamily
25 = Not in a subfamily
Under 18, ever-married:
26 = Reference person of subfamily
27 = Spouse of subfamily reference person
28 = Not used
29 = Not in a subfamily
18 years and over, single (never married):
30 = Reference person of a subfamily
31 = Not in a subfamily
18 years and over, ever-married:
32 = Reference person of subfamily
33 = Spouse of subfamily reference person
34 = Not in a subfamily
Other relative of householder:
Under 18, single (never married):
35 = Reference person of subfamily
36 = Child of subfamily reference person
37 = Not in a subfamily
Under 18, ever-married:
38 = Reference person of subfamily
39 = Spouse of subfamily reference person
40 = Not in a subfamily
18 years and over, single (never married):
41 = Reference person of a subfamily
42 = Not in a subfamily
18 years and over, ever-married:
43 = Reference person of subfamily
44 = Spouse of subfamily reference person
45 = Not in a subfamily
In unrelated subfamily:
46 = Reference person of unrelated subfamily
47 = Spouse of unrelated subfamily reference person
48 = Child < 18, single (never married) of unrelated subfamily reference person
Not in a family:
49 = Nonfamily householder
50 = Secondary individual
51 = In group quarters

Universe: All Persons

HHDREL 1 | 98 (1:8)

Detailed household summary

Values: In household:
1 = Householder
2 = Spouse of householder
Child of householder:
3 = Under 18 years, single (never married)
4 = Under 18 years, ever married
5 = 18 years and over
Other household members:
6 = Other relative of householder
7 = Nonrelative of householder
In group quarters:
8 = Secondary individual

Universe: All Persons

P_STAT 1 | 99 (1:3)

Status of person identifier

Values: 1 = Civilian 15+
2 = Armed Forces
3 = Children 0 - 14

Universe: All Persons

PARENT 1 | 100 (0:4)

Presence of parents

Values: 0 = Not in universe
1 = Both parents present
2 = Mother only present
3 = Father only present
4 = Neither parent present

Universe: Family members under 18 (excludes reference person and spouse if under 18.)

PEAFEVER 2 | 101 (-1:2)

Did you ever serve on active duty in the U.S. Armed Forces?

Values: -1 = Not in universe
1 = Yes
2 = No

Universe: A_AGE greater than or equal to 17

PEAFWHN1 2 | 103 (-1:9)

When did you serve?

Values: -1 = Not in universe
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

Universe: PEAFEVER=1

Variable	*Length*	*Position*	*Range*

PEAFWHN2 2 | 105 (-1:9)

When did you serve?

Values: -1 = Not in universe
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

Universe: PEAFEVER=1

PEAFWHN3 2 | 107 (-1:9)

When did you serve?

Values: -1 = Not in universe
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

Universe: PEAFEVER=1

PEAFWHN4 2 | 109 (-1:9)

When did you serve?

Values: -1= Not in universe
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

Universe: PEAFEVER=1

PECERT1 2 | 111 (0:2)

Do you have a currently active professional certification or a state or industry license?

Values: -1 = Not in universe
1 = Yes
2 = No

Universe: PRPERTYP = 02

PECERT2 2 | 113 (0:2)

Were any of your certifications or licenses issued by the federal, state, or local government?

Values: -1 = Not in universe
1 = Yes
2 = No

Universe: PECERT1 = 1

PECERT3 2 | 115 (0:2)

Is your certification required for your job? Main Job? Job from which you are on layoff? Job at which you last worked?

Values: -1 = Not in universe
1 = Yes
2 = No

Universe: PECERT1 = 1

PEDISDRS 2 | 117 (-4:2)

Does...have difficulty dressing or bathing?

Values: -1 = NIU
1 = Yes
2 = No

Universe: PRPERTYP = 2

PEDISEAR 2 | 119 (-1:2)

Is...deaf or does ...have serious difficulty hearing?

Values: -1 = NIU
1 = Yes
2 = No

Universe: PRPERTYP = 2

PEDISEYE 2 | 121 (-1:2)

Is...blind or does...have serious difficulty seeing even when Wearing glasses?

Values: -1 = NIU
1 = Yes
2 = No

Universe: PRPERTYP = 2

PEDISOUT 2 | 123 (-1:2)

Because of a physical, mental, or emotional condition, does...have difficulty doing errands along such as visiting a doctor's office or shopping?

Values: -1 = NIU
1 = Yes
2 = No

Universe: PRPERTYP = 2

PEDISPHY 2 | 125 (-1:2)

Does...have serious difficulty Walking or climbing stairs?

Values: -1 = NIU
1 = Yes
2 = No

Universe: PRPERTYP = 2

Variable	*Length*	*Position*	*Range*

PEDISREM 2 | 127 (-1:2)

Because of a physical, mental, or emotional condition, does...have serious difficulty concentrating, remembering, or making decisions?

Values: -1 = NIU
1 = Yes
2 = No

Universe: PRPERTYP = 2

PEFNTVTY 3 | 129 (-4:999)

In what country was your father born?

Values: See Appendix H.

Universe: All Persons

PEHSPNON 1 | 132 (1:2)

Are you Spanish, Hispanic, or Latino?

Values: 1 = Yes
2 = No

Universe: All Persons

PEINUSYR 2 | 133 (0:25)

When did you come to the U.S. to stay?

Values: 00 = NIU
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 = 2014-2015
25 = 2016-2017
25 = 2018-2020

Universe: All Persons

PEMNTVTY 3 | 135 (-4:999)

In what country was your mother born?

Values: See Appendix H.

Universe: All Persons

PENATVTY 3 | 138 (-4:999)

In what country were you born?

Values: See Appendix H.

Universe: All Persons

PEPAR1TYP 2 | 141 (-1:3)

Demographics type of Parent 1 (PEPAR1)

Values: -1 = No Parent 1 present
1 = Biological
2 = Step
3 = Adopted

Universe: All Persons

PEPAR2TYP 2 | 143 (-1:3)

Demographics type of Parent 2 (PEPAR2)

Values: -1 = No Parent 2 present
1 = Biological
2 = Step
3 = Adopted

Universe: All Persons

PERRP 2 | 145 (40:59)

Expanded relationship categories

Values: 40 = Reference Person with Relatives
41 = Reference Person without Relatives
42 = Opposite Sex Spouse
43 = Opposite Sex Unmarried Partner with Relatives
44 = Opposite Sex Unmarried Partner without Relatives
45 = Same Sex Spouse
46 = Same Sex Unmarried Partner with Relatives
47 = Same Sex Unmarried Partner without Relatives
48 = Child
49 = Grandchild
50 = Parent
51 = Brother/Sister
52 = Other relative of Reference Person
53 = Foster Child
54 = Housemate/Roommate with Relatives
55 = Housemate/Roommate without Relatives
56 = Roomer/Boarder with Relatives
57 = Roomer/Boarder without Relatives
58 = Other Nonrelative of Reference Person with Relatives
59 = Other Nonrelative of Reference Person without Relatives

Universe: All Persons

PRCITSHP 1 | 147 (-4:5)

CITIZENSHIP GROUP

Values: 1 = Native, born in US
2 = Native, born in PR or US outlying area
3 = Native, born abroad of US parent(s)
4 = Foreign born, US cit by naturalization
5 = Foreign born, not a US citizen

Universe: All Persons

Variable	*Length*	*Position*	*Range*

PRDASIAN 2 | 148 (-1:7)

Detailed Asian Subgroup

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

Universe: PRDTRACE = 04

PRDISFLG 2 | 150 (-1:2)

Does this person have any of these disability conditions?

Values: -1 = NIU
1 = Yes
2 = No

Universe: PRPERTYP = 2

PRDTHSP 1 | 152 (0:8)

Detailed Hispanic recode

Values: 0 = Not in universe
1 = Mexican
2 = Puerto Rican
3 = Cuban
4 = Dominican
5 = Salvadoran
6 = Central American, (exc. Salv)
7 = South American
8 = Other Hispanic

Universe: PEHSPNON=1

PRDTRACE 2 | 153 (1:26)

Race

Values: 01 = White only
02 = Black only
03 = American Indian, Alaskan Native only (AI)
04 = Asian only
05 = Hawaiian/Pacific Islander only (HP)
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 = White-Black-AI
17 = White-Black-Asian
18 = White-Black-HP
19 = White-AI-Asian
20 = White-AI-HP
21 = White-Asian-HP
22 = Black-AI-Asian
23 = White-Black-AI-Asian
24 = White-AI-Asian-HP
25 = Other 3 race comb.
26 = Other 4 or 5 race comb.

Universe: All Persons

PRPERTYP 1 | 155 (-4:3)

Type of person record recode

Values: 1 = Child household member
2 = Adult civilian household member
3 = Adult Armed Forces household member

Universe: All Persons

SubTopic: *Allocation Flags*

AXAGE 1 | 156 (0:4)

Allocation flag for A_AGE

Values: 0 =No change
4=Allocated

Universe: All Persons

AXENRLW 1 | 157 (0:4)

Allocation flag for A_ENRLW

Values: 0 = No change or children or armed forces
4 = Allocated

Universe: All Persons

AXFTPT 1 | 158 (0:4)

Allocation flag for A_FTPT

Values: 0 = No change or children or armed forces
4 = Allocated

Universe: All Persons

Variable	*Length*	*Position*	*Range*

AXHGA 1 | 159 (0:4)

Allocation flag for A_HGA

Values: 0 = No change
4 = Allocated

Universe: All Persons

AXHSCOL 1 | 160 (0:4)

Allocation flag for A_HSCOL

Values: 0 = No change or children or armed forces
4 = Allocated

Universe: All Persons

AXSEX 1 | 161 (0:4)

Allocationf flag for A_SEX

Values: 0 = No change
4 = Allocated

Universe: All Persons

PXAFEVER 2 | 162 (0:53)

Allocation flag for PEAFEVER

Values: 00 = Value - no change or NIU
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

Universe: All Persons

PXAFWHN1 2 | 164 (-1:53)

Allocation flag for PEAFWHN1

Values: -1 = Not allocated
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

Universe: PEAFEVER=1

PXCERT1 2 | 166 (0:53)

Allocation flag for PECERT1

Values: -1 = Not in Universe for Certification Edit
00 = Not allocated
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

Universe: All Persons

PXCERT2 2 | 168 (0:53)

Allocation flag for PECERT2

Values: values are the same as PXCERT1

Universe: All Persons

Variable	*Length*	*Position*	*Range*
PXCERT3	2	170	(0:53)

Allocation flag for PECERT3

Values: values are the same as PXCERT1

Universe: All Persons

PXCOHAB	2	172	(-1:53)

Demographics allocation flag for PECOHAB

Values: -1 = Not allocated
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

Universe: All Persons

PXDISDRS	2	174	(-1:53)

Allocation Flag

Values: Values same as PXDISEAR

Universe: All Persons

PXDISEAR	2	176	(-1:53)

Allocation Flag

Values: -1 = Not allocated
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

Universe: All Persons

PXDISEYE	2	178	(-1:53)

Allocation Flag

Values: Values same as PXDISEAR

Universe: All Persons

PXDISOUT	2	180	(-1:53)

Allocation Flag

Values: Values same as PXDISEAR

Universe: All Persons

PXDISPHY	2	182	(-1:53)

Allocation Flag

Values: Values same as PXDISEAR

Universe: All Persons

PXDISREM	2	184	(-1:53)

Allocation Flag

Values: Values same as PXDISEAR

Universe: All Persons

PXFNTVTY	2	186	(0:53)

Allocation flag for PEFNTVTY

Values: Same as PXNATVTY

Universe: All Persons

Variable	*Length*	*Position*	*Range*

PXHSPNON 2 | 188 (0:53)

Allocation flag for PEHSPNON

Values: 00 = Not allocated
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

Universe: All Persons

PXINUSYR 2 | 190 (0:53)

Allocation flag for PEINUSYR

Values: Same as PXNATVTY

Universe: All Persons

PXMARITL 2 | 192 (-4:53)

Allocation flag for PEMARITL

Values: -1 = Not allocated
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

Universe: All persons 15+

PXMNTVTY 2 | 194 (0:53)

Allocation flag for PEMNTVTY

Values: Same as PXNATVTY

Universe: All Persons

PXNATVTY 2 | 196 (0:53)

Allocation flag for PENATVTY

Values: 00 = Not allocated
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

Universe: All Persons

PXPAR1 2 | 198 (-1:53)

Demographics Allocation flag for PEPAR1

Values: 00 = Not allocated
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

Universe: All Persons

Variable	Length	Position	Range

PXPAR1TYP 2 | 200 (-1:53)

Allocation flag for PEPAR2TYP

Values: Same as PXPAR1
Universe: All Persons

PXPAR2 2 | 202 (-1:53)

Allocation flag for PEPAR2

Values: Same as PXPAR1
Universe: All Persons

PXPAR2TYP 2 | 204 (-1:53)

Allocation flag for PEPAR2TYPE

Values: Same as PXPAR1
Universe: All Persons

PXRACE1 2 | 206 (0:53)

Allocation flag for PRDTRACE

Values: 00 = Not allocated
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

Universe: All Persons

PXRRP 2 | 208 (-4:53)

Allocation flag for PERRP

Values: -1 = Not allocated
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

Universe: All persons

Topic: Basic CPS Items

SubTopic: Edited Labor Force Items

A_HRS1 2 | 210 (-1:99)

How many hrs did ... work last week at all jobs?

Values: -1 = Not in universe
00 = Children and Armed Forces
01-99 = Number of hrs

Universe: PEMLR=1

A_MJIND 2 | 212 (-1:14)

Major industry code

Values: 0 = Not in universe, or children
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

Universe: A_CLSWKR = 1-7

Variable	*Length*	*Position*	*Range*

A_MJOCC 2 | 214 (-1:11)

Major occupation recode

Values: 0 = Not in universe or children
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

Universe: A_CLSWKR=1-7

PEABSRSN 2 | 216 (0:14)

What was the main reason...was absent from work last week?

Values: 0 = NIU
2 = Slack work/business conditions
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)

Universe: PEMLR = 2

PEIO1COW 2 | 218 (-4:11)

Individual class of worker on first job.

Values: 0 = NIU
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

Universe: All Persons

PEIOIND 4 | 220 (0:9999)

Industry

Values: 0 = Not in universe or children
See Appendix A for list of legal codes

Universe: CLSWKR = 1-7

PEIOOCC 4 | 224 (-1:9999)

Occupation

Values: -1 = Not in universe or children
See Appendix B for list of legal codes

Universe: CLSWKR = 1-7

PRDISC 1 | 228 (0:3)

Discouraged worker recode

Values: 0 = NIU
1 = Discouraged worker
2 = Conditionally interested
3 = Not available

Universe: All Persons

PRUNTYPE 1 | 229 (0:6)

Reason for unemployment

Values: 0 = NIU
1 = Job loser/on layoff
2 = Other job loser
3 = Temporary job ended
4 = Job leaver
5 = Re-entrant
6 = New-entrant

Universe: All Persons

SubTopic: *Edited Earnings Items*

A_GRSWK 4 | 230 (0:2885)

How much does ... usually earn per week at this job before deductions , subject to topcoding, the higher of either the amount of item 25a times Item 25c or the actual item 25d entry will be present.

Values: 0000 = Not in universe or children or Armed Forces
0001-2885 = Dollar amount

Universe: PRERELG=1

A_HERNTF 1 | 234 (0:1)

Current earnings - Hourly pay Topcoded flag

Values: 0 = Not topcoded
1 = Topcoded

Universe: All Persons

A_HRLYWK 1 | 235 (0:2)

Is ... paid by the hour on this job?

Values: 0 = Not in universe or children and Armed Forces
1 = Yes
2 = No

Universe: PRERELG=1

A_HRSPAY 4 | 236 (0:9999)

How much does ... earn per hour?

Values: 0000 = Not in universe or children and Armed Forces
0001-9999 = Entry (2 implied decimal places)

Universe: A_HRLYWK=1

Variable	*Length*	*Position*	*Range*

PRERELG 1 | 240 (0:1)

Earnings eligibility flag

Values: 0 = Not earnings eligible
1 = Earnings eligible

Universe: All Persons

PRWERNAL 1 | 241 (0:1)

Allocation flag for A_GRSWK

Values: 0 = Not allocated
1 = Allocated

Universe: PRERELG=1

SubTopic: *Labor Force Person Recodes*

A_CIVLF 1 | 242 (0:1)

Civilian labor force

Values: 0 = Not in universe or children and Armed Forces
1 = In universe

Universe: All Persons

A_CLSWKR 1 | 243 (0:8)

Class of worker

Values: 0 = Not in universe or children and Armed Forces
1 = Private
2 = Federal government
3 = State government
4 = Local government
5 = Self-employed-incorporated
6 = Self-employed-not incorporated
7 = Without pay
8 = Never worked

Universe: PEMLR=1-3 or (PEMLR=4-7 and person worked in the last 12 months)

A_DTIND 2 | 244 (0:52)

Detailed industry recode
See Appendix A for list of legal codes

Values: 00=Not in universe or children or Armed Forces

Universe: A_CLSWKR=1-7

A_DTOCC 2 | 246 (0:23)

Detailed occupation recode
See Appendix B for list of legal codes

Values: 00 =Not in universe for children or Armed Forces

Universe: A_CLSWKR=1-7

A_EXPLF 1 | 248 (0:2)

Experienced labor force employment status

Values: 0 = Not in experienced labor force
1 = Employed
2 = Unemployed

Universe: PEMLR=1-4

A_FTLF 1 | 249 (0:1)

Full/time labor force

Values: 0 = Not in universe or children and Armed Forces
1 = In universe

Universe: PEMLR=1-4

A_LFSR 1 | 250 (0:7)

Labor force status recode

Values: 0 = Children or Armed Forces
1 = Working
2 = With job, not at work
3 = Unemployed, looking for work
4 = Unemployed, on layoff
7 = Nilf

Universe: All Persons

A_NLFLJ 1 | 251 (-1:7)

When did ... last work for pay at a regular job or business, either full- time or part-time

Values: 0 = Not in universe or children and Armed Forces
1 = Within a past 12 months
3 = More than 12 months ago
7 = Never worked

Universe: PEMLR=5,6,or 7

A_PAYABS 1 | 252 (0:3)

Is ... receiving wages or salary for any of the time off last week?

Values: 0 = Not in universe or children and Armed Forces
1 = Yes
2 = No
3 = Self-employed

Universe: PEMLR = 2

A_UNCOV 1 | 253 (0:2)

On this job, is ... covered by a union or employee association contract?

Values: 0 = Not in universe or children and Armed Forces
1 = Yes
2 = No

Universe: A_UNMEM=2

A_UNMEM 1 | 254 (0:2)

On this job, is ... a member of a labor union or of an employee association similar to a union?

Values: 0 = Not in universe or children and Armed Forces
1 = Yes
2 = No

Universe: PRERELG=1

Variable	*Length*	*Position*	*Range*

A_UNTYPE 1 | 255 (0:5)

Reason for unemployment

Values: 0 = Not in universe or children and Armed Forces
1 = Job loser - on layoff
2 = Other job loser
3 = Job leaver
4 = Re-entrant
5 = New entrant

Universe: A_LFSR=3 or 4

A_USLFT 1 | 256 (0:2)

Does ... usually work 35 hrs or more a week at this job?

Values: 0 = Not in universe or children and Armed Forces
1 = Yes
2 = No

Universe: A_HRS1 LE 34

A_USLHRS 2 | 257 (-4:99)

How many hrs per week does ... usually work at this job?

Values: -4 = Hours vary
-1 = Not in universe
00 = None, no hours
01-99 = Entry

Universe: All Persons

A_WANTJB 1 | 259 (0:2)

Does ... want a regular job now, either full or part-time?

Values: 0 = Not in universe or children and Armed Forces
1 = Yes
2 = No

Universe: PEMLR=5,6,7

A_WERNTF 1 | 260 (0:1)

Current earnings - Weekly pay Topcoded flag

Values: 0 = Not topcoded
1 = Topcoded

Universe: All Persons

A_WHENLJ 1 | 261 (0:5)

When did ... last work?

Values: 0 = Not in universe or children and Armed Forces
1 = In last 12 months
2 = More than 12 months ago
5 = Never worked at all

Universe: PEMLR=4

A_WHYABS 1 | 262 (0:8)

Why was ... absent from work last week?

Values: 0 = Not in universe or children and Armed Forces
1 = Own illness
2 = On vacation
3 = Bad weather
4 = Labor dispute
8 = Other

Universe: PEMLR=2

A_WKSCH 1 | 263 (0:4)

Labor force by time worked or lost

Values: 0 = Not in universe
1 = At work
2 = With job, not at work
3 = Unemployed, seeks FT
4 = Unemployed, seeks PT

Universe: All Persons

A_WKSLK 3 | 264 (0:99)

Duration of unemployment

Values: 000 = NIU, Children or Armed Forces
001-999 = Entry

Universe: PEMLR=3 or 4

A_WKSTAT 1 | 267 (0:7)

Full/part-time status

Values: 0 = Children or Armed Forces
1 = Not in labor force
2 = Full-time schedules
3 = Part-time for economic reasons, usually FT
4 = Part-time for non-economic reasons, usually PT
5 = Part-time for economic reasons, usually PT
6 = Unemployed FT
7 = Unemployed PT

Universe: All Persons

PEHRUSLT 3 | 268 (-4:198)

Hours usually worked last week

Values: -4 = Hours vary
-1 = NIU - adult civilian
000 = NIU - children or Armed Forces or no hours
1-198 = # of hours

Universe: All Persons

Variable	*Length*	*Position*	*Range*

PEMLR 1 | 271 (0:7)

Major labor force recode

Values: 0 = NIU
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

Universe: All Persons

PRCOW1 1 | 272 (0:6)

Class of worker recode-job 1

Values: 0 = NIU
1 = Federal govt
2 = State govt
3 = Local govt
4 = Private (incl. self-employed incorp.)
5 = Self-employed, unincorp.
6 = Without pay

Universe: All Persons

PRNLFSCH 1 | 273 (0:2)

Not in Labor Force (NLF) activity in school or not in school

Values: 0 = NIU
1 = In school
2 = Not in school

Universe: All Persons

PRPTREA 2 | 274 (0:23)

Detailed reason for part-time

Values: 0 = NIU
1 = Usually FT - slack work/business conditions
2 = Usually FT - seasonal work
3 = Usually FT - job started/ended during week
4 = Usually FT - vacation/personal day
5 = Usually FT - own illness/injury/medical appt
6 = Usually FT - holiday (religious or legal)
7 = Usually FT - child care problems
8 = Usually FT - other fam/pers obligations
9 = Usually FT - labor dispute
10 = Usually FT - weather affected job
11 = Usually FT - school/training
12 = Usually FT - civic/military duty
13 = Usually FT - other reason
14 = Usually PT - slack work/business conditions
15 = Usually PT - PT could only find PT work
16 = Usually PT - seasonal work
17 = Usually PT - child care problems
18 = Usually PT - other fam/pers obligations
19 = Usually PT - health/medical limitations
20 = Usually PT - school/training
21 = Usually PT - retired/social security limit on earnings
22 = Usually PT - workweek<35 hours
23 = Usually PT - other

Universe: Part time workers

PRWKSTAT 2 | 276 (0:12)

Full/part-time work status

Values: 00 = NIU
01 = Not in labor force
02 = FT hours (35+), usually FT
03 = PT for economic reasons, usually FT
04 = PT for non-economic reasons, usually FT
05 = Not at work, usually FT
06 = PT hrs, usually PT for economic reasons
07 = PT hrs, usually PT for non-economic
08 = FT hours, usually PT for economic reasons
09 = FT hours, usually PT for non-economic reasons
10 = Not at work, usually part-time
11 = Unemployed FT
12 = Unemployed PT

Universe: All Persons

SubTopic: *Allocation Flags*

AXCLSWKR 1 | 278 (0:4)

Allocation flag for A_CLSWKR

Values: 0 = No change or children or armed forces
4 = Allocated

Universe: All Persons

AXHRLYWK 1 | 279 (0:4)

Allocation flag for A_HRLYWK

Values: 0 = No change or children or armed forces
4 = Allocated

Universe: All Persons

AXHRS 1 | 280 (0:4)

Allocation flag for A_HRS

Values: 0 = No change or children or armed forces
4 = Allocated

Universe: All Persons

AXLFSR 1 | 281 (0:4)

Allocation flag for A_LFSR

Values: 0 = No change or children or armed forces
4 = Allocated

Universe: All Persons

AXNLFLJ 1 | 282 (0:4)

Allocation flag for A_NLFLJ

Values: 0 = No change or children or armed forces
4 = Allocated

Universe: All Persons

Variable	Length	Position	Range

AXPAYABS 1 | 283 (0:4)

Allocation flag for A_PAYABS

Values: 0 = No change or children or armed forces
4 = Allocated

Universe: All Persons

AXUNCOV 1 | 284 (0:4)

Allocation flag for A_UNCOV

Values: 0 = No change or children or armed forces
4 = Allocated

Universe: All Persons

AXUNMEM 1 | 285 (0:4)

Allocation flag for AXUNMEM

Values: 0 = No change or children or armed forces
4 = Allocated

Universe: All Persons

AXUSLHRS 1 | 286 (0:4)

Allocation flag for AXUSLHRS

Values: 0 = No change or children or armed forces
4 = Allocated

Universe: All Persons

AXWHYABS 1 | 287 (0:4)

Allocation flag for AXWHYABS

Values: 0 = No change or children or armed forces
4 = Allocated

Universe: All Persons

PRCITFLG 2 | 288 (0:53)

Allocation flag for PRCITSHP

Values: 00 = Value - no change
10 = Value to value
21 = Blank to longitudinal value
40 = Value to allocated value
41 = Blank to allocated value

Universe: All persons

PRHERNAL 1 | 290 (0:1)

Allocation flag for A_HRSPAY

Values: 0 = Not allocated
1 = Allocated

Universe: All Persons

PXSPOUSE 2 | 291 (-4:53)

Allocation flag for PESPOUSE

Values: -1 = Not allocated
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

Universe: A_MARITL=1 or 2

Topic: Work Experience

SubTopic: General

CLWK 1 | 293 (0:5)

LONGEST JOB CLASS OF WORKER (RECODE)

Values: 0 = NIU
1 = PRIVATE
2 = GOVERNMENT
3 = SELF-EMPLOYED
4 = WITHOUT PAY
5 = NEVER WORKED

Universe: All Persons aged 15+

EARNER 1 | 294 (0:2)

EARNER STATUS RECODE

Values: 0 = NIU
1 = EARNER
2 = NONEARNER

Universe: All Persons aged 15+

HRCHECK 1 | 295 (0:2)

interviewer check item - number of hours in item 41 is?

Values: 0 = niu
1 = part time
2 = full time

Universe: WKSWORK > 0

Variable	*Length*	*Position*	*Range*

HRSWK 2 | 296 (0:99)

In the weeks that ... worked how may hours did ... usually work per week?

Values: 0 = niu
1 = 1 hour ... 99 = 99 hours plus

Universe: WKSWORK > 0

INDUSTRY 4 | 298 (0:9999)

Industry of longest job last year. See Appendix A for values.

Values: 0 = niu
1-9999 = industry code

Universe: WKSWORK > 0

LJCW 1 | 302 (0:7)

longest job class of worker

Values: 0 = niu
1 = private
2 = federal
3 = state
4 = local
5 = self employed incorporated, yes
6 = self employed incorporated, no or farm
7 = without pay

Universe: WKSWORK > 0

LKNONE 1 | 303 (0:1)

You said... worked about (entry in item 33) weeks in 20... how many of the remaining (52 minus entry in item 33) weeks was ... looking for work or on layoff from a job?

Values: 0 = niu
1 = no weeks looking for work or on layoff

Universe: WKSWORK = 1-51

LKSTRCH 1 | 304 (0:3)

Were the (entry in item 36) weeks ... was looking for work (or on layoff), all in one stretch?

Values: 0 = niu
1 = yes, 1 stretch
2 = no, 2 stretches
3 = no, 3 plus stretches

Universe: Entry in LKWEEKS

LKWEEKS 2 | 305 (0:51)

In how many of the remaining weeks was ... looking for work or on layoff from a job?

Values: 0 = niu
1 = 01 weeks ... 51 = 51 weeks

Universe: WKSWORK = 1-51

LOSEWKS 1 | 307 (0:2)

Did ... lose any full weeks of work in 20.. because was on layoff from a job or lost a job?

Values: 0 = niu
1 = yes
2 = no

Universe: WKSWORK = 50 or 51

NOEMP 1 | 308 (0:6)

Counting all locations where this employer operates, what is the total number of persons who work for ...'s employer?

Values: 0 = niu
1 = under 10
2 = 10 - 24
3 = 25 - 99
4 = 100 - 499
5 = 500 - 999
6 = 1000+

Universe: WKSWORK > 0

NWLKWK 2 | 309 (0:52)

How may different weeks was ... looking for work or on layoff?

Values: 0 = niu
1 = 1 week ... 52 = 52 weeks

Universe: NWLOOK = 1

NWLOOK 1 | 311 (0:2)

Even though ... did not work in 20.. did spend and time trying to find a job or on layoff?

Values: 0 = niu
1 = yes
2 = no

Universe: WORKYN = 2

OCCUP 4 | 312 (0:9999)

Occupation of longest job last year. See Appendix B for values.

Values: 0 = niu;
1-9999 = occupation code

Universe: WKSWORK > 0

PHMEMPRS 1 | 316 (0:3)

For how many employers did ... work in 20..? if more than one at same time, only count it as one employer.

Values: 0 = niu
1 = one employer
2 = two employers
3 = 3 or more employers

Universe: WKSWORK > 0

POCCU2 2 | 317 (0:53)

OCCUP. OF LONGEST JOB BY DETAILED GROUPS

Values: See Appendix B for values and descriptions

Universe: WKSWORK > 0

Variable	*Length*	*Position*	*Range*

PTRSN 1 | 319 (0:4)

What was the main reason ... worked less than 35 hours per week?

Values: 0 = niu
1 = could only find pt job
2 = wanted part time
3 = slack work
4 = other

Universe: PTYN=1 or HRCHECK=1

PTWEEKS 2 | 320 (0:52)

How many weeks did ... work less than 35 hours in 20..?

Values: 0 = niu
1 = 1 week ... 52 = 52 weeks

Universe: PTYN=1 or HRCHECK=1

PTYN 1 | 322 (0:2)

Did ... work less than 35 hours for at least one week in 20..? (exclue time off with pay because of holidays, vacation, days off, or sickness.)

Values: 0 = niu
1 = yes
2 = no

Universe: HRCHECK = 2

PYRSN 1 | 323 (0:6)

What was the main reason ... was not working or looking for work in the remaining weeks of 20..?

Values: 0 = niu
1 = ill or disabled
2 = taking care of home
3 = going to school
4 = retired
5 = no work available
6 = other

Universe: Sum of entries in WKSWORK and LKWEEKS add to a number less than 52

RSNNOTW 1 | 324 (0:6)

What was the main reason ... did not work in 20..?

Values: 0 = niu
1 = ill or disabled
2 = retired
3 = taking care of home
4 = going to school
5 = could not find work
6 = other

Universe: WORKYN = 2

WECLW 1 | 325 (0:9)

PERSONS 15+ -- LONGEST JOB CLASS OF WORKER

Values: 0 = NOT IN UNIVERSE
AGRICULTURE:
1 = WAGE AND SALARY
2 = SELF-EMPLOYED
3 = UNPAID
NONAGRICULTURE:
4 = PRIVATE HOUSEHOLD
5 = OTHER PRIVATE
6 = GOVERNMENT
7 = SELF-EMPLOYED
8 = UNPAID
9 = NEVER WORKED

Universe: All Persons aged 15+

WEIND 2 | 326 (0:23)

IND. OF LONGEST JOB BY DETAILED GROUPS

Values: 0 = NIU
See Appendix A for values.

Universe: All Persons aged 15+

WELKNW 1 | 328 (0:7)

WEEKS LOOKING - NONWORKERS RECODE

Values: 0 = NIU
1 = NONE (NOT LOOKING FOR WORK)
2 = 1 TO 4 WEEKS LOOKING
3 = 5 TO 14 WEEKS LOOKING
4 = 15 TO 26 WEEKS LOOKING
5 = 27 TO 39 WEEKS LOOKING
6 = 40 OR MORE WEEKS LOOKING
7 = WORKERS WHOSE ENTRIES

Universe: All Persons aged 15+

WEMIND 2 | 329 (0:15)

IND. OF LONGEST JOB BY MAJOR IND. GROUPS

Values: 0 = NIU
See Appendix A for vlaues.

Universe: All Persons aged 15+

WEMOCG 2 | 331 (0:24)

OCCUP. OF LONGEST JOB BY MAJOR GROUPS

Values: 0 = NIU
See Appendix B for values.

Universe: All Persons aged 15+

Variable	*Length*	*Position*	*Range*

WEUEMP 1 | 333 (0:9)

PART YEAR WORKER WEEKS RECODE LOOKING

Values: 0 = NIU
1 = NONE
2 = 1 TO 4 WEEKS
3 = 5 TO 10 WEEKS
4 = 11 TO 14 WEEKS
5 = 15 TO 26 WEEKS
6 = 27 TO 39 WEEKS
7 = 40 OR MORE WEEKS
8 = FULL YEAR WORKER
9 = NONWORKER

Universe: All Persons aged 15+

WEWKRS 1 | 334 (0:5)

WEEKS WORKED RECODE

Values: 0 = NIU
FULL YEAR WORKER:
1 = FULL TIME
2 = PART TIME
PART YEAR WORKER:
3 = FULL TIME
4 = PART TIME
5 = NONWORKER

Universe: All Persons aged 15+

WEXP 2 | 335 (0:13)

WORKED FULL/PART TIME RECODE

Values: 00 = NIU WORKED
FULL TIME:
01 = 50 TO 52 WEEKS
02 = 48 TO 49 WEEKS
03 = 40 TO 47 WEEKS
04 = 27 TO 39 WEEKS
05 = 14 TO 26 WEEKS
06 = 13 WEEKS OR LESS WORKED
PART TIME:
07 = 50 TO 52 WEEKS
08 = 48 TO 49 WEEKS
09 = 40 TO 47 WEEKS
10 = 27 TO 39 WEEKS
11 = 14 TO 26 WEEKS
12 = 13 WEEKS OR LESS
13 = NONWORKER

Universe: All Persons aged 15+

WKCHECK 1 | 337 (0:3)

Interviewer check item - number of weeks in item 34

Values: 0 = niu
1 = 1-49 weeks
2 = 50-51 weeks
3 = 52 weeks

Universe: Persons 15+ with WORKYN = 1

WKSWORK 2 | 338 (0:52)

During 20.. in how many weeks did ... work even for a few hours? (include paid vacation and sick leave as work.)

Values: 0 = niu
1 = 1 week ... 52 = 52 weeks

Universe: Persons 15+ with WORKYN = 1

WORKYN 1 | 340 (0:2)

Did ... work at a job or business at any time during 20..?

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

WRK_CK 1 | 341 (0:2)

Worked last year recode, including temporary and part-time

Values: 0 = niu
1 = yes
2 = no

Universe: All persons 15+

WTEMP 1 | 342 (0:2)

Did ... do any temporary, part-time, or seasonal work even for a few days during 20..?

Values: 0 = niu
1 = yes
2 = no

Universe: WORKYN = 2

SubTopic: *Allocation Flags*

I_HRCHK 1 | 343 (0:9)

Allocation flag for HRCHK

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: HRCHK > 0

I_HRSWK 1 | 344 (0:9)

Allocation flag for HRSWK

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: HRSWK > 0

I_INDUS 1 | 345 (0:9)

Allocation flag for INDUS

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: WKSWRK > 0

Variable	*Length*	*Position*	*Range*
I_LJCW	1	346	(0:9)

Allocation flag for LJCW

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: LJCW > 0

I_LKSTR	1	347	(0:9)

Allocation flag for LKSTR

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: LKSTR > 0

I_LKWEEK	1	348	(0:9)

Allocation flag for LKWEEK

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: LKWEEK > 0

I_LOSEWK	1	349	(0:9)

Allocation flag for LOSEWK

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: LOSEWK > 0

I_NOEMP	1	350	(0:9)

Allocation flag for NOEMP

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: NOEMP > 0

I_NWLKWK	1	351	(0:9)

Allocation flag for NWLKWK

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: NWLKWK > 0

I_NWLOOK	1	352	(0:9)

Allocation flag for NWLOOK

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: NWLOOK > 0

I_OCCUP	1	353	(0:9)

Allocation flag for OCCUP

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: WKSWRK > 0

I_PHMEMP	1	354	(0:9)

Allocation flag for PHMEMP

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: PHMEMP > 0

I_PTRSN	1	355	(0:9)

Allocation flag for PTRSN

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: PTRSN

I_PTWKS	1	356	(0:9)

Allocation flag for PTWKS

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: PTWKS > 0

I_PTYN	1	357	(0:9)

Allocation flag for PTYN

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: PTYN > 0

I_PYRSN	1	358	(0:9)

Allocation flag for PYRSN

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: PYRSN > 0

I_RSNNOT	1	359	(0:9)

Allocation flag for RSNNOT

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: RSNNOT > 0

Variable	*Length*	*Position*	*Range*

I_WKCHK 1 | 360 (0:9)

Allocation flag for WKCHK

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: WKCHK > 0

I_WKSWK 1 | 361 (0:9)

Allocation flag for WKSWK

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: WKSWK

I_WORKYN 1 | 362 (0:9)

Allocation flag for WORK_YN

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: All persons 15+

I_WTEMP 1 | 363 (0:9)

Allocation flag for WTEMP

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe:

Topic: Income

SubTopic: Earnings

ERN_OTR 1 | 364 (0:2)

wage and salary money earned from other work, y/n

Values: 0 = niu
1 = yes
2 = no

Universe: All persons aged 15+

ERN_SRCE 1 | 365 (0:4)

source of earnings from longest job

Values: 0 = niu
1 = wage and salary
2 = self employment
3 = farm self employment
4 = without pay

Universe: ERN_YN = 1

ERN_VAL 7 | 366 (-999999:9999999)

How much did ... earn from this employer before deductions in 20..? what was ... net earnings from this business/ farm after expenses during 20..?

Values: 0 = none or NIU
-9,999 - 9,999,999 = wages & self-employment

Universe: ERN_YN = 1

ERN_YN 1 | 373 (0:2)

Earnings from employer or net earnings from business/ farm after expenses from longest job during 20.. ?

Values: 0 = niu
1 = yes
2 = no

Universe: WORKYN=1 OR WTEMP=1

FRM_VAL 7 | 374 (-999999:999999)

amount of farm self-employment earnings from secondary source

Values: 0 = none or niu;
-999999-999999 = farm self employment

Universe: FRMOTR = 1

FRMOTR 1 | 381 (0:2)

receiving farm self-employment from secondary source

Values: 0 = niu
1 = yes
2 = no

Universe: ERN_OTR = 1

FRSE_VAL 7 | 382 (-9999999:9999999)

total amount of farm self-employment earnings (combined amounts in ern-val, if ern-srce=3, and frse-val)

Values: 0 = none or niu;
-9999999-9999999 = farm self employment

Universe: ERN_YN=1 or FRMOTR=1

FRSE_YN 1 | 389 (0:2)

receiving any farm self-employment

Values: 0= Niu
1= Yes
2= No

Universe: ERN_YN=1 or FRMOTR=1

PEARNVAL 8 | 390 (-99999:99999999)

total persons earnings

Values: 0 = none;
negative amt = income (loss);
positive amt = income

Universe: All Persons aged 15+

Variable	*Length*	*Position*	*Range*

SE_VAL 6 | 398 (-99999:999999)

amount of own business self-employment earnings from secondary source

Values: 0 = none or niu;
-99999-999999 = own business self employment

Universe: SEOTR = 1

SEMP_VAL 7 | 404 (-999999:9999999)

total own business self-employment earnings (combined amounts in ern-val, if ern-srce=2, and se-val)

Values: 0 = none or niu;
-999999-9999999 = own business self employment

Universe: ERN_YN=1 or SEOTR=1

SEMP_YN 1 | 411 (0:2)

receiving own business self-employment, y/n

Values: 0 = niu
1 = yes
2 = no

Universe: ERN_YN=1 or SEOTR=1

SEOTR 1 | 412 (0:2)

receiving own business self-employment earnings from secondary source, y/n

Values: 0 = niu
1 = yes
2 = no

Universe: ERN_OTR = 1

WAGEOTR 1 | 413 (0:2)

receiving wage and salary earnings from other employers, y/n

Values: 0 = niu
1 = yes
2 = no

Universe: ERN_OTR = 1

WS_VAL 7 | 414 (0:9999999)

amount of wage and salary earnings from other employers

Values: 0 = none or niu;
1-9999999 = wage and salary

Universe: ERN_OTR = 1

WSAL_VAL 7 | 421 (0:9999999)

total wage and salary earnings (combined amounts in ern-val, if ern-srce=1, and ws-val)

Values: 0 = none or niu;
1-9999999 = wage and salary

Universe: ERN_YN=1 or WAGEOTR=1

WSAL_YN 1 | 428 (0:2)

receiving wage and salary earnings

Values: 0 = niu
1 = yes
2 = no

Universe: ERN_YN=1 or WAGEOTR=1

SubTopic: *Other Income*

ANN_VAL 6 | 429 (-1:999999)

Retirement income, annuities amount

Values: -1 = niu
0-999999 = dollar amount

Universe: ANN_YN = 1

ANN_YN 1 | 435 (0:2)

Retirement income, annuities, y/n

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

CAP_VAL 6 | 436 (0:999999)

capital gains value

Values: 0 = none or niu
1-999999 = captial gains amount

Universe: CAP_YN = 1

CAP_YN 1 | 442 (0:2)

Yes/no answer to 'Did you receive capital gain from your shares of stock or mutual fund?'. (unedited variable is ucap_yn).

Values: 0 = niu
1 = yes
2 = no

Universe: DIV_YN = 1

DBTN_VAL 7 | 443 (0000000:9999999)

Total amount of retirement distributions received (dst_val1 + dst_val2)

Values: 0 = none or niu
1-9999999 = dollar amount

Universe: DST_VAL1>0 OR DST_VAL2>0

DIS_CS 1 | 450 (0:2)

Who in this household retired or left a job for health reasons?

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

Variable	*Length*	*Position*	*Range*

DIS_HP 1 | 451 (0:2)

Who has a health problem or a disability which prevents work or which limits the kind or amount of work?

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

DIS_SC1 2 | 452 (00:10)

What was the source of disability income?

Values: 0 = NIU
1 = worker's compensation
2 = company or union disability
3 = federal government disability
4 = US military retirement disability
5 = state or local gov't employee disability
6 = US railroad retirement disability
7 = accident or disability insurance
8 = blacklung miners disability
9 = state temporary sickness
10 = other or don't know

Universe: DIS_YN=1

DIS_SC2 2 | 454 (00:10)

What was the source of disability income?

Values: 0 = NIU
1 = worker's compensation
2 = company or union disability
3 = federal government disability
4 = US military retirement disability
5 = state or local gov't employee disability
6 = US railroad retirement disability
7 = accident or disability insurance
8 = blacklung miners disability
9 = state temporary sickness
10 = other or don't know

Universe: DIS_YN=1

DIS_VAL1 6 | 456 (0:999999)

How much did ... receive (source type) during 20.. ?

Values: 0 = none or niu
1-999999 = disability income

Universe: DIS_SC1>0

DIS_VAL2 6 | 462 (00000:999999)

How much did ... receive (source type) during 20.. ?

Values: 0 = none or niu
1-999999 = disability income

Universe: DIS_SC2>0

DIS_YN 1 | 468 (0:2)

Other than social security did ... receive any income in 20.. as a result of health problems?

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

DIV_VAL 6 | 469 (000000:999999)

How much did ... receive in dividends from stocks or mutual funds during 20.. ?

Values: 0 = none or niu
1-999999 = dividends

Universe: DIV_YN = 1

DIV_YN 1 | 475 (0:2)

Did ... receive dividends?

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

DSAB_VAL 6 | 476 (000000:999999)

Total amount of disability income received, combined amounts in edited sources one and two

Values: 0 = none or niu
1-999999 = disability income

Universe: DIS_VAL1>0 OR DIS_VAL2>0

DST_SC1 1 | 482 (0:7)

Retirement income distribution source 1

Values: 0 = NIU
1 = 401k account
2 = 403b account
3 = Roth IRA
4 = Regular IRA
5 = KEOGH plan
6 = SEP plan (Simplified Employee Pension)
7 = Other type of retirement account

Universe: DST_VAL1 > 0 and a_age ≥ 58

DST_SC1_YNG 1 | 483 (0:7)

Retriement Distribution source 1, person under age 58

Values: 0 = NIU
1 = 401k account
2 = 403b account
3 = Roth IRA
4 = Regular IRA
5 = KEOGH plan
6 = SEP plan (Simplified Employee Pension)
7 = Other type of retirement account

Universe: DST_YN_YNG = 1 and a_age < 58

Variable	*Length*	*Position*	*Range*

DST_SC2 1 | 484 (0:7)

Retirement income, distribution source 2

Values: 0 = NIU
1 = 401k account
2 = 403b account
3 = Roth IRA
4 = Regular IRA
5 = KEOGH plan
6 = SEP plan (Simplified Employee Pension)
7 = Other type of retirement account

Universe: DST_VAL2 > 0 and a_age ≥ 58

DST_SC2_YNG 1 | 485 (0:7)

Retriement Distribution source 2, person under age 58

Values: 0 = NIU
1 = 401k account
2 = 403b account
3 = Roth IRA
4 = Regular IRA
5 = KEOGH plan
6 = SEP plan (Simplified Employee Pension)
7 = Other type of retirement account

Universe: DST_VAL_YNG > 0 and a_age < 58

DST_VAL1 6 | 486 (000000:999999)

Retirement income amount distribution source 1

Values: 0 = none or niu
1-999,999 = amount withdrawn or distributed

Universe: DST_SC1 = 1

DST_VAL1_YNG 6 | 492 (000000:999999)

Retriement Distribution amount 1, under age 58

Values: 0 = none or niu
1- 999,999 = amount withdrawn or distributed

Universe: DST_SC1_YNG = 1

DST_VAL2 6 | 498 (000000:999999)

Retirement income amount, distribution source 2

Values: 0 = none or niu
1- 999,999 = amount withdrawn or distributed

Universe: DST_SC2 = 1

DST_VAL2_YNG 6 | 504 (000000:999999)

Retriement Distribution amount 2, under age 58

Values: 0 = none or niu
1-999,999 = amount withdrawn or distributed

Universe: DST_SC2_YNG = 1

DST_YN 1 | 510 (0:2)

Retirement income distribution y/n

Values: 0 = niu
1 = yes
2 = no

Universe: Persons aged 58 and over (a_age ≥ 58)

DST_YN_YNG 1 | 511 (0:2)

Retriement Distribution Recipiency, person under age 58

Values: 0 = niu
1 = yes
2 = no

Universe: Persons under age 58 (a_age < 58)

ED_VAL 5 | 512 (0:99999)

total amount of educational assistance received (combined amounts in pell grant and other educational) assistance during 20.. ?

Values: 0 = none or niu;
1- 99,999 = dollar amount

Universe: ED_YN = 1

ED_YN 1 | 517 (0:2)

Did ... receive educational assistance?

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

FAMREL 2 | 518 (1:11)

Family relationship

Values: Primary and unrelated subfamily only
1 = Reference person of family
2 = Spouse of reference person
Child of reference person:
3 = Under 18 years, single (never married)
4 = Under 18 years, ever married
5 = 18 years and over
Grandchild of reference person:
6 = Grandchild of reference person
Other relative of family of reference person:
7 = Under 18 years, single (never married)
8 = Under 18 years, ever married
9 = 18 years and over
Not in a family:
Unrelated individual:
10 = Nonfamily householder
11 = Secondary individual

Universe: All Persons

FIN_VAL 6 | 520 (0:999999)

How much did ... receive in financial assistance income during 20.. ?

Values: 0 = none or niu
1-999999 = financial assistance

Universe: FIN_YN = 1

Variable	*Length*	*Position*	*Range*

FIN_YN 1 | 526 (0:2)

Did ... receive financial assistance?

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

INT_VAL 6 | 527 (0:999999)

Edited total combined interest income

Values: 0 = none or niu;
1- 999,999 = dollar amount

Universe: INT_YN = 1

INT_YN 1 | 533 (0:2)

Edited total combined interest income, y/n

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

OED_TYP1 1 | 534 (0:2)

source 1 other than gi bill received (OED_TYP1- source of other government assistance)

Values: 0 = niu
1 = yes
2 = no

Universe: ED_YN = 1

OED_TYP2 1 | 535 (0:2)

source 2 other than gi bill received (OED_TYP2- scholarships, grants etc. from the school)

Values: 0 = niu
1 = yes
2 = no

Universe: ED_YN = 1

OED_TYP3 1 | 536 (0:2)

source other than gi bill received (OED_TYP3- other assistance (employers friends, etc.)

Values: 0 = niu
1 = yes
2 = no

Universe: ED_YN = 1

OI_OFF 2 | 537 (0:20)

other income sources

Values: 0=niu
1=social security
2=private pensions
3=afdc
4=other public assistance
5=interest
6=dividends
7=rents or royalties
8=estates or trusts
9=state disability payments (worker's comp)
10=disability payments (own insurance)
11=unemployment compensation
12=strike benefits
13=annuities or paid up insurance policies
14=not income
15=longest job
16=wages or salary
17=nonfarm self-employment
18=farm self-employment
19=anything else
20=alimony

Universe: OI_YN = 1

OI_VAL 6 | 539 (0:999999)

how much did ... receive in other incomes

Values: 0 = none or niu
1-999999 = other income

Universe: OI_YN = 1

OI_YN 1 | 545 (0:2)

Did ... receive cash income not already covered from any other source?

Values: 0 = none or niu
1 = yes
2 = no

Universe: All Persons aged 15+

PEN_SC1 1 | 546 (0:8)

Retirement income, pension source 1

Values: 0 = niu
1 = Company pension
2 = Union pension
3 = Federal government pension
4 = State government pension
5 = Local government pension
6 = US Military pension
7 = US Railroad Retirement
8 = Other

Universe: PEN_YN = 1

Variable	*Length*	*Position*	*Range*

PEN_SC2 1 | 547 (0:8)

Retirement income, pension source 2

Values: 0 = niu
1 = Company pension
2 = Union pension
3 = Federal government pension
4 = State government pension
5 = Local government pension
6 = US Military pension
7 = US Railroad Retirement
8 = Other

Universe: PEN_VAL2 > 0

PEN_VAL1 6 | 548 (0:999999)

Retirement income amount, pension source 1

Values: 0 = none or niu;
1- 999,999 = pension income

Universe: PEN_SC1 > 0

PEN_VAL2 6 | 554 (0:999999)

Retirement income amount, pension source 2

Values: 0 = none or niu;
1-999,999 = pension income

Universe: PEN_SC2 > 0

PEN_YN 1 | 560 (0:2)

Retirement income, pension y/n

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

PNSN_VAL 7 | 561 (0:9999999)

total combined amount of pension income received from all pension sources

Values: 0 = none or niu
1- 9,999,999 = retirement income

Universe: PEN_YN = 1

POTHVAL 8 | 568 (-99999:99999999)

All income not from earnings

Values: 0 = none
negative amt = income (loss)
positive amt = income

Universe: All Persons aged 15+

PTOT_R 2 | 576 (0:41)

TOTAL PERSON INCOME RECODE

Values: 0 = NO INCOME
1 = UNDER $2,500 OR LOSS
2 = $2,500 TO $4,999
3 = $5,000 TO $7,499
4 = $7,500 TO $9,999
5 = $10,000 TO $12,499
6 = $12,500 TO $14,999
7 = $15,000 TO $17,499
8 = $17,500 TO $19,999
9 = $20,000 TO $22,499
10 = $22,500 to $24,999
11 = $25,000 to $27,499
12 = $27,500 to $29,999
13 = $30,000 to $32,499
14 = $32,500 to $34,999
15 = $35,000 to $37,499
16 = $37,500 to $39,999
17 = $40,000 to $42,499
18 = $42,500 to $44,999
19 = $45,000 to $47,499
20 = $47,500 to $49,999
21 = $50,000 to $52,499
22 = $52,500 to $54,999
23 = $55,000 to $57,499
24 = $57,500 to $59,999
25 = $60,000 to $62,499
26 = $62,500 to $64,999
27 = $65,000 to $67,499
28 = $67,500 to $69,999
29 = $70,000 to $72,499
30 = $72,500 to $74,999
31 = $75,000 to $77,499
32 = $77,500 to $79,999
33 = $80,000 to $82,499
34 = $82,500 to $84,999
35 = $85,000 to $87,499
36 = $87,500 to $89,999
37 = $90,000 to $92,499
38 = $92,500 to $94,999
39 = $95,000 to $97,499
40 = $97,500 to $99,999
41 = $100,000 and over

Universe: All Persons aged 15+

PTOTVAL 8 | 578 (-99999:99999999)

total persons income

Values: 0 = none
negative amt = income (loss)
positive amt = income

Universe: All Persons aged 15+

Variable	*Length*	*Position*	*Range*

RESNSS1 1 | 586 (0:8)

What were the reasons (you/name) (was/were) getting Social Security Income last year?

Values: 0 = niu
1 = retired
2 = disabled (adult or child)
3 = widowed
4 = spouse
5 = surviving child
6 = dependent child
7 = on behalf of surviving, dependent, or disabled child(ren)
8 = other (adult or child)

Universe: SS_YN = 1

RESNSS2 1 | 587 (0:8)

second reason you are getting Social Security Income last year?

Values: 0 = niu
1 = retired
2 = disabled (adult or child)
3 = widowed
4 = spouse
5 = surviving child
6 = dependent child
7 = on behalf of surviving, dependent, or disabled child(ren)
8 = other (adult or child)

Universe: SS_YN = 1

RESNSSI1 1 | 588 (0:5)

What were the reasons (you/name) (was/were) getting Supplemental Security Income last year?

Values: 0 = niu
1 = disabled (adult or child)
2 = blind (adult or child)
3 = on behalf of a disabled child
4 = on behalf of a blind child
5 = other (adult or child)

Universe: SSI_YN = 1

RESNSSI2 1 | 589 (0:5)

Second reason getting Supplemental Security Income last year?

Values: 0 = niu
1 = disabled (adult or child)
2 = blind (adult or child)
3 = on behalf of a disabled child
4 = on behalf of a blind child
5 = other (adult or child)

Universe: SSI_YN = 1

RETCB_VAL 5 | 590 (0:99999)

Retirement contributiion, amount

Values: 0 = none or niu;
1-99999 = amount contributed

Universe: RETCB_YN = 1

RETCB_YN 1 | 595 (0:2)

Retirement contribution, y/n

Values: 0 = niu
1 = yes
2 = no

Universe: All people 15 years and over

RINT_SC1 1 | 596 (0:7)

Interest income, retirement source 1

Values: 0 = NIU
1 = 401k account
2 = 403b account
3 = Roth IRA
4 = Regular IRA
5 = KEOGH plan
6 = SEP plan (Simplified Employee Pension)
7 = Other type of retirement account

Universe: RINT_YN = 1

RINT_SC2 1 | 597 (0:7)

Interest income, retirement source 2

Values: 0 = NIU
1 = 401k account
2 = 403b account
3 = Roth IRA
4 = Regular IRA
5 = KEOGH plan
6 = SEP plan (Simplified Employee Pension)
7 = Other type of retirement account

Universe: RINT_YN = 1

RINT_VAL1 6 | 598 (0:999999)

Interest income amt, retirement source 1

Values: 0 = none or niu;
1-999999 = ret interest income

Universe: RINT_SC1 > 0

RINT_VAL2 6 | 604 (0:999999)

Interest income amt, retirement source 2

Values: 0 = none or niu;
1-999999 = ret interest income

Universe: RINT_SC2 > 0

RINT_YN 1 | 610 (0:2)

Interest income - retirement, y/n

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

Variable	*Length*	*Position*	*Range*

RNT_VAL 6 | 611 (-9999:999999)

How much did ... receive in income from rent after expenses during 20..?

Values: 0 = none or niu;
-9999-999999 = rental income

Universe: RNT_YN = 1

RNT_YN 1 | 617 (0:2)

Did ... own any land, property, rented to others, or receive income from royalties, roomers or boarders, or from estates or trusts?

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

SRVS_VAL 6 | 618 (0:999999)

total amount of survivor's income received (combined amounts in edited sources sur_val1 and sur_val2 plus the unedited sources 3 & 4 starting in 1995)

Values: 0 = none or niu;
1-999999 = income amount

Universe: SUR_YN = 1

SS_VAL 5 | 624 (0:99999)

How much did ... receive in social security payments during 20.. ?

Values: 0 = none or niu;
1-99999 = social security

Universe: SS_YN = 1

SS_YN 1 | 629 (0:2)

Who received social security payments either for themselves or as combined payments with other family members?

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

SSI_VAL 5 | 630 (0:99999)

How much did ... receive in supplemental security income during 20..?

Values: 0 = none or niu
1-99999 = supplemental security income

Universe: SSI_YN = 1

SSI_YN 1 | 635 (0:2)

Did ... received ssi?

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

STRKUC 1 | 636 (0:2)

At any time during 20.. did ... receive any union unemployment or strike benefits?

Values: 0 = niu
1 = yes
2 = no

Universe: UC_YN = 1

SUBUC 1 | 637 (0:2)

At any time during 20.. did ... receive any supplemental unemployment benefits?

Values: 0 = niu
1 = yes
2 = no

Universe: UC_YN = 1

SUR_SC1 2 | 638 (0:10)

What was the source of this other widow or survivor income?

Values: 0 = none or niu
1 = company or union survivor pension
2 = federal government
3 = US military retirement survivor pension
4 = state or local gov't survivor pension
5 = US railroad retirement survivor pension
6 = worker compensation survivor
7 = black lung
8 = regular payments from estates or trusts
9 = regular payments from annuities or paid-up life insurance
10 = other or don't know

Universe: SUR_YN = 1

SUR_SC2 2 | 640 (0:10)

What was the source of this other widow or survivor income?

Values: 0 = none or niu
1 = company or union survivor pension
2 = federal government
3 = US military retirement survivor pension
4 = state or local gov't survivor pension
5 = US railroad retirement survivor pension
6 = worker compensation survivor
7 = black lung
8 = regular payments from estates or trusts
9 = regular payments from annuities or paid-up life insurance
10 = other or don't know

Universe: SUR_YN = 1

SUR_VAL1 6 | 642 (00000:999999)

How much did ... receive (survivor source type) during 20.. ?

Values: 0 = none or niu;
1-999,999 = survivor's income

Universe: SUR_YN = 1

Variable	*Length*	*Position*	*Range*

SUR_VAL2 6 | 648 (00000:999999)

How much did ... receive (source type) during 20.. ?

Values: 0 = none or niu;
1-999,999 = survivor's income

Universe: SUR_YN = 1

SUR_YN 1 | 654 (0:2)

During 20.. did ... receive any survivor benefits such as widow's pensions, estates, trusts, insurance annuities, or other survivor's income?

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

TRDINT_VAL 5 | 655 (0:99999)

Interest amount, exlcuding retirment account interest.

Values: dollar value

Universe: INT_YN = 1

TSURVAL1 1 | 660 (0:1)

Survivor income source 1, topcoded flag

Values: 0 = not topcoded;
1 = topcoded

Universe: SUR_VAL1 > 0

TSURVAL2 1 | 661 (0:1)

Survivor income source 2, topcoded flag

Values: 0 = not topcoded;
1 = topcoded

Universe: SUR_VAL2 > 0

UC_VAL 5 | 662 (0:99999)

How much did ... receive in unemployment benefits during 20..?

Values: 0 = none or niu
1-99999 = unemployment compensation

Universe: UC_YN = 1

UC_YN 1 | 667 (0:2)

Any type of unemployment compensation? (Combination of subuc, strkuc, and uctot_yn)

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

VET_QVA 1 | 668 (0:2)

Is ... required to fill out an annual income questionnaire for the veteran's administration?

Values: 0 = niu
1 = yes
2 = no

Universe: VET_YN = 1

VET_TYP1 1 | 669 (0:2)

What type of veterans payments did .... receive? (VET_TYP1- disability compensation?)

Values: 0 = niu
1 = yes
2 = no

Universe: VET_YN = 1

VET_TYP2 1 | 670 (0:2)

What type of veterans payments did .... receive? (VET_TYP2- survivor benefits?)

Values: 0 = niu
1 = yes
2 = no

Universe: VET_YN = 1

VET_TYP3 1 | 671 (0:2)

What type of veterans payments did .... receive? (VET_TYP3- veteran's pension?)

Values: 0 = niu
1 = yes
2 = no

Universe: VET_YN = 1

VET_TYP4 1 | 672 (0:2)

What type of veterans payments did .... receive? (VET_TYP4- education assistance?)

Values: 0 = niu
1 = yes
2 = no

Universe: VET_YN = 1

VET_TYP5 1 | 673 (0:2)

What type of veterans payments did .... receive? (VET_TYP5- other veteran's payments?)

Values: 0 = niu
1 = yes
2 = no

Universe: VET_YN = 1

VET_VAL 6 | 674 (0:999999)

How much did ... receive from veterans' administration during 20..?

Values: 0 = none or niu
1-999999 = veterans' payments

Universe: VET_YN = 1

Variable	*Length*	*Position*	*Range*

VET_YN 1 | 680 (0:2)

Did ... receive veterans' payments?

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

WC_TYPE 1 | 681 (0:4)

What was source of these payments?

Values: 0 = not in universe
1 = state worker's compensation
2 = employer or employers insurance
3 = own insurance
4 = other

Universe: WC_YN = 1

WC_VAL 5 | 682 (0:99999)

How much compensation did ... receive during 20..?

Values: 0 = none or niu
1-99999 = worker's compensation

Universe: WC_YN = 1

WC_YN 1 | 687 (0:2)

During 20.. did ... receive any worker's compensation payments or other payments as a result of a job related injury or illness?

Values: 0 = niu
1 = yes
2 = no

Universe: All Persons aged 15+

SubTopic: *Non-cash Benefits*

PAW_MON 2 | 688 (0:12)

In how many months of 20.. did ... receive public assistance payments?

Values: 0 = niu
1 = one month ... 12 = twelve months

Universe: PAW_YN = 1

PAW_TYP 1 | 690 (0:3)

What type of program did... receive CASH assistance?

Values: 0 = niu
1 = TANF/AFDC
2 = other
3 = both

Universe: PAW_YN = 1

PAW_VAL 5 | 691 (00000:99999)

How much did ... receive in public assistance or welfare during 20..?

Values: 0 = none or niu;
1-99999 = public assistance

Universe: PAW_YN = 1

PAW_YN 1 | 696 (0:2)

At any time during 20.., even for one month, did... receive an CASH assistance from a state or county welfare program such as (State program name fill)?

Values: 0= Niu
1= Yes
2= No

Universe: All Persons aged 15+

PENINCL 1 | 697 (0:2)

Was ... included in that plan?

Values: 0 = niu
1 = yes
2 = no

Universe: PENPLAN = 1

PENPLAN 1 | 698 (0:2)

Other than social security did the employer or union that ... worked for in 20.. have a pension or other type of retirement plan?

Values: 0 = niu
1 = yes
2 = no

Universe: WRK_CK = 1

WICYN 1 | 699 (0:2)

Who received WIC?

Values: 0 = niu
1 = received WIC
2 = did not receive WIC

Universe: Adult female

SubTopic: *Supplemental Poverty Measure*

CHCARE_YN 1 | 700 (0:2)

Paid child care was needed for this child?

Values: 0= Niu
1= Yes
2= No

Universe: Persons age 15+ with chirldren

CHELSEW_YN 1 | 701 (0:2)

Does this person have a child living outside the household?

Values: 0= Niu
1= Yes
2= No

Universe: All Persons aged 15+

CHSP_VAL 5 | 702 (00000:99999)

What is the annual amount of child support paid?

Values: 0 = NIU
1:99999 = amount paid in child support

Universe: CHSP_YN = 1

Variable	*Length*	*Position*	*Range*
CHSP_YN	1	707	(0:2)

Is this person required to pay child support?

Values: 0= Niu
1= Yes
2= No

Universe: CHELSEW_YN

CSP_VAL	5	708	(0:99999)

How much did ... receive in child support payments?

Values: 0 = none or niu
1-99999 = child support

Universe: CSP_YN = 1

CSP_YN	1	713	(0:2)

Did ... receive child support payments?

Values: 0= Niu
1= Yes
2= No

Universe: All Persons aged 15+

SubTopic: *Tax Model Items*

ACTC_CRD	5	714	(0000:99999)

Additional child tax credit

Values: 0 = none
1-99999 = dollar amount

Universe: Tax unit head or dependent filer

AGI	7	719	(-9999:9999999)

Adjusted gross income

Values: 0 = none
dollar amount

Universe: Tax unit head or dependent filer

CTC_CRD	5	726	(00000:99999)

Child tax credit

Values: 0 = none
1-99999 = dollar amount

Universe: Tax unit head or dependent filer

DEP_STAT	2	731	(01:16)

dependency status pointer

Values: 0 = not a dependent
01-16 = person index of tax filing unit head

Universe: Dependent in a tax unit

EIT_CRED	4	733	(0:9999)

earn income tax credit

Values: 0 = none;
1-9999 = dollar amount

Universe: Tax unit head or dependent filer

FED_RET	6	737	(0:999999)

federal retirement payroll deduction

Values: 0 = none; dollar amount

Universe: Tax unit head or dependent filer

FEDTAX_AC	7	743	(-9999:9999999)

federal income tax liability, after all credits

Values: 0 = none; dollar amount

Universe: Tax unit head or dependent filer

FEDTAX_BC	7	750	(-9999:9999999)

federal income tax liability, before credits

Values: 0 = none; dollar amount

Universe: Tax unit head or dependent filer

FICA	5	757	(0:99999)

social security retirement payroll deduction

Values: 0 = none
1-99999 = dollar amount

Universe: All persons

FILESTAT	1	762	(1:6)

tax filer status

Values: 1 = joint, both<65
2 = joint, one ><65 & one 65+
3 = joint, both 65+
4 = head of household
5 = single
6 = non-filer

Universe: All persons

MARG_TAX	2	763	(00:99)

marginal tax rate

Values: 0 = none; marginal rate

Universe: Tax unit head or dependent filer

PRSWKXPNS	4	765	(0:1999)

Work Expenses

Values: 0=none; dollar amount

Universe: A_AGE > 17 or HHDFMX = 1,2,46, or 47

Variable	*Length*	*Position*	*Range*

STATETAX_A 6 | 769 (-9999:9999999)

state income tax liability, after all credits

Values: 0 = none; dollar amount
Universe: Tax unit head or dependent filer

STATETAX_B 6 | 775 (-9999:9999999)

state income tax liability, before credits

Values: 0 = none; dollar amount
Universe: Tax unit head or dependent filer

TAX_ID 10 | 781 (000000000:9999999999)

Tax unit ID number

Values: 0000000000-9999999999 = tax unit ID number
Universe: All persons

TAX_INC 7 | 791 (-9999:9999999)

taxable income amount

Values: 0 = none; dollar amount
Universe: Tax unit head or dependent filer

SubTopic: *Allocation Flags*

I_ANNVAL 1 | 798 (0:9)

Allocation flag for ANN_VAL

Values: Levels 1-3 indicate imputations use of income range responses and 4-8 indicate imputations without range responses. Within each group, lower numbers indicate more match variables (and better matches). Non-respondents to value questions can provide values in one of five range bins. For example, non-respondents can provide earnings from the longest job in these categories: 1) < 15,000, 2) 15,000-30,000, 3) 30,001-44,499, 4) 45,000-60,000, and 5) > 60,000. The range bins differ by income type to better match the range of incomes in that income. In levels 1-3, non-respondents are matched to respondents with values in the range bin they indicated. Full record imputation indicates that an individual did not provide sufficient income information and all income recipiency and value variables were imputed.

0 = No allocation
1 = Level 1 statistical match (value with ranges)
2 = Level 2 statistical match (value with ranges)
3 = Level 3 statistical match (value with ranges)
4 = Level 101 statistical match (value without ranges, recipiency '_yn')
5 = Level 102 statistical match (value without ranges, recipiency '_yn')
6 = Level 103 statistical match (value without ranges, recipiency '_yn')
7 = Level 104 statistical match (age, sex)
8 = Level 105 statistical match (all donors can match to all recipients)
9 = FL_665 ≠ 1 (full record impute)

Universe: ANN_YN =1

I_ANNYN 1 | 799 (0:9)

Allocation flag for ANN_YN

Values: See I_ANNVAL for allocation flag values.
Universe: ANN_YN > 0

I_CAPVAL 1 | 800 (0:9)

Allocation flag for CAP_VAL

Values: See I_ANNVAL for allocation flag values.
Universe: CAP_VAL > 1

I_CAPYN 1 | 801 (0:9)

Allocation flag for CAP_YN

Values: See I_ANNVAL for allocation flag values.
Universe: CAP_YN > 0

I_CHCAREYN 1 | 802 (0:9)

Allocation flag for CHCARE_YN

Values: 0 = No allocation
1 = Allocated
Universe: CHCARE_YN > 0

I_CHELSEWYN 1 | 803 (0:9)

Allocation flag for CHELSEW_YN

Values: See I_ANNVAL for allocation flag values.
Universe: CHELSEW_YN > 0

I_CHSPVAL 1 | 804 (0:9)

Allocation flag for CHSP_VAL

Values: See I_ANNVAL for allocation flag values.
Universe: CHSP_YN = 1

I_CHSPYN 1 | 805 (0:9)

Allocation flag for CHSP_YN

Values: See I_ANNVAL for allocation flag values.
Universe: CHELSEW_YN = 1

I_CSPVAL 1 | 806 (0:9)

Allocation flag for CSP_VAL

Values: See I_ANNVAL for allocation flag values.
Universe: CSP_YN = 1

I_CSPYN 1 | 807 (0:9)

Allocation flag for CSP_YN

Values: See I_ANNVAL for allocation flag values.
Universe: CSP_YN > 0

Variable	*Length*	*Position*	*Range*
I_DISCS	1	808	(0:9)

Allocation flag for DIS_CS

Values: See I_ANNVAL for allocation flag values.
Universe: DIS_CS > 0

I_DISHP	1	809	(0:9)

Allocation flag for DIS_HP

Values: See I_ANNVAL for allocation flag values.
Universe: DIS_HP > 0

I_DISSC1	1	810	(0:9)

Allocation flag DIS_SC1

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)
Universe: DIS_SC1 > 0

I_DISSC2	1	811	(0:9)

Allocation flag for DIS_SC2

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)
Universe: DIS_SC2 > 0

I_DISVL1	1	812	(0:9)

Allocation flag for DIS _VAL1

Values: See I_ANNVAL for allocation flag values.
Universe: DIS_VAL1 > 0

I_DISVL2	1	813	(0:9)

Allocation flag for DIS _VAL2

Values: See I_ANNVAL for allocation flag values.
Universe: DIS_VAL2 > 0

I_DISYN	1	814	(0:9)

Allocation flag for DIS_YN

Values: See I_ANNVAL for allocation flag values.
Universe: DIS_YN > 0

I_DIVVAL	1	815	(0:9)

Allocation flag for DIV_VAL

Values: See I_ANNVAL for allocation flag values.
Universe: DIV_YN = 1

I_DIVYN	1	816	(0:1)

Allocation flag for DIV_YN

Values: See I_ANNVAL for allocation flag values.
Universe: All Persons 15+

I_DSTSC	1	817	(0:9)

Allocation flag for DST_SC(2)

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)
Universe: DST_YN =1

I_DSTSCCOMP	1	818	(0:9)

Allocation flag for all sources of retirement distributions, DST_SC(2)

Values: See I_ANNVAL for allocation flag values.
Universe: DST_YN = 1 or DST_YNG_YN = 1

I_DSTVAL1COMP	2	819	(0:11)

Composite allocation flag, distribution amount from first retirement, DST_VAL1

Values: See I_INTYN for allocation flag values.
Universe:

I_DSTVAL2COMP	2	821	(0:11)

Composite allocation flag, distribution amount from second retirement account, DST_VAL2

Values: See I_INTYN for allocation flag values.
Universe: DST_VAL2> 0

I_DSTYNCOMP	2	823	(0:11)

Composite allocation flag, distribution from retirement account, DST_YN

Values: See I_INTYN for allocation flag values.
Universe: DST_YN > 0

I_EDTYP	1	825	(0:9)

Allocation flag for PG_YN and OED_TYP(1-3)

Values: See I_ANNVAL for allocation flag values.
Universe: PG_YN or OED_TYP(1-3) > 0

I_EDYN	1	826	(0:9)

Allocation flag for ED_YN

Values: See I_ANNVAL for allocation flag values.
Universe: ED_YN > 0

Variable	*Length*	*Position*	*Range*

I_ERNSRC 1 | 827 (0:9)

Allocation flag for ERN_SRCE

Values: See I_ANNVAL for allocation flag values.
Universe: ERN_SRCE > 0

I_ERNVAL 1 | 828 (0:9)

Allocation flag for ERN_VAL

Values: See I_ANNVAL for allocation flag values.
Universe: ERN_VAL > 0

I_ERNYN 1 | 829 (0:9)

Allocation flag for ERN_YN

Values: See I_ANNVAL for allocation flag values
Universe: ERN_YN > 0

I_FINVAL 1 | 830 (0:9)

Allocaiton flag for FIN_VAL

Values: See I_ANNVAL for allocation flag values.
Universe: FIN_VAL > 0

I_FINYN 1 | 831 (0:9)

Allocaiton flag for FIN_YN

Values: See I_ANNVAL for allocation flag values.
Universe: FIN_YN > 0

I_FRMVAL 1 | 832 (0:9)

Allocation flag for FRM_VAL

Values: See I_ANNVAL for allocation flag values.
Universe: FRM_VAL > 0

I_FRMYN 1 | 833 (0:9)

Allocaiton flag for FRM_YN

Values: See I_ANNVAL for allocation flag values.
Universe: FRM_YN > 0

I_INTVAL 2 | 834 (0:15)

Composite allocation flag incorporating information for all interest components

Values: *Composite Value Variable*
A composite value variable is created with multiple value inputs. For example, INT_VAL is the total income value of interest earned from bonds, certificates of deposit (CD), checking accounts, money market accounts, savings accounts, and interest earned on retirement accounts. Imputation for non-response was conducted on the component variables.

Applies to I_INTVAL, I_UCVAL, I_SSVAL, I_SSIVAL, I_VETVAL

0 = No allocation
11 = Value imputed is less than 25% of total in composite variable
12 = Value imputed is between 25-50% of total in composite variable
13 = Value imputed is between 50-75% of total in composite variable
14 = Value imputed is between 75-100% of total in composite variable
15 = Value is 100% imputed in composite variable

Universe: INT_VAL> 0

I_INTYN 2 | 836 (0:11)

Composite allocation flag for all interest components

Values: *Composite Recipiency Variable*
A composite recipiency variable is created with multiple source inputs. For example, INT_YN is determined by whether an individual has income in any of the following: interest earned from bonds, certificates of deposit (CD), checking accounts, money market accounts, savings accounts, and interest earned on retirement accounts. Imputation for non-response was conducted on the component variables.

Applies to I_INTYN, I_UCYN, I_SSYN, I_SSIYN, I_DSTYNCOMP, I_DSTVAL1COMP, I_DSTVAL2COMP

0 = No allocation
10 = Some of the components are imputed
11 = All of the components imputed

Universe: INT_YN > 0

I_OEDVAL 1 | 838 (0:9)

Allocation flag for OED_VAL

Values: See I_ANNVAL for allocation flag values.
Universe: OED_VAL > 0

I_OIVAL 1 | 839 (0:9)

Allocation flag for OI_VAL

Values: See I_ANNVAL for allocation flag values.
Universe: OI_VAL > 0

Variable	*Length*	*Position*	*Range*
I_PAWMO	1	840	(0:9)

Allocation flag for PAW_MON

Values: See I_ANNVAL for allocation flag values.
Universe: PAW_MON > 0

I_PAWTYP	1	841	(0:9)

Allocation flag for PAW_TYP

Values: See I_ANNVAL for allocation flag values.
Universe: PAW_TYP > 0

I_PAWVAL	1	842	(0:9)

Allocation flag for PAW_VAL

Values: See I_ANNVAL for allocation flag values.
Universe: PAW_VAL > 0

I_PAWYN	1	843	(0:9)

Allocation flag for PAW_YN

Values: See I_ANNVAL for allocation flag values.
Universe: PAW_YN > 0

I_PENINC	1	844	(0:9)

Allocation flag for PENINC

Values: See I_ANNVAL for allocation flag values.
Universe: PENINC > 0

I_PENPLA	1	845	(0:9)

Allocation flag for PENPLAN

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)
Universe: PENPLAN > 0

I_PENSC1	1	846	(0:9)

Allocation flag for PEN_SC1

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)
Universe: PEN_SC1 > 0

I_PENSC2	1	847	(0:9)

Allocation flag PEN_SC2

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)
Universe: PEN_SC2 > 0

I_PENVAL1	1	848	(0:9)

Allocation flag, PEN_VAL1

Values: See I_ANNVAL for allocation flag values.
Universe: PEN_VAL1 > 0

I_PENVAL2	1	849	(0:9)

Allocation flag PEN_VAL2

Values: See I_ANNVAL for allocation flag values.
Universe: PEN_VAL2 > 0

I_PENYN	1	850	(0:9)

Allocation flag for PEN_YN

Values: See I_ANNVAL for allocation flag values.
Universe: PEN_YN > 0

I_RETCBVAL	1	851	(0:9)

Imputation flag for RETCB_VAL

Values: See I_ANNVAL for allocation flag values.
Universe: RETCB_VAL > 0

I_RETCBYN	1	852	(0:9)

Imputation flag for RETCB_YN

Values: See I_ANNVAL for allocation flag values.
Universe: RETCB_YN > 0

I_RINTSC	1	853	(0:9)

Allocation flag for RINT_SC1

Values: See I_ANNVAL for allocation flag values
Universe: RINT_SC1 > 0

I_RINTVAL1	1	854	(0:9)

Allocation flag for RINT_VAL1

Values: See I_ANNVAL for allocation flag values
Universe: RINT_VAL1 > 0

I_RINTVAL2	1	855	(0:9)

Allocation flag for RINT_VAL2

Values: See I_ANNVAL for allocation flag values
Universe: RINT_VAL2 > 0

I_RINTYN	1	856	(0:9)

Allocation flag for RINT_YN

Values: See I_ANNVAL for allocation flag values
Universe: RINT_YN > 0

Variable	*Length*	*Position*	*Range*
I_RNTVAL	1	857	(0:9)

Allocation flag for RNT_VAL

Values: See I_ANNVAL for allocation flag values
Universe: RNT_VAL > 0

I_RNTYN	1	858	(0:9)

Allocation flag for RNT_YN

Values: See I_ANNVAL for allocation flag values
Universe: RNT_YN > 0

I_SEVAL	1	859	(0:9)

Allocation flag for SE_VAL

Values: See I_ANNVAL for allocation flag values
Universe: SE_VAL > 0

I_SEYN	1	860	(0:9)

Allocation flag for SEOTR

Values: See I_ANNVAL for allocation flag values
Universe: SE_YN > 0

I_SSIVAL	2	861	(0:15)

Allocation flag for SSI_VAL

Values: See I_INTVAL for allocation flag values.
Universe: SSI_VAL > 0

I_SSIYN	2	863	(0:11)

Allocation flag for SSI_YN

Values: See I_INTYN for allocation flag values.
Universe: SSI_YN > 0

I_SSVAL	2	865	(0:15)

Composite allocation flag for SS_VAL

Values: See I_INTVAL for allocation flag values.
Universe: SS_VAL > 0

I_SSYN	2	867	(0:11)

Composite allocation flag for SS_YN

Values: See I_INTYN for allocation flag values.
Universe: SS_YN > 0

I_SURSC1	1	869	(0:9)

Allocation flag for SUR_SC1

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)
Universe: SUR_SC1 > 0

I_SURSC2	1	870	(0:9)

Allocation flag for SUR_SC2

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)
Universe: SUR_SC2 > 0

I_SURVL1	1	871	(0:9)

Allocation flag for SUR_VAL1

Values: See I_ANNVAL for allocation flag values
Universe: SUR_VAL1 > 0

I_SURVL2	1	872	(0:9)

Allocation flag for SUR_VAL2

Values: See I_ANNVAL for allocation flag values
Universe: SURV_VAL2 > 0

I_SURYN	1	873	(0:9)

Allocation flag for SUR_YN

Values: See I_ANNVAL for allocation flag values
Universe: SUR_YN > 0

I_UCVAL	2	874	(0:15)

Composite allocation flag for all unemployment compensation compenents

Values: See I_INTVAL for allocation flag values.
Universe: UC_VAL > 0

I_UCYN	2	876	(0:11)

Composite allocation flag for all unemployment compensation compenents

Values: See I_INTYN for allocation flag values.
Universe: UC_YN > 0

I_VETQVA	1	878	(0:9)

Allocation flag for VET_QVA

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)
Universe: VET_QVA > 0

Variable	*Length*	*Position*	*Range*
I_VETTYP	1	879	(0:9)

Allocation flag for VET_TYP

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: VET_TYP > 0

I_VETVAL	2	880	(0:15)

Composite allocation flag for all components of veterans income

Values: See I_INTVAL for allocation flag values.

Universe: VET_VAL > 0

I_VETYN	1	882	(0:9)

Allocation flag for VET_YN

Values: See I_ANNVAL for allocation flag values

Universe: VET_YN > 0

I_WCTYP	1	883	(0:9)

Allocation flag for WC_TYPE

Values: 0 = No change
1 = Allocated
9 = Full record imputation (FL_665 ≠ 1)

Universe: WC_TYPE > 0

I_WCVAL	1	884	(0:9)

Allocation flag for WC_VAL

Values: See I_ANNVAL for allocation flag values

Universe: WC_VAL > 0

I_WCYN	1	885	(0:9)

Allocation flag for WC_YN

Values: See I_ANNVAL for allocation flag values

Universe: WC_YN > 0

I_WSVAL	1	886	(0:9)

Allocation flag for WS_VAL

Values: See I_ANNVAL for allocation flag values

Universe: WS_VAL > 0

I_WSYN	1	887	(0:9)

Allocation flag for WS_YN

Values: See I_ANNVAL for allocation flag values

Universe: WS_YN > 0

RESNSSA	1	888	(0:9)

Allocation flag for RESNSS

Values: See I_ANNVAL for allocation flag values

Universe: RESNSS > 0

RESNSSIA	1	889	(0:9)

Allocation flag for RESNSSI1-2

Values: See I_ANNVAL for allocation flag values

Universe: RESNSSI > 0

WICYNA	1	890	(0:1)

Allocation flag for WICYN

Values: 0 = Not allocated or NIU
1 = Allocated

Universe: WICYN > 0

SubTopic: *Topcoding Flags*

TANN_VAL	1	891	(0:1)

Topcode flag for ANN_VAL

Values: 0 = not topcoded
1 = topcoded

Universe: ANN_VAL > 0

TCAP_VAL	1	892	(0:1)

Topcode flag for CAP_VAL

Values: 0 = not topcoded
1 = topcoded

Universe: CAP_VAL > 0

TCERNVAL	1	893	(0:1)

Topcode flag for ERN_VAL

Values: 0 = not topcoded;
1 = topcoded

Universe: ERN_VAL > 0

TCFFMVAL	1	894	(0:1)

Topcode flag for FRM_VAL

Values: 0 = not topcoded;
1 = topcoded

Universe: FRM_VAL > 0

TCHSP_VAL	1	895	(0:1)

Topcode flag for CHSP_VAL

Values: 0 = not topcoded;
1 = topcoded

Universe: CHSP_VAL > 0

Variable	*Length*	*Position*	*Range*
TCSEVAL	1	896	(0:1)
Topcode flag for SE_VAL			
Values: 0 = not topcoded; 1 = topcoded			
Universe: SE_VAL > 0			
TCSP_VAL	1	897	(0:1)
Topcode flag for CSP_VAL			
Values: 0 = not topcoded; 1 = topcoded			
Universe: CSP_VAL > 0			
TCWSVAL	1	898	(0:1)
Topcode flag for WS_VAL			
Values: 0 = not topcoded; 1 = topcoded			
Universe: WS_VAL > 0			
TDISVAL1	1	899	(0:1)
Topcode flag for DIS_VAL1			
Values: 0 = not topcoded; 1 = topcoded			
Universe: DIS_VAL1 > 0			
TDISVAL2	1	900	(0:1)
Topcode flag for DIS_VAL2			
Values: 0 = not topcoded 1 = topcoded			
Universe: DIS_VAL2 > 0			
TDIV_VAL	1	901	(0:1)
Topcode flag for DIV_VAL			
Values: 0 = not topcoded 1 = topcoded			
Universe: DIV_VAL > 0			
TDST_VAL1	1	902	(0:1)
Topcode flag for DST_VAL1			
Values: 0 = not topcoded 1 = topcoded			
Universe: DST_VAL1 > 0			
TDST_VAL1_YNG	1	903	(0:1)
topcode flag for DST_VAL1_YNG			
Values: 0 = not topcoded 1 = topcoded			
Universe: DST_VAL1_YNG > 0			
TDST_VAL2	1	904	(0:1)
Topcode flag for DST_VAL2			
Values: 0 = not topcoded 1 = topcoded			
Universe: DST_VAL2 > 0			
TDST_VAL2_YNG	1	905	(0:1)
Topcode flag for DST_VAL2_YNG			
Values: 0 = not topcoded 1 = topcoded			
Universe: DST_VAL2_YNG >0			
TED_VAL	1	906	(0:1)
Topcode flag for ED_VAL			
Values: 0 = not topcoded 1 = topcoded			
Universe: ED_VAL > 0			
TFIN_VAL	1	907	(0:1)
Topcode flag for FIN_VAL			
Values: 0 = not topcoded; 1 = topcoded			
Universe: FIN_VAL > 0			
TOI_VAL	1	908	(0:1)
Topcode flag for OI_VAL			
Values: 0 = not topcoded 1 = topcoded			
Universe: OI_VAL > 0			
TPEN_VAL1	1	909	(0:1)
Topcode flag for PEN_VAL1			
Values: 0 = not topcoded 1 = topcoded			
Universe: PEN_VAL1 > 0			
TPEN_VAL2	1	910	(0:1)
Topcode flag for PEN_VAL2			
Values: 0 = not topcoded 1 = topcoded			
Universe: PEN_VAL2 > 0			
TRINT_VAL1	1	911	(0:1)
Topcode flag for RINT_VAL1			
Values: 0 = not topcoded 1 = topcoded			
Universe: RINT_VAL1 > 0			

Variable	Length	Position	Range
TRINT_VAL2	1	912	(0:1)

Topcode flag for RINT_VAL2

Values: 0 = not topcoded
1 = topcoded

Universe: RINT_VAL2 > 0

Variable	Length	Position	Range
TRNT_VAL	1	913	(0:1)

Rent income, topcoded flag

Values: 0 = not topcoded;
1 = topcoded

Universe: RNT_VAL > 0

Variable	Length	Position	Range
TTRDINT_VAL	1	914	(0:1)

Topcode flag for TRDINT_VAL (interest income excluding retirement interest)

Values: 0 = not topcoded;
1 = topcoded

Universe: TRDINT_VAL > 0

Topic: Poverty

SubTopic: Poverty

Variable	Length	Position	Range
PERLIS	2	915	(-1:4)

POVERTY LEVEL OF PERSONS (SUBFAMILY MEMBERS HAVE PRIMARY FAMILY RECODE)

Values: -1 = NOT IN POVERTY UNIVERSE
1 = BELOW POVERTY LEVEL
2 = 100 - 124 PERCENT OF THE POVERTY LEVEL
3 = 125 - 149 PERCENT OF THE POVERTY LEVEL
4 = 150 AND ABOVE THE POVERTY LEVEL

Universe: All Persons

Variable	Length	Position	Range
POV_UNIV	1	917	(0:1)

POVERTY UNIVERSE FLAG

Values: 0 = NOT IN POVERTY UNIVERSE
1 = IN POVERTY UNIVERSE

Universe: All Persons

Topic: Health Insurance

SubTopic: Any health insurance coverage

Variable	Length	Position	Range
COV	1	918	(0:2)

Any health insurance coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

Variable	Length	Position	Range
COV_CYR	1	919	(0:3)

Any coverage last year

Values: 0=Infant born after calendar year
1=No Coverage
2=Coverage for some of year
3=Coverage for all of year

Universe: All persons

Variable	Length	Position	Range
COV_MULT_CYR	1	920	(0:3)

Concurrent coverage last year

Values: 0=Infant born after calendar year
1=No months with concurrent coverage
2=Some months with concurrent coverage
3=Concurrent coverage all year

Universe: All persons

Variable	Length	Position	Range
NOCOV_CYR	1	921	(0:3)

No health coverage recode

Values: 0=Infant born after calendar year
1=Coverage for all of year
2=No coverage for some of year
3=No coverage for full year

Universe: All persons

Variable	Length	Position	Range
NOW_COV	1	922	(1:2)

Currently covered by health insurance coverage

Values: 1= Yes
2= No

Universe: All Persons

SubTopic: Public coverage

Variable	Length	Position	Range
I_NOW_PUB	1	923	(0:3)

Allocation flag for NOW_PUB

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

Variable	Length	Position	Range
I_PUB	2	924	(-1:3)

Allocation flag for PUB

Values: -1= Infant born after calendar year
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

Variable	*Length*	*Position*	*Range*

NOW_PUB 1 | 926 (1:2)

Current public coverage

Values: 1= Yes
2= No

Universe: All Persons

PUB 1 | 927 (0:2)

Public coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

PUB_CYR 1 | 928 (0:3)

Public coverage last year

Values: 0=Infant born after calendar year
1=Covered none of last year
2=Covered some of last year
3=Covered all of last year

Universe: All persons

SubTopic: *Private coverage*

DEPPRIV 1 | 929 (0:2)

Private coverage through household member last year

Values: 0= Niu
1= Yes
2= No

Universe: PRIV = 1

I_DEPPRIV 2 | 930 (-1:3)

Allocation flag for DEPPRIV

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PRIV = 1

I_NOW_DEPPRIV 2 | 932 (-1:3)

Allocation flag for NOW_DEPPRIV

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_PRIV = 1

I_NOW_OUTPRIV 2 | 934 (-1:3)

Allocation flag for NOW_OUTPRIV

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_PRIV = 1

I_NOW_OWNPRIV 2 | 936 (-1:3)

Allocation flag for NOW_OWNPRIV

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_PRIV = 1

I_NOW_PRIV 1 | 938 (0:3)

Allocation flag for NOW_PRIV

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_OUTPRIV 2 | 939 (-1:3)

Allocation flag for OUTPRIV

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PRIV = 1

I_OWNPRIV 2 | 941 (-1:3)

Allocation flag for OWNPRIV

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PRIV = 1

I_PRIV 2 | 943 (-1:3)

Allocation flag for PRIV

Values: -1= Infant born after calendar year
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

Variable	*Length*	*Position*	*Range*

NOW_DEPPRIV 1 | 945 (0:2)

Current private coverage through household member

Values: 0= Niu
1= Yes
2= No

Universe: NOW_PRIV = 1

NOW_OUTPRIV 1 | 946 (0:2)

Current private coverage through someone outside the household

Values: 0= Niu
1= Yes
2= No

Universe: NOW_PRIV = 1

NOW_OWNPRIV 1 | 947 (0:2)

Current private coverage - policyholder

Values: 0= Niu
1= Yes
2= No

Universe: NOW_PRIV = 1

NOW_PRIV 1 | 948 (1:2)

Current private coverage

Values: 1= Yes
2= No

Universe: All Persons

OUTPRIV 1 | 949 (0:2)

Private coverage through someone outside last year

Values: 0 = Niu
1 = Yes
2 = No

Universe: PRIV = 1

OWNPRIV 1 | 950 (0:2)

Private coverage last year - policyholder

Values: 0 = Niu
1 = Yes
2 = No

Universe: PRIV = 1

PRIV 1 | 951 (0:2)

Covered by private plan last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

PRIV_CYR 1 | 952 (0:3)

Private coverage last year

Values: 0=Infant born after calendar year
1=Covered none of last year
2=Covered some of last year
3=Covered all of last year

Universe: All persons

SubTopic: *Employment-based coverage*

DEPGRP 1 | 953 (0:2)

Employment-based coverage through household member last year

Values: 0= Niu
1= Yes
2= No

Universe: GRP = 1

GRP 1 | 954 (0:2)

Any employment-based coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

GRPFTYP 1 | 955 (0:2)

Type of employment-based plan last year 1

Values: 0= Out of universe
1= Family plan
2= Self-only plan

Universe: OWNGRP = 1

GRPFTYP2 1 | 956 (0:3)

Type of employment-based plan last year 2 (See https://www.census.gov/topics/health/health-insurance/guidance.html)

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: OWNGRP = 1

GRPLIN1 2 | 957 (0:20)

Policyholder line number 1 - employment-based coverage last year

Values: 0 = Not in universe
1 - 20 = Line number

Universe: DEPGRP = 1

Variable	*Length*	*Position*	*Range*

GRPOUT 1 | 959 (0:2)

Provided employment-based coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: GRP = 1

HIPAID 1 | 960 (0:3)

Employer paid all, some or no premiums last year

Values: 0= Niu
1= employer paid all of premiums
2= employer paid some of premiums
3= employer paid none of premiums

Universe: OWNGRP = 1

I_DEPGRP 2 | 961 (-1:3)

Allocation flag for DEPGRP

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: GRP = 1

I_GRP 2 | 963 (-1:3)

Allocation flag for GRP

Values: -1= Infant born after calendar year
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_GRPOUT 2 | 965 (-1:3)

Allocation flag for GRPOUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: OWNGRP = 1

I_HIPAID 2 | 967 (-1:3)

Allocation flag for HIPAID

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: OWNGRP = 1

I_NOW_DEPGRP 2 | 969 (-1:3)

Allocation flag for NOW_DEPGRP

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_GRP = 1

I_NOW_GRP 1 | 971 (0:3)

Allocation flag for NOW_GRP

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_NOW_GRPOUT 2 | 972 (-1:3)

Allocation flag for NOW_GRPOUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_OWNGRP = 1

I_NOW_HIPAID 2 | 974 (-1:3)

Allocation flag for NOW_HIPAID

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_OWNGRP = 1

I_NOW_OUTGRP 2 | 976 (-1:3)

Allocation flag for NOW_OUTGRP

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_GRP = 1

I_NOW_OWNGRP 2 | 978 (-1:3)

Allocation flag for NOW_OWNGRP

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_GRP = 1

Variable	*Length*	*Position*	*Range*

I_OUTGRP 2 | 980 (-1:3)

Allocation flag for OUTGRP

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: GRP = 1

I_OWNGRP 2 | 982 (-1:3)

Allocation flag for OWNGRP

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: GRP = 1

NOW_DEPGRP 1 | 984 (0:2)

Current employment-based coverage through household member

Values: 0= Niu
1= Yes
2= No

Universe: NOW_GRP = 1

NOW_GRP 1 | 985 (1:2)

Any current employment-based coverage

Values: 1= Yes
2= No

Universe: All Persons

NOW_GRPFTYP 1 | 986 (0:2)

Type of current employment-based plan 1

Values: 0= Out of universe
1= Family plan
2= Self-only plan

Universe: NOW_OWNGRP = 1

NOW_GRPFTYP2 1 | 987 (0:3)

Type of current employment-based plan 2

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: NOW_OWNGRP = 1

NOW_GRPLIN 2 | 988 (0:20)

Policyholder line number - current employment-based coverage

Values: 0 - 20

Universe: NOW_DEPGRP = 1

NOW_GRPOUT 1 | 990 (0:2)

Currently provides employment-based coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: NOW_GRP = 1

NOW_HIPAID 1 | 991 (0:3)

Employer currently pays all, some or no premiums

Values: 0= Niu
1= employer paid all of premiums
2= employer paid some of premiums
3= employer paid none of premiums

Universe: NOW_OWNGRP = 1

NOW_OUTGRP 1 | 992 (0:2)

Current employment-based coverage through someone outside HH

Values: 0= Niu
1= Yes
2= No

Universe: NOW_GRP = 1

NOW_OWNGRP 1 | 993 (0:2)

Current employment-based coverage - policyholder

Values: 0= Niu
1= Yes
2= No

Universe: NOW_GRP = 1

OUTGRP 1 | 994 (0:2)

Employment-based coverage through someone outside HH last year

Values: 0 = Niu
1 = Yes
2 = No

Universe: GRP = 1

OWNGRP 1 | 995 (0:2)

Employment-based coverage last year - policyholder

Values: 0 = Niu
1 = Yes
2 = No

Universe: GRP = 1

Variable	*Length*	*Position*	*Range*

SubTopic: *Direct-purchase coverage*

DEPDIR 1 | 996 (0:2)

Direct-purchase coverage through household member last year

Values: 0= Niu
1= Yes
2= No

Universe: DIR = 1

DIR 1 | 997 (0:2)

Any direct-purchase coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

DIRFTYP 1 | 998 (0:2)

Type of direct-purchase plan last year 1

Values: 0= Out of universe
1= Family plan
2= Self-only plan

Universe: OWNDIR = 1

DIRFTYP2 1 | 999 (0:3)

Type of direct-purchase plan last year 2

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: OWNDIR = 1

DIRLIN1 2 | 1000 (0:20)

Policyholder line number 1 - direct-purchase coverage last year

Values: 0 = Not in universe
1 - 20 = Line number

Universe: DEPDIR = 1

DIROUT 1 | 1002 (0:2)

Provided direct-purchase coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: DIR = 1

I_DEPDIR 2 | 1003 (-1:3)

Allocation flag for DEPDIR

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: DIR = 1

I_DIR 2 | 1005 (-1:3)

Allocation flag for DIR

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_DIROUT 2 | 1007 (-1:3)

Allocation flag for DIROUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: OWNDIR = 1

I_NOW_DEPDIR 2 | 1009 (-1:3)

Allocation flag for NOW_DEPDIR

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_DIR = 1

I_NOW_DIR 1 | 1011 (0:3)

Allocation flag for NOW_DIR

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_NOW_DIROUT 2 | 1012 (-1:3)

Allocation flag for NOW_DIROUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_OWNDIR = 1

Variable	*Length*	*Position*	*Range*

I_NOW_OUTDIR 2 | 1014 (-1:3)

Allocation flag for NOW_OUTDIR

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_DIR = 1

I_NOW_OWNDIR 2 | 1016 (-1:3)

Allocation flag for NOW_OWNDIR

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_DIR = 1

I_OUTDIR 2 | 1018 (-1:3)

Allocation flag for OUTDIR

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: DIR = 1

I_OWNDIR 2 | 1020 (-1:3)

Allocation flag for OWNDIR

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: DIR = 1

NOW_DEPDIR 1 | 1022 (0:2)

Current direct-purchase coverage through household member

Values: 0= Niu
1= Yes
2= No

Universe: NOW_DIR = 1

NOW_DIR 1 | 1023 (1:2)

Any current direct-purchase coverage

Values: 1= Yes
2= No

Universe: All Persons

NOW_DIRFTYP 1 | 1024 (0:2)

Type of current direct-purchase plan 1

Values: 0 = Out of universe
1= Family plan
2= Self-only plan

Universe: NOW_OWNDIR = 1

NOW_DIRFTYP2 1 | 1025 (0:3)

Type of current direct-purchase plan 2

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: NOW_OWNDIR = 1

NOW_DIRLIN 2 | 1026 (0:20)

Policyholder line number - current direct-purchase coverage

Values: 0 - 20

Universe: NOW_DEPDIR = 1

NOW_DIROUT 1 | 1028 (0:2)

Currently provides direct-purchase coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: NOW_DIR = 1

NOW_OUTDIR 1 | 1029 (0:2)

Current direct-purchase coverage through someone outside HH

Values: 0= Niu
1= Yes
2= No

Universe: NOW_DIR = 1

NOW_OWNDIR 1 | 1030 (0:2)

Current direct-purchase coverage - policyholder

Values: 0= Niu
1= Yes
2= No

Universe: NOW_DIR = 1

OUTDIR 1 | 1031 (0:2)

Direct-purchase coverage through someone outside HH last year

Values: 0 = Niu
1 = Yes
2 = No

Universe: DIR = 1

Variable	*Length*	*Position*	*Range*
OWNDIR	1	1032	(0:2)

Direct-purchase coverage last year - policyholder

Values: 0 = Niu
1 = Yes
2 = No

Universe: DIR = 1

SubTopic: *Marketplace coverage*

Variable	*Length*	*Position*	*Range*
DEPMRK	1	1033	(0:2)

Marketplace coverage through household member last year

Values: 0= Niu
1= Yes
2= No

Universe: MRK = 1

Variable	*Length*	*Position*	*Range*
I_DEPMRK	2	1034	(-1:3)

Allocation flag for DEPMRK

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: MRK = 1

Variable	*Length*	*Position*	*Range*
I_MRK	2	1036	(-1:3)

Allocation flag for MRK

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

Variable	*Length*	*Position*	*Range*
I_MRKOUT	2	1038	(-1:3)

Allocation flag for MRKOUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: OWNMRK = 1

Variable	*Length*	*Position*	*Range*
I_NOW_DEPMRK	2	1040	(-1:3)

Allocation flag for NOW_DEPMRK

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_MRK = 1

Variable	*Length*	*Position*	*Range*
I_NOW_MRK	1	1042	(0:3)

Allocation flag for MRK

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

Variable	*Length*	*Position*	*Range*
I_NOW_MRKOUT	2	1043	(-1:3)

Allocation flag for NOW_MRKOUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_OWNMRK = 1

Variable	*Length*	*Position*	*Range*
I_NOW_OUTMRK	2	1045	(-1:3)

Allocation flag for NOW_OUTMRK

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_MRK = 1

Variable	*Length*	*Position*	*Range*
I_NOW_OWNMRK	2	1047	(-1:3)

Allocation flag for NOW_OWNMRK

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_MRK = 1

Variable	*Length*	*Position*	*Range*
I_OUTMRK	2	1049	(-1:3)

Allocation flag for OUTMRK

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: MRK = 1

Variable	*Length*	*Position*	*Range*
I_OWNMRK	2	1051	(-1:3)

Allocation flag for OWNMRK

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: MRK = 1

Variable	*Length*	*Position*	*Range*

MRK 1 | 1053 (0:2)

Any Marketplace coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

MRKFTYP 1 | 1054 (0:2)

Type of Marketplace plan last year 1

Values: 0= Out of universe
1= Family plan
2= Self-only plan

Universe: OWNMRK = 1

MRKFTYP2 1 | 1055 (0:3)

Type of Marketplace plan last year 2

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: OWNMRK = 1

MRKLIN1 2 | 1056 (0:20)

Policyholder line number 1 - Marketplace coverage last year

Values: 0 - 20

Universe: DEPMRK = 1

MRKOUT 1 | 1058 (0:2)

Provided Marketplace coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: MRK = 1

NOW_DEPMRK 1 | 1059 (0:2)

Current Marketplace coverage through household member

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MRK = 1

NOW_MRK 1 | 1060 (1:2)

Any current Marketplace coverage

Values: 1= Yes
2= No

Universe: All Persons

NOW_MRKFTYP 1 | 1061 (0:2)

Type of current Marketplace plan 1

Values: 0= Out of universe
1= Family plan
2= Self-only plan

Universe: NOW_OWNMRK = 1

NOW_MRKFTYP2 1 | 1062 (0:3)

Type of current Marketplace plan 2

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: NOW_OWNMRK = 1

NOW_MRKLIN 2 | 1063 (0:20)

Policyholder line number - current Marketplace coverage

Values: 0 - 20

Universe: NOW_DEPMRK = 1

NOW_MRKOUT 1 | 1065 (0:2)

Currently provides Marketplace coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MRK = 1

NOW_OUTMRK 1 | 1066 (0:2)

Current Marketplace coverage through someone outside HH

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MRK = 1

NOW_OWNMRK 1 | 1067 (0:2)

Current Marketplace coverage - policyholder

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MRK = 1

OUTMRK 1 | 1068 (0:2)

Marketplace coverage through someone outside HH last year

Values: 0 = Niu
1 = Yes
2 = No

Universe: MRK = 1

Variable	*Length*	*Position*	*Range*

OWNMRK 1 | 1069 (0:2)

Marketplace coverage last year - policyholder

Values: 0 = Niu
1 = Yes
2 = No

Universe: MRK = 1

SubTopic: *Subsidized Marketplace coverage*

DEPMRKS 1 | 1070 (0:2)

Subsidized Marketplace coverage through household member last year

Values: 0= Niu
1= Yes
2= No

Universe: MRKS = 1

I_DEPMRKS 2 | 1071 (-1:3)

Allocation flag for DEPMRKS

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: MRKS = 1

I_MRKS 2 | 1073 (-1:3)

Allocation flag for MRKS

Values: -1= Infant born after calendar year
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_MRKSOUT 2 | 1075 (-1:3)

Allocation flag for MRKSOUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: OWNMRKS = 1

I_NOW_DEPMRKS 2 | 1077 (-1:3)

Allocation flag for NOW_DEPMRKS

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_MRKS = 1

I_NOW_MRKS 1 | 1079 (0:3)

Allocation flag for MRKS

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_NOW_MRKSOUT 2 | 1080 (-1:3)

Allocation flag for NOW_MRKSOUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_OWNMRKS = 1

I_NOW_OUTMRKS 2 | 1082 (-1:3)

Allocation flag for NOW_OUTMRKS

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_MRKS = 1

I_NOW_OWNMRKS 2 | 1084 (-1:3)

Allocation flag for NOW_OWNMRKS

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_MRKS = 1

I_OUTMRKS 2 | 1086 (-1:3)

Allocation flag for OUTMRKS

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: MRKS = 1

I_OWNMRKS 2 | 1088 (-1:3)

Allocation flag for OWNMRKS

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: MRKS = 1

Variable	*Length*	*Position*	*Range*

MRKS 1 | 1090 (0:2)

Any subsidized Marketplace coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

MRKSFTYP 1 | 1091 (0:2)

Type of subsidized Marketplace coverage last year 1

Values: 0= Out of universe
1= Family plan
2= Self-only plan

Universe: OWNMRKS = 1

MRKSFTYP2 1 | 1092 (0:3)

Type of subsidized Marketplace coverage last year 2

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: OWNMRKS = 1

MRKSLIN1 2 | 1093 (0:20)

Policyholder line number 1 - subsidized Marketplace coverage last year

Values: 0 - 20

Universe: DEPMRKS = 1

MRKSOUT 1 | 1095 (0:2)

Provided subsidized Marketplace coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: MRKS = 1

NOW_DEPMRKS 1 | 1096 (0:2)

Current subsidized Marketplace coverage through household member

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MRKS = 1

NOW_MRKS 1 | 1097 (1:2)

Any current subsidized Marketplace coverage

Values: 1= Yes
2= No

Universe: All Persons

NOW_MRKSFTYP 1 | 1098 (0:2)

Type of current subsidized Marketplace plan 1

Values: 0= Out of universe
1= Family plan
2= Self-only plan

Universe: NOW_OWNMRKS = 1

NOW_MRKSFTYP2 1 | 1099 (0:3)

Type of current subsidized Marketplace plan 2

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: NOW_OWNMRKS = 1

NOW_MRKSLIN 2 | 1100 (0:20)

Policyholder line number - current subsidized Marketplace coverage

Values: 0 - 20

Universe: NOW_DEPMRKS = 1

NOW_MRKSOUT 1 | 1102 (0:2)

Currently provides subsidized Marketplace coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: NOW_OWNMRKS = 1

NOW_OUTMRKS 1 | 1103 (0:2)

Current subsidized Marketplace coverage through someone outside HH

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MRKS = 1

NOW_OWNMRKS 1 | 1104 (0:2)

Current subsidized Marketplace coverage - policyholder

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MRKS = 1

OUTMRKS 1 | 1105 (0:2)

Subsidized Marketplace coverage through someone outside HH last year

Values: 0 = Niu
1 = Yes
2 = No

Universe: MRKS = 1

Variable	*Length*	*Position*	*Range*

OWNMRKS 1 | 1106 (0:2)

Subsidized Marketplace coverage last year - policyholder

Values: 0 = Niu
1 = Yes
2 = No

Universe: MRKS = 1

SubTopic: *Unsubsidized Marketplace coverage*

DEPMRKUN 1 | 1107 (0:2)

Unsubsidized Marketplace coverage through household member last year

Values: 0= Niu
1= Yes
2= No

Universe: MRKUN = 1

I_DEPMRKUN 2 | 1108 (-1:3)

Allocation flag for DEPMRKUN

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: MRKUN = 1

I_MRKUN 2 | 1110 (-1:3)

Allocation flag for MRKUN

Values: -1= Infant born after calendar year
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_MRKUNOUT 2 | 1112 (-1:3)

Allocation flag for MRKUNOUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: OWNMRKUN = 1

I_NOW_DEPMRKUN 2 | 1114 (-1:3)

Allocation flag for NOW_DEPMRKUN

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_MRKUN = 1

I_NOW_MRKUN 1 | 1116 (0:3)

Allocation flag for MRKUN

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_NOW_MRKUNOUT 2 | 1117 (-1:3)

Allocation flag for NOW_MRKUNOUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_OWNMRKUN = 1

I_NOW_OUTMRKUN 2 | 1119 (-1:3)

Allocation flag for NOW_OUTMRKUN

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_MRKUN = 1

I_NOW_OWNMRKUN 2 | 1121 (-1:3)

Allocation flag for NOW_OWNMRKUN

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_MRKUN = 1

I_OUTMRKUN 2 | 1123 (-1:3)

Allocation flag for OUTMRKUN

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: MRKUN = 1

I_OWNMRKUN 2 | 1125 (-1:3)

Allocation flag for OWNMRKUN

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: MRKUN = 1

Variable	*Length*	*Position*	*Range*

MRKUN 1 | 1127 (0:2)

Any unsubsidized Marketplace coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

MRKUNFTYP 1 | 1128 (0:2)

Type of unsubsidized Marketplace coverage last year 1

Values: 0= Out of universe
1= Family plan
2= Self-only plan

Universe: OWNMRKUN = 1

MRKUNFTYP2 1 | 1129 (0:3)

Type of unsubsidized Marketplace coverage last year 2

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: OWNMRKUN = 1

MRKUNLIN1 2 | 1130 (0:20)

Policyholder line number 1 - unsubsidized Marketplace coverage last year

Values: 0 - 20

Universe: DEPMRKUN = 1

MRKUNOUT 1 | 1132 (0:2)

Provided unsubsidized Marketplace coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: MRKUN = 1

NOW_DEPMRKUN 1 | 1133 (0:2)

Current unsubsidized Marketplace coverage through household member

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MRKUN = 1

NOW_MRKUN 1 | 1134 (1:2)

Any current unsubsidized Marketplace coverage

Values: 1= Yes
2= No

Universe: All Persons

NOW_MRKUNFTYP 1 | 1135 (0:2)

Type of current unsubsidized Marketplace plan 1

Values: 0= Out of universe
1= Family plan
2= Self-only plan

Universe: NOW_OWNMRKUN = 1

NOW_MRKUNFTYP2 1 | 1136 (0:3)

Type of current unsubsidized Marketplace plan 2

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: NOW_OWNMRKUN = 1

NOW_MRKUNLIN 2 | 1137 (0:20)

Policyholder line number - current unsubsidized Marketplace coverage

Values: 0 - 20

Universe: NOW_DEPMRKUN = 1

NOW_MRKUNOUT 1 | 1139 (0:2)

Currently provides unsubsidized Marketplace coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: NOW_OWNMRKUN = 1

NOW_OUTMRKUN 1 | 1140 (0:2)

Current unsubsidized Marketplace coverage through someone outside HH

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MRKUN = 1

NOW_OWNMRKUN 1 | 1141 (0:2)

Current unsubsidized Marketplace coverage - policyholder

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MRKUN = 1

OUTMRKUN 1 | 1142 (0:2)

Unsubsidized Marketplace coverage through someone outside HH last year

Values: 0 = Niu
1 = Yes
2 = No

Universe: MRKUN = 1

Variable	*Length*	*Position*	*Range*

OWNMRKUN 1 | 1143 (0:2)

Unsubsidized Marketplace coverage last year - policyholder

Values: 0 = Niu
1 = Yes
2 = No

Universe: MRKUN = 1

SubTopic: *Non-Marketplace coverage*

DEPNONM 1 | 1144 (0:2)

Non-Marketplace coverage through household member last year

Values: 0= Niu
1= Yes
2= No

Universe: NONM = 1

I_DEPNONM 2 | 1145 (-1:3)

Allocation flag for DEPNONM

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NONM = 1

I_NONM 2 | 1147 (-1:3)

Allocation flag for NONM

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_NONMOUT 2 | 1149 (-1:3)

Allocation flag for NONMOUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: OWNNONM = 1

I_NOW_DEPNONM 2 | 1151 (-1:3)

Allocation flag for NOW_DEPNONM

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_NONM = 1

I_NOW_NONM 1 | 1153 (0:3)

Allocation flag for NOW_NONM

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_NOW_NONMOUT 2 | 1154 (-1:3)

Allocation flag for NOW_NONMOUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_OWNNONM = 1

I_NOW_OUTNONM 2 | 1156 (-1:3)

Allocation flag for NOW_OUTNONM

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_NONM = 1

I_NOW_OWNNONM 2 | 1158 (-1:3)

Allocation flag for NOW_OWNNONM

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_NONM = 1

I_OUTNONM 2 | 1160 (-1:3)

Allocation flag for OUTNONM

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NONM = 1

I_OWNNONM 2 | 1162 (-1:3)

Allocation flag for OWNNONM

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NONM = 1

Variable	*Length*	*Position*	*Range*

NONM 1 | 1164 (0:2)

Any non-Marketplace coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

NONMFTYP 1 | 1165 (0:2)

Type of non-Marketplace plan last year 1

Values: 0= Out of universe
1= Family plan
2= Self-only plan

Universe: OWNNONM = 1

NONMFTYP2 1 | 1166 (0:3)

Type of non-Marketplace plan last year 2

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: OWNNONM = 1

NONMLIN1 2 | 1167 (0:20)

Policyholder line number 1 - non-Marketplace coverage last year

Values: 0 - 20

Universe: DEPNONM = 1

NONMOUT 1 | 1169 (0:2)

Provided non-Marketplace coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: NONM = 1

NOW_DEPNONM 1 | 1170 (0:2)

Current non-Marketplace coverage through household member

Values: 0= Niu
1= Yes
2= No

Universe: NOW_NONM = 1

NOW_NONM 1 | 1171 (1:2)

Any current non-Marketplace coverage

Values: 1= Yes
2= No

Universe: All Persons

NOW_NONMFTYP 1 | 1172 (0:2)

Type of current non-Marketplace plan 1

Values: 0= Out of universe
1= Family plan
2= Self-only plan

Universe: NOW_OWNNONM = 1

NOW_NONMFTYP2 1 | 1173 (0:3)

Type of current non-Marketplace plan 2

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: NOW_OWNNONM = 1

NOW_NONMLIN 2 | 1174 (0:20)

Policyholder line number - current non-Marketplace coverage

Values: 0 - 20

Universe: NOW_DEPNONM = 1

NOW_NONMOUT 1 | 1176 (0:2)

Currently provides non-Marketplace coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: NOW_OWNNONM = 1

NOW_OUTNONM 1 | 1177 (0:2)

Current non-Marketplace coverage through someone outside HH

Values: 0= Niu
1= Yes
2= No

Universe: NOW_NONM = 1

NOW_OWNNONM 1 | 1178 (0:2)

Current non-Marketplace coverage - policyholder

Values: 0= Niu
1= Yes
2= No

Universe: NOW_NONM = 1

OUTNONM 1 | 1179 (0:2)

Non-Marketplace coverage through someone outside HH last year

Values: 0 = Niu
1 = Yes
2 = No

Universe: NONM = 1

Variable	*Length*	*Position*	*Range*
OWNNONM	1	1180	(0:2)

Non-Marketplace coverage last year - policyholder

Values: 0 = Niu
1 = Yes
2 = No

Universe: NONM = 1

SubTopic: Medicaid or other means-tested coverage

I_MCAID	2	1181	(-1:3)

Allocation flag for MCAID

Values: -1= Infant born after calendar year
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_NOW_MCAID	1	1183	(0:3)

Allocation flag for NOW_MCAID

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

MCAID	1	1184	(0:2)

Medicaid, PCHIP or other means-tested coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

NOW_MCAID	1	1185	(1:2)

Current Medicaid, PCHIP, or other means-tested coverage

Values: 1= Yes
2= No

Universe: All Persons

SubTopic: Medicaid coverage

CAID	1	1186	(0:2)

Medicaid coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

I_CAID	2	1187	(-1:3)

Allocation flag for CAID

Values: -1= Infant born after calendar year
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_NOW_CAID	1	1189	(0:3)

Allocation flag for NOW_CAID

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

MCAID_CYR	1	1190	(0:3)

Medicaid coverage last year

Values: 0=Infant born after calendar year
1=Covered none of last year
2=Covered some of last year
3=Covered all of last year

Universe: All persons

NOW_CAID	1	1191	(1:2)

Current Medicaid coverage

Values: 1= Yes
2= No

Universe: All Persons

SubTopic: Other means-tested coverage

I_NOW_OTHMT	1	1192	(0:3)

Allocation flag for NOW_OTHMT

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_OTHMT	2	1193	(-1:3)

Allocation flag for OTHMT

Values: -1= Infant born after calendar year
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

Variable	*Length*	*Position*	*Range*

NOW_OTHMT 1 | 1195 (1:2)

Current other means-tested coverage

Values: 1= Yes
2= No

Universe: All Persons

OTHMT 1 | 1196 (0:2)

Other means-tested coverage last year

Values: 0 = Infant born after calendar year
1 = Yes
2 = No

Universe: All Persons

SubTopic: *PCHIP coverage*

I_NOW_PCHIP 1 | 1197 (0:3)

Allocation flag for NOW_PCHIP

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_PCHIP 2 | 1198 (-1:3)

Allocation flag for PCHIP

Values: -1= Infant born after calendar year
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

NOW_PCHIP 1 | 1200 (1:2)

Current PCHIP coverage

Values: 1= Yes
2= No

Universe: All Persons

PCHIP 1 | 1201 (0:2)

PCHIP coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

SubTopic: *Medicare coverage*

I_MCARE 2 | 1202 (-1:3)

Allocation flag for MCARE

Values: -1= Infant born after calendar year
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_NOW_MCARE 1 | 1204 (0:3)

Allocation flag for NOW_MCARE

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

MCARE 1 | 1205 (0:2)

Medicare coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

NOW_MCARE 1 | 1206 (1:2)

Current Medicare coverage

Values: 1= Yes
2= No

Universe: All Persons

SubTopic: *Indian Health Service coverage*

I_IHSFLG 2 | 1207 (-1:3)

Allocation flag for IHSFLG

Values: -1= Infant born after calendar year
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_NOW_IHSFLG 1 | 1209 (0:3)

Allocation flag for NOW_IHSFLG

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

Variable	*Length*	*Position*	*Range*

IHSFLG 1 | 1210 (0:2)

Coverage through the Indian Health Service last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

NOW_IHSFLG 1 | 1211 (1:2)

Current coverage through the Indian Health Service

Values: 1= Yes
2= No

Universe: All Persons

SubTopic: *TRICARE coverage*

DEPMIL 1 | 1212 (0:2)

TRICARE coverage through household member last year

Values: 0= Niu
1= Yes
2= No

Universe: MIL = 1

I_DEPMIL 2 | 1213 (-1:3)

Allocation flag for DEPMIL

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: MIL = 1

I_MIL 2 | 1215 (-1:3)

Allocation flag for MIL

Values: -1= Infant born after calendar year
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_MILOUT 2 | 1217 (-1:3)

Allocation flag for MILOUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: OWNMIL = 1

I_NOW_DEPMIL 2 | 1219 (-1:3)

Allocation flag for NOW_DEPMIL

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_MIL = 1

I_NOW_MIL 1 | 1221 (0:3)

Allocation flag for NOW_MIL

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_NOW_MILOUT 2 | 1222 (-1:3)

Allocation flag for NOW_MILOUT

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_OWNMIL = 1

I_NOW_OUTMIL 2 | 1224 (-1:3)

Allocation flag for NOW_OUTMIL

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_MIL = 1

I_NOW_OWNMIL 2 | 1226 (-1:3)

Allocation flag for NOW_OWNMIL

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: NOW_MIL = 1

I_OUTMIL 2 | 1228 (-1:3)

Allocation flag for OUTMIL

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: MIL = 1

Variable	*Length*	*Position*	*Range*

I_OWNMIL 2 | 1230 (-1:3)

Allocation flag for OWNMIL

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: MIL = 1

MIL 1 | 1232 (0:2)

Any TRICARE coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

MILFTYP 1 | 1233 (0:2)

Type of TRICARE plan last year 1

Values: 0= Out of universe
1= Family plan
2= Self-only plan

Universe: OWNMIL = 1

MILFTYP2 1 | 1234 (0:3)

Type of TRICARE plan last year 2

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: OWNMIL = 1

MILLIN1 2 | 1235 (0:20)

Policyholder line number 1 - TRICARE coverage last year

Values: 0 - 20

Universe: DEPMIL = 1

MILOUT 1 | 1237 (0:2)

Provided TRICARE coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: MIL = 1

NOW_DEPMIL 1 | 1238 (0:2)

Current TRICARE coverage through household member

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MIL = 1

NOW_MIL 1 | 1239 (1:2)

Any current TRICARE coverage

Values: 1= Yes
2= No

Universe: All Persons

NOW_MILFTYP 1 | 1240 (0:2)

Type of current TRICARE plan 1

Values: 0= Out of universe
1= Family plan
2= Self-only plan

Universe: NOW_OWNMIL = 1

NOW_MILFTYP2 1 | 1241 (0:3)

Type of current TRICARE plan 2

Values: 0= Out of universe
1= Family plan
2= Self plus one
3= Self-only plan

Universe: NOW_OWNMIL = 1

NOW_MILLIN 2 | 1242 (0:20)

Policyholder line number - current TRICARE coverage

Values: 0 - 20

Universe: NOW_DEPMIL = 1

NOW_MILOUT 1 | 1244 (0:2)

Currently provides TRICARE coverage to someone outside HH last year

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MIL = 1

NOW_OUTMIL 1 | 1245 (0:2)

Current TRICARE coverage through someone outside HH

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MIL = 1

NOW_OWNMIL 1 | 1246 (0:2)

Current TRICARE coverage - policyholder

Values: 0= Niu
1= Yes
2= No

Universe: NOW_MIL = 1

Variable	*Length*	*Position*	*Range*

OUTMIL 1 | 1247 (0:2)

TRICARE coverage through someone outside HH last year

Values: 0 = Niu
1 = Yes
2 = No

Universe: MIL = 1

OWNMIL 1 | 1248 (0:2)

TRICARE coverage last year - policyholder

Values: 0 = Niu
1 = Yes
2 = No

Universe: MIL = 1

SubTopic: *CHAMPVA coverage*

CHAMPVA 1 | 1249 (0:2)

CHAMPVA coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

I_CHAMPVA 2 | 1250 (-1:3)

Allocation flag for CHAMPVA

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_NOW_CHAMPVA 1 | 1252 (0:3)

Allocation flag for NOW_CHAMPVA

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

NOW_CHAMPVA 1 | 1253 (1:2)

Current CHAMPVA coverage

Values: 1= Yes
2= No

Universe: All Persons

SubTopic: *VACARE coverage*

I_NOW_VACARE 1 | 1254 (0:3)

Allocation flag for NOW_VACARE

Values: 0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_VACARE 2 | 1255 (-1:3)

Allocation flag for VACARE

Values: -1= Infant born after calendar year
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

NOW_VACARE 1 | 1257 (1:2)

Current VACARE coverage

Values: 1= Yes
2= No

Universe: All Persons

VACARE 1 | 1258 (0:2)

VACARE coverage last year

Values: 0= Infant born after calendar year
1= Yes
2= No

Universe: All Persons

SubTopic: *Medical out-of-pocket expenditures*

I_MCPREM 2 | 1259 (-1:2)

Allocation flag: Medicare premium amount (PEMCPREM)

Values: 0=Reported
2=Logical Imputation
-1=NIU

Universe: MCARE=1

I_MOOP 2 | 1261 (-1:3)

Allocation flag for MOOP

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

Variable	*Length*	*Position*	*Range*

I_MOOP2 2 | 1263 (-1:3)

Allocation flag for I_MOOP2

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_PHIPVAL 2 | 1265 (-1:3)

Allocation flag for PHIP_VAL

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_PHIPVAL2 2 | 1267 (-1:3)

Allocation flag for PHIP_VAL2

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_PMEDVAL 2 | 1269 (-1:3)

Allocation flag for PMED_VAL

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

I_POTCVAL 2 | 1271 (-1:3)

Allocation flag for POTC_VAL

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All Persons

MOOP 7 | 1273 (0:9999999)

Total medical out of pocket expenditures. Calculated from PHIP_VAL, POTC_VAL, and PMED_VAL.

Values: 0 - 9999999

Universe: All Persons

MOOP2 7 | 1280 (0:9999999)

Total medical out of pocket expenditures. Calculated from PHIP_VAL2, POTC_VAL, and PMED_VAL.

Values: 0 - 9999999

Universe: All Persons

PEMCPREM 5 | 1287 (0000:99999)

Edited Medicare premium amount

Values: dollar amount

Universe: MCARE=1

PHIP_VAL 6 | 1292 (0:999999)

Out of pocket expenditures for comprehensive and non-comprehensive health insurance premiums

Values: 0 - 999999

Universe: All Persons

PHIP_VAL2 6 | 1298 (0:999999)

Out of pocket expenditures for comprehensive and non-comprehensive health insurance premiums - alternative (See https://www.census.gov/topics/health/health-insurance/guidance.html)

Values: 0 - 999999

Universe: All Persons

PMED_VAL 6 | 1304 (0:999999)

Out of pocket expenditures for non-premium medical care

Values: 0 - 999999

Universe: All Persons

POTC_VAL 5 | 1310 (0:99999)

Out of pocket expenditures for over the counter health related spending

Values: 0 - 99999

Universe: All Persons

TPEMCPREM 1 | 1315 (0:1)

Topcde flag for PEMCPREM

Values: 0 = Not topcoded
1 = Topcded

Universe: PEMCPREM > 0

TPHIP_VAL 1 | 1316 (0:1)

Topcode flag for PHIP_VAL

Values: 0 = not topcoded
1 = topcoded

Universe: PHIP_VAL > 0

Variable	*Length*	*Position*	*Range*

TPHIP_VAL2 1 | 1317 (0:1)

Topcode flag for PHIP_VAL2

Values: topcode flag for PHIP_VAL2

Universe: PHIP_VAL2 > 0

TPMED_VAL 1 | 1318 (0:1)

Topcode flag for PMED_VAL

Values: 0 = not topcoded
1 = topcoded

Universe: PMED_VAL > 0

TPOTC_VAL 1 | 1319 (0:1)

Topcode flag for POTC_VAL

Values: 0 = not topcoded;
1 = topcoded

Universe: POTC_VAL > 0

SubTopic: *Offer and take-up of employer-sponsored coverage*

ESICOULD 1 | 1320 (0:2)

Eligible to purchase employer's health insurance plan (expanded universe)

Values: 0 = NIU
1 = Yes
2 = No

Universe: ESIOFFER = 1

ESIELIG1 1 | 1321 (0:2)

Reason not eligible - Don't work enough hours per week or weeks per year (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 2

ESIELIG2 1 | 1322 (0:2)

Reason not eligible - Contract or temporary employees not allowed in plan (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 2

ESIELIG3 1 | 1323 (0:2)

Reason not eligible - Have not yet worked for this employer long enough (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 2

ESIELIG4 1 | 1324 (0:2)

Reason not eligible - Have a pre-existing condition (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 2

ESIELIG5 1 | 1325 (0:2)

Reason not eligible - Too expensive (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 2

ESIELIG6 1 | 1326 (0:2)

Reason not eligible - Other (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 2

ESIOFFER 1 | 1327 (0:2)

Employer offers health insurance plan (expanded universe)

Values: 0=NIU
1=Yes
2=No

Universe: (NOW_OWNGRP = 0 or 2) and (PEMLR = 1 or 2) and (PEIO1COW = 1,2,3,4,5,8,9, or 10)

ESITAKE1 1 | 1328 (0:2)

Reason did not take up - Covered by another plan (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 1

ESITAKE2 1 | 1329 (0:2)

Reason did not take up - Traded health insurance for higher pay (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 1

ESITAKE3 1 | 1330 (0:2)

Reason did not take up - Too expensive (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 1

Variable	*Length*	*Position*	*Range*

ESITAKE4 1 | 1331 (0:2)

Reason did not take up - Don't need health insurance (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 1

ESITAKE5 1 | 1332 (0:2)

Reason did not take up - Have a pre-existing condition (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 1

ESITAKE6 1 | 1333 (0:2)

Reason did not take up - Have not yet worked for this employer long enough (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 1

ESITAKE7 1 | 1334 (0:2)

Reason did not take up - Contract or temporary employees not allowed in plan (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 1

ESITAKE8 1 | 1335 (0:2)

Reason did not take up - Other (expanded universe)

Values: 0= Niu
1= Yes
2= No

Universe: ESIOFFER = 1 AND ESICOULD = 1

I_ESICOULD 2 | 1336 (-1:3)

Allocation flag for ESICOULD

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1

I_ESIELIG1 2 | 1338 (-1:3)

Allocation flag for ESIELIG1

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=2

I_ESIELIG2 2 | 1340 (-1:3)

Allocation flag for ESIELIG2

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=2

I_ESIELIG3 2 | 1342 (-1:3)

Allocation flag for ESIELIG3

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=2

I_ESIELIG4 2 | 1344 (-1:3)

Allocation flag for ESIELIG4

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=2

I_ESIELIG5 2 | 1346 (-1:3)

Allocation flag for ESIELIG5

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=2

I_ESIELIG6 2 | 1348 (-1:3)

Allocation flag for ESIELIG6

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=2

Variable	*Length*	*Position*	*Range*

I_ESIOFFER 2 | 1350 (-1:3)

Allocation flag for ESIOFFER

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: (NOW_OWNGRP = 0 or 2) and (PEMLR = 1 or 2) and (PEIO1COW = 1,2,3,4,5,8,9, or 10)

I_ESITAKE1 2 | 1352 (-1:3)

Allocation flag for ESITAKE1

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=1

I_ESITAKE2 2 | 1354 (-1:3)

Allocation flag for ESITAKE2

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=1

I_ESITAKE3 2 | 1356 (-1:3)

Allocation flag for ESITAKE3

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=1

I_ESITAKE4 2 | 1358 (-1:3)

Allocation flag for ESITAKE4

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=1

I_ESITAKE5 2 | 1360 (-1:3)

Allocation flag for ESITAKE5

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=1

I_ESITAKE6 2 | 1362 (-1:3)

Allocation flag for ESITAKE6

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=1

I_ESITAKE7 2 | 1364 (-1:3)

Allocation flag for ESITAKE7

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=1

I_ESITAKE8 2 | 1366 (-1:3)

Allocation flag for ESITAKE8

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: ESIOFFER=1 and ESICOULD=1

I_PECOULD 2 | 1368 (-1:3)

Allocation flag for PECOULD

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1

I_PEOFFER 2 | 1370 (-1:3)

Allocation flag for PEOFFER

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: (NOW_OWNGRP=2) and (PEMLR = 1 or 2) and (PEIO1COW = 1,2,3,4,5,8,9, or 10)

I_PEWNELIG1 2 | 1372 (-1:3)

Allocation flag for PEWNELIG1

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 2

Variable	*Length*	*Position*	*Range*	*Variable*	*Length*	*Position*	*Range*

I_PEWNELIG2 2 1374 (-1:3)

Allocation flag for PEWNELIG2

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 2

I_PEWNTAKE2 2 1386 (-1:3)

Allocation flag for PEWNTAKE2

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 1

I_PEWNELIG3 2 1376 (-1:3)

Allocation flag for PEWNELIG3

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 2

I_PEWNTAKE3 2 1388 (-1:3)

Allocation flag for PEWNTAKE3

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 1

I_PEWNELIG4 2 1378 (-1:3)

Allocation flag for PEWNELIG4

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 2

I_PEWNTAKE4 2 1390 (-1:3)

Allocation flag for PEWNTAKE4

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 1

I_PEWNELIG5 2 1380 (-1:3)

Allocation flag for PEWNELIG5

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 2

I_PEWNTAKE5 2 1392 (-1:3)

Allocation flag for PEWNTAKE5

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 1

I_PEWNELIG6 2 1382 (-1:3)

Allocation flag for PEWNELIG6

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 2

I_PEWNTAKE6 2 1394 (-1:3)

Allocation flag for PEWNTAKE6

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 1

I_PEWNTAKE1 2 1384 (-1:3)

Allocation flag for PEWNTAKE1

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 1

I_PEWNTAKE7 2 1396 (-1:3)

Allocation flag for PEWNTAKE7

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 1

Variable	*Length*	*Position*	*Range*
I_PEWNTAKE8	2	1398	(-1:3)

Allocation flag for PEWNTAKE8

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: PEOFFER = 1 AND PECOULD = 1

PECOULD	1	1400	(0:2)

Eligible to purchase employer's health insurance plan

Values: 0 = NIU
1 = Yes
2 = No

Universe: PEOFFER = 1

PEOFFER	1	1401	(0:2)

Employer offers health insurance plan

Values: 0= Niu
1= Yes
2= No

Universe: (NOW_OWNGRP=2) and (PEMLR = 1 or 2) and (PEIO1COW = 1,2,3,4,5,8,9, or 10)

PEWNELIG1	1	1402	(0:2)

Reason not eligible - Don't work enough hours per week or weeks per year

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 2

PEWNELIG2	1	1403	(0:2)

Reason not eligible - Contract or temporary employees not allowed in plan

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 2

PEWNELIG3	1	1404	(0:2)

Reason not eligible - Have not yet worked for this employer long enough

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 2

PEWNELIG4	1	1405	(0:2)

Reason not eligible - Have a pre-existing condition

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 2

PEWNELIG5	1	1406	(0:2)

Reason not eligible - Too expensive

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 2

PEWNELIG6	1	1407	(0:2)

Reason not eligible - Other

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 2

PEWNTAKE1	1	1408	(0:2)

Reason did not take up - Covered by another plan

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 1

PEWNTAKE2	1	1409	(0:2)

Reason did not take up - Traded health insurance for higher pay

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 1

PEWNTAKE3	1	1410	(0:2)

Reason did not take up - Too expensive

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 1

PEWNTAKE4	1	1411	(0:2)

Reason did not take up - Don't need health insurance

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 1

Variable	Length	Position	Range

PEWNTAKE5 1 | 1412 (0:2)

Reason did not take up - Have a pre-existing condition

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 1

PEWNTAKE6 1 | 1413 (0:2)

Reason did not take up - Have not yet worked for this employer long enough

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 1

PEWNTAKE7 1 | 1414 (0:2)

Reason did not take up - Contract or temporary employees not allowed in plan

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 1

PEWNTAKE8 1 | 1415 (0:2)

Reason did not take up - Other

Values: 0= Niu
1= Yes
2= No

Universe: PEOFFER = 1 AND PECOULD = 1

SubTopic: Health status

HEA 1 | 1416 (1:5)

Health status

Values: 1= Excellent
2= Very good
3= Good
4= Fair
5= Poor

Universe: All persons

I_HEA 2 | 1417 (-1:3)

Allocation flag for HEA

Values: -1= Out of universe
0= Reported
1= Hotdeck imputation
2= Logical imputation
3= Whole unit imputation

Universe: All persons

Topic: Supplemental Poverty Measure

SubTopic: Record Identifier

SPM_Head 1 | 1419 (0:1)

Indicator for head of SPM resource unit

Values: 1 = Head of SPM unit
0 = Not head of SPM unit

Universe: All Persons

SPM_ID 8 | 1420 (0000000:99999999)

SPM unit identification number

Values: Unique identifier

Universe: All Persons

SubTopic: SPM Unit Characteristics

SPM_ACTC 5 | 1428 (0:99999)

SPM units Additional Child Tax Credit

Values: $0 to $99,999

Universe: All Persons

SPM_CapHouseSub 5 | 1433 (00000:99999)

SPM unit's capped housing subsidy

Values: $0 to $99,999

Universe: All Persons

SPM_CapWkCCXpns 6 | 1438 (0:999999)

SPM unit's capped work and child care expenses

Values: $0 to $999,999

Universe: All Persons

SPM_ChildcareXpns 6 | 1444 (0:999999)

SPM unit's child care expenses-not capped

Values: $0 to $999,999

Universe: All Persons

SPM_ChildSupPd 5 | 1450 (0:99999)

SPM unit's child support paid

Values: $0 to $99,999

Universe: All Persons

SPM_EITC 5 | 1455 (0:999999)

SPM unit's Federal Earned Income Tax Credit

Values: $0 to $99,999

Universe: All Persons

Variable	*Length*	*Position*	*Range*

SPM_EngVal 4 | 1460 (0000:9999)

SPM unit's energy subsidy

Values: $0 to $9,999

Universe: All Persons

SPM_EquivScale 6 | 1464 (0.0000:3.0000)

Equivalence scale is used to adjust reference thresholds for the number of adults and children in the SPM unit and is normalized so that the scale for a 2 adult and 2 child SPM unit=1.

Values: 0 to 3 (with 4 decimals)

Universe: All Persons

SPM_FamType 1 | 1470 (1:5)

SPM unit's family type

Values: 1 = Married couple family
2 = Cohabiting partner
3 = Male reference person
4 = Female reference person
5 = Unrelated individuals

Universe: All Persons

SPM_FedTax 7 | 1471 (-999999:9999999)

SPM unit's Federal tax

Values: -$999,999 to $9,999,999

Universe: All Persons

SPM_FedTaxBC 7 | 1478 (-999999:9999999)

SPM unit's Federal tax before refundable tax credits

Values: $-999,999 to $9,999,999

Universe: All Persons

SPM_FICA 5 | 1485 (0:99999)

SPM unit's Federal Insurance Contributions Act and federal retirement contribution

Values: $0 to $99,999

Universe: All Persons

SPM_GeoAdj 6 | 1490 (0.0000:2.0000)

SPM unit's geographic food, shelter, clothing and utility (FSCU) adjustment

Values: 0 to 2 (with 4 decimals)

Universe: All Persons

SPM_Hage 2 | 1496 (15:85)

Head of SPM unit's age

Values: 15...79 = 15 - 79 years of age
80 = 80 - 84 years of age
85 = 85 years of age and greater

Universe: All Persons

SPM_HHisp 1 | 1498 (0:1)

Head of SPM unit is Hispanic

Values: 1 = Hispanic
0 = Not Hispanic

Universe: All Persons

SPM_HMaritalStatus 1 | 1499 (1:7)

Head of SPM unit's marital status

Values: 1 = Married - civilian spouse present
2 = Married - armed forces spouse present
3 = Married - spouse absent (excluding separated)
4 = Widowed
5 = Divorced
6 = Separated
7= Never Married

Universe: All Persons

SPM_HRace 1 | 1500 (1:4)

Head of SPM unit's race, not considering Hispanic

Values: 1 = White alone
2 = Black alone
3 = Asian alone
4 = Other (American Indian, Alaska Native, Pacific Islander, Multiracial)

Universe: All Persons

SPM_MedXpns 7 | 1501 (0:9999999)

SPM unit's Medical Out-of-Pocket (MOOP) and Medicare Part B subsidy

Values: $0 to $9,999,999

Universe: All Persons

SPM_NumAdults 2 | 1508 (0:20)

SPM unit's number of adults

Values: 0 to 20

Universe: All Persons

SPM_NumKids 2 | 1510 (0:20)

SPM unit's number of children

Values: 0 to 20

Universe: All Persons

SPM_NumPer 2 | 1512 (0:20)

SPM unit's number of persons

Values: 0 to 20

Universe: All Persons

Variable	*Length*	*Position*	*Range*
SPM_Poor	1	1514	(0:1)

SPM poverty status

Values: 1 = In poverty
0 = Not in poverty

Universe: All Persons

SPM_PovThreshold	5	1515	(00000:99999)

SPM unit's SPM poverty threshold

Values: $0 to $99,999

Universe: All Persons

SPM_Resources	7	1520	(-999999:9999999)

Total SPM resources for SPM unit

Values: -$999,999 to $9,999,999

Universe: All Persons

SPM_SchLunch	4	1527	(0000:9999)

SPM unit's school lunch subsidy

Values: $0 to $9,999

Universe: All Persons

SPM_SNAPSub	5	1531	(00000:99999)

SPM unit's Supplemental Nutrition Assistance Program (SNAP) subsidy

Values: $0 to $99,999

Universe: All Persons

SPM_StTax	6	1536	(-9999:999999)

SPM unit's state tax

Values: -$9,999 to $999,999

Universe: All Persons

SPM_TenMortStatus	1	1542	(1:3)

SPM unit's tenure/mortgage status

Values: 1 = Owner with Mortgage
2 = Owner with Mortgage or rent-free
3 = Renter

Universe: All Persons

SPM_Totval	7	1543	(-999999:9999999)

SPM unit's cash income

Values: -$999,999 to $9,999,999

Universe: All Persons

SPM_wCohabit	1	1550	(0:1)

SPM unit has cohabiting couple

Values: 1 = Has cohabiting couple
0 = No cohabiting couple

Universe: All Persons

SPM_Weight	7	1551	(9999:9999999)

SPM unit's integer weight

Values:

Universe: All Persons

SPM_wFoster22	1	1558	(0:1)

SPM unit has a foster child under 22 years old

Values: 1 = Has foster child under 22
0 = No foster child under 22

Universe: All Persons

SPM_WICval	4	1559	(0000:9999)

SPM unit's Women, Infants, and Children (WIC) subsidy

Values: $0 to $9,999

Universe: All Persons

SPM_WkXpns	5	1563	(0:99999)

SPM unit's work expenses-not capped

Values: $0 to $99,999

Universe: All Persons

SPM_wNewHead	1	1568	(0:1)

SPM unit has a new head of household

Values: 1 = New head of household
0 = No new head of household

Universe: All Persons

SPM_wNewParent	1	1569	(0:1)

SPM unit has a new parent

Values: 1 = New parent
0 = No new parent

Universe: All Persons

SPM_wUI_LT15	1	1570	(0:1)

SPM unit has an unrelated individual under 15 years old

Values: 1 = Has UI under 15
0 = No UI under 15

Universe: All Persons

Topic: Migration

SubTopic: 1-Year

MIG_CBST 1 | 1571 (0:4)

Metropolitan statistical area status description of residence last year

Values: 0 = NIU, nonmover
1 = CBSA
2 = non CBSA
3 = Abroad
4 = Not identifiabl

Universe: MIGSAME = 2, 3

MIG_DIV 2 | 1572 (0:10)

Census division of previous year residence

Values: 0 = not in universe (under 1 year old)
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
10 = abroad

Universe: A_AGE > 0

MIG_DSCP 1 | 1574 (0:5)

CBSA status of residence 1 year ago.

Values: 0 = NIU (under 1 year old, nonmover)
1 = Principal city of a CBSA
2 = Balance of a CBSA
3 = Non-metro
4 = Abroad
5 = Not identified

Universe: MIGSAME=2,3

MIG_MTR1 1 | 1575 (0:9)

Mover recode - metropolitan status before and after move

Values: 1 = Nonmover
2 = Metro to metro
3 = Metro to non-metro
4 = Non-metro to metro
5 = Non-metro to non-metro
6 = Abroad to metro
7 = Abroad to non-metro
8 = Not in universe (Children under 1 year old)
9 = Not identifiable

Universe: MIGSAME=2,3

MIG_MTR3 1 | 1576 (0:8)

Mover recode - within area moves

Values: 1 = Nonmover
2 = Same county
3 = Different county, same state
4 = Different state, same division
5 = Different division, same region
6 = Different region
7 = Abroad
8 = Not in universe (children under 1 yr old)

Universe: MIGSAME=2,3

MIG_MTR4 1 | 1577 (0:9)

Mover recode - region of previous residence

Values: 1 = nonmover
2 = same county
3 = different county, same state
4 = different state in northeast
5 = different state in midwest
6 = different state in south
7 = different state in west
8 = abroad, foreign country
9 = not in universe (children under 1 yr old)

Universe: MIGSAME=2,3

MIG_REG 1 | 1578 (0:5)

Census region

Values: 0 = not in universe (under 1 year old)
1 = northeast
2 = midwest
3 = south
4 = west
5 = abroad

Universe: MIGSAME=2,3

Variable	*Length*	*Position*	*Range*

MIG_ST 2 | 1579 (0:96)

FIPS State code of previous residence

Values: 00 = niu
01 = alabama
02 = alaska
04 = arizona
05 = arkansas
06 = california
08 = colorado
09 = connecticut
10 = delaware
11 = district of columbia
12 = florida
13 = georgia
15 = hawaii
16 = idaho
17 = illinois
18 = indiana
19 = iowa
20 = kansas
21 = kentucky
22 = louisiana
23 = maine
24 = maryland
25 = massachusetts
26 = michigan
27 = minnesota
28 = mississippi
29 = missouri
30 = montana
31 = nebraska
32 = nevada
33 = new hampshire
34 = new jersey
35 = new mexico
36 = new york
37 = north carolina
38 = north dakota
39 = ohio
40 = oklahoma
41 = oregon
42 = pennsylvania
44 = rhode island
45 = south carolina
46 = south dakota
47 = tennessee
48 = texas
49 = utah
50 = vermont
51 = virginia
53 = washington
54 = west virginia
55 = wisconsin
56 = wyoming
96 = abroad

Universe: MIGSAME=2,3

MIGSAME 1 | 1581 (0:3)

Was ... living in this house (apt.) 1 year ago; that is, on March 1, 20..?

Values: 0 = niu
1 = yes (nonmover)
2 = no, different house in u.s. (mover)
3 = no, outside the u.s. (mover)

Universe: A_AGE > 0

NXTRES 2 | 1582 (0:20)

What was ... main reason for moving?

Values: 0 = niu
1 = change in marital status
2 = to establish own household
3 = other family reason
4 = relationship with unmarried partner (boy/girlfriend, fiance, etc.)
5 = new job or job transfer
6 = to look for work or lost job
7 = to be closer to work/easier commute
8 = retired
9 = other job-related reason
10 = wanted to own home, not rent
11 = wanted new or better house/apartment
12 = wanted better neighborhood/less crime
13 = wanted cheaper housing
14 = foreclosure/eviction
15 = other housing reason
16 = to attend or leave college
17 = change of climate
18 = health reasons
19 = natural disaster (hurricane, tornado, etc.)
20 = other reason

Universe: MIGSAME=2,3

SubTopic: *5-Year*

M5G_CBST 1 | 1584 (0:4)

Metropolitan statistical area status description of residence five years ago

Values: Same as MIG_CBST

Universe: M5GSAME = 2

M5G_DIV 2 | 1585 (0:10)

Census division of residence 5 years ago

Values: Same as MIG_DIV

Universe: A_AGE > 4

M5G_DSCP 1 | 1587 (0:5)

CBSA status of residence 5 years ago.

Values: Same as MIG_DSCP

Universe: M5GSAME=2,3

Variable	*Length*	*Position*	*Range*

M5G_MTR1 1 | 1588 (0:9)

Mover recode - metropolitan status before and after move

Values: Same as MIG_MTR1

Universe: M5GSAME=2,3

M5G_MTR3 1 | 1589 (0:8)

Mover recode - within area moves

Values: 1 = nonmover
2 = same county
3 = different county, same state
4 = different state in northeast
5 = different state in midwest
6 = different state in south
7 = different state in west
8 = abroad, foreign country
9 = not in universe (children under 1 yr old)

Universe: M5GSAME=2,3

M5G_MTR4 1 | 1590 (0:9)

Mover recode - region of previous residence

Values: 1 = nonmover
2 = same county
3 = different county, same state
4 = different state in northeast
5 = different state in midwest
6 = different state in south
7 = different state in west
8 = abroad, foreign country
9 = not in universe (children under 1 yr old)

Universe: M5GSAME=2,3

M5G_REG 1 | 1591 (0:5)

Census region of residence 5 years ago

Values: 0 = not in universe (under 1 year old)
1 = northeast
2 = midwest
3 = south
4 = west
5 = abroad

Universe: M5GSAME=2,3

M5G_ST 2 | 1592 (0:96)

FIPS State code of residence 5 yeasr ago

Values: 00 = niu
01 = alabama
02 = alaska
04 = arizona
05 = arkansas
06 = california
08 = colorado
09 = connecticut
10 = delaware
11 = district of columbia
12 = florida
13 = georgia
15 = hawaii
16 = idaho
17 = illinois
18 = indiana
19 = iowa
20 = kansas
21 = kentucky
22 = louisiana
23 = maine
24 = maryland
25 = massachusetts
26 = michigan
27 = minnesota
28 = mississippi
29 = missouri
30 = montana
31 = nebraska
32 = nevada
33 = new hampshire
34 = new jersey
35 = new mexico
36 = new york
37 = north carolina
38 = north dakota
39 = ohio
40 = oklahoma
41 = oregon
42 = pennsylvania
44 = rhode island
45 = south carolina
46 = south dakota
47 = tennessee
48 = texas
49 = utah
50 = vermont
51 = virginia
53 = washington
54 = west virginia
55 = wisconsin
56 = wyoming
96 = abroad

Universe: M5GSAME=2,3

Variable	*Length*	*Position*	*Range*

M5GSAME 1 | 1594 (0:3)

Was ... living in this house (apt.) 5 years ago;
that is, on March 1, 20..?

Values: 0 = niu
1 = yes (nonmover)
2 = no, different house in u.s. (mover)
3 = no, outside the u.s. (mover)

Universe: A_AGE > 4

SubTopic: *Allocation Flags*

I_M5G1 1 | 1595 (0:5)

M5GSAME imputation flag

Values: 0 = niu, or not changed.
1 = assigned from householder.
2 = assigned from spouse
3 = assigned from parent 1
4 = assigned from parent 2
5 = allocated from matrix mob

Universe: All persons

I_M5G2 2 | 1596 (0:10)

MIG_ST imputation flag

Values: 0 = niu, or not changed.
1 = assigned from householder
2 = assigned from spouse
3 = assigned from parent 1
4 = assigned from parent 2
5 = allocated from matrix mig1 (state and below)
6 = allocated from matrix mig2 (foreign country)
7 = allocated from matrix mig3 (county and below, not New York City)
8 = allocated from matrix mig4 (MCD and below, MCD states)
9 = allocated from matrix mig5 (county for NYC)
10 = allocated from matrix mig6 (Place only, nonMCD states)

Universe: All persons

I_M5G3 1 | 1598 (0:5)

Level of allocation (assignment) for previous residence

Values: 0 = niu, or not changed.
1 = state and below
2 = county and below
3 = mcd and below (MCD states only)
4 = place only (nonMCD states)
5 = county in new york city assigned

Universe: All persons

I_MIG1 1 | 1599 (0:5)

MIGSAME imputation flag

Values: 0 = niu, or not changed.
1 = assigned from householder.
2 = assigned from spouse
3 = assigned from parent 1
4 = assigned from parent 2
5 = allocated from matrix mob

Universe: All persons

I_MIG2 2 | 1600 (0:10)

MIG_ST imputation flag

Values: 0 = niu, or not changed.
1 = assigned from householder
2 = assigned from spouse
3 = assigned from parent 1
4 = assigned from parent 2
5 = allocated from matrix mig1
6 = allocated from matrix mig2
7 = allocated from matrix mig3
8 = allocated from matrix mig4
9 = allocated from matrix mig5
10 = allocated from matrix mig6

Universe: All persons

I_MIG3 1 | 1602 (0:5)

Level of allocation (assignment) for previous residence

Values: 0 = niu, or not changed.
1 = state and below
2 = county and below
3 = mcd and below (MCD states only)
4 = place only (nonMCD states)
5 = county in new york city assigned

Universe: All persons

I_NXTRES 1 | 1603 (0:5)

Imputation flag for NXTRES

Values: 0 = niu, or not changed.
1 = assigned from householder
2 = assigned from spouse
3 = assigned from parent 1
4 = assinged from parent 2
5 = allocated from matrix

Universe: NXTRES > 0

Record Type: *Person*

Variable	*Length*	*Position*	*Range*	*Variable*	*Length*	*Position*	*Range*

Glossary

Subject Concepts

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 old and over for the Annual Social and Economic (ASEC) Supplement data and for CPS labor force data.

Annuities
(See Income.)

Armed Forces
Armed Forces members enumerated in off-base housing or on base with their families are included on the CPS ASEC file, as long as at least one civilian adult lives in the same household. In addition to demographic and family data, supplemental data on income and work experience for Armed Forces members are included.

Base Weight
The constant weight assigned to the sample (inverse of the sampling fraction) which is adjusted to produce the final weight.

Civilian Labor Force
(See Labor Force.)

Class of Worker
This refers to the broad classification of the person's employer. On the ASEC file, these broad classifications for current jobs are private, government, self-employed, without pay, and never worked. Private and government workers are considered "wage and salary workers;" this classification scheme includes self-employed, incorporated persons in with "private" workers. For the longest job held last year, this class of worker scheme includes private; government by level/Federal, State, and local; self-employed incorporated, self-employed unincorporated or farm; and without pay. The wage and salary category for longest job held includes private, government (all levels), and self-employed incorporated.

Dividends
(See Income)

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. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

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.

Earnings Weight
Each person record in month-in- sample 4 and 8 contains an earnings weight for current earnings.

Education
(See Level of School Completed.)

Employed
(See Labor Force.)

Energy Assistance Program
The Low-Income Home Energy Assistance Program provides financial assistance to qualified households to help them pay heating costs. The program is funded by the Federal government and administered by the States under broad guidelines. In some States a household may automatically be eligible for this program if the household receives (1) Aid to Families with Dependent Children, (2) Food Stamps, (3) Supplemental Security Income (SSI), and (4) certain Veterans' benefits.

The energy assistance questions were asked for the first time in 1982. In 2011, the question was revised to include assistance for cooling as well as heating expenses, and the reference period was expanded from: (a) receipts since October 1 of the previous year; to (b) receipts for the entire previous calendar year.

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 unrelated 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 definition of Family).

Family Weight
The weight on the family record is the March supplement weight of the householder or reference person. This weight on the primary family record should be used to tabulate the number of families.

Farm Self-Employment Net Income
The term is defined as net money income (gross receipts minus operating expenses) from the operation of a farm by a person on his own account, as an owner, as a renter, or as a sharecropper. Gross receipts include the value of all products sold, government crop loans, money received from the rental of farm equipment to others, and incidental receipts from the sale of wood, sand, gravel, etc.

Operation expenses include cost of feed, fertilizer, seed, and other farming supplies, cash wages paid to farm hands, depreciation charges, cash rent, interest on farm mortgages, farm building repairs, farm taxes (not State and Federal income taxes), etc. The value of fuel, food, or other farm products used for household living is not included as part of net income. Inventory changes are considered in determining net income only when they are accounted for in replies based on income tax returns or other official records which reflect inventory changes.

Final Weight
Used in tabulating monthly labor force items. This weight should be used when producing estimates from the basic CPS data. It should not be used to tabulate ASEC supplement data.

Food Stamps
The Food Stamp Act of 1977 was enacted for the purpose of increasing the food purchasing power of eligible households through the use of coupons to purchase food. The Food and Nutrition Service of the U.S. Department of Agriculture (USDA) administers the Food Stamp Program through State and local welfare offices. The Food Stamp Program is the major national income support program which provides benefits to all low- income and low-resource households regardless of household characteristics (e.g., sex, age, disability, etc.). The questions on participation in the Food Stamp Program in the ASEC supplement were designed to identify households in which one or more of the current members received food stamps during the previous calendar year. Once a food stamp household was identified, a question was asked to determine the number of current household members covered by food stamps during the previous calendar year. Questions were also asked about the number of months food stamps were received during the previous calendar year and the total face value of all food stamps received during that period.

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 Health Insurance Coverage
Civilian persons 15 years old and over who worked in the previous calendar year and who participated in group health insurance plans provided by the employer or union were asked whether part or all of the health insurance premiums were paid for by the union or employer and the extent of persons covered.

Additional questions were asked to determine if sample persons were covered by any other type of health insurance plan. These items are intended to measure retirees covered by continuing employer provided coverage and persons who purchased coverage on their own.

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 Census Bureau 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 Origin
Persons of Hispanic origin in this file are determined on the basis of a question asking if the person is Spanish, Hispanic, or Latino. If the response is "yes," a follow-up question determines a specific ethnic origin, asking to select their (the person's) origin from a "flash card" listing. The flash-card selections are Mexican, Mexican-American, Chicano, Puerto Rican, Cuban, Cuban American, or some other Spanish, Hispanic, or Latino group.

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 relate 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
Household weight is the March Supplement weight of the householder. This weight should be used to tabulate estimates of households.

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 on the file is the "reference person" on the CPS-260 control card 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.

Income
For each person in the sample who is 15 years old and over, questions are asked on the amount of money income received in the preceding calendar year from each of the following sources: (1) money wages or salary; (2) net income from nonfarm self-employment; (3) net income from farm self- employment; (4) Social Security or railroad retirement; (5) Supplemental Security Income; (6) public assistance or welfare payments; (7) interest (on savings or bonds); (8) dividends, income from estates or trusts, or net rental income; (9) veterans' payment or unemployment and workmen's compensation; (10) private pensions or government employee pensions; (11) alimony or child support, regular contributions from persons not living in the household, and other periodic income.

Although income statistics refer to receipts during the preceding year, the characteristics of the person such as age, labor force status, etc., and the composition of households refer to the time of the survey. The income of the household does not include amounts received by persons who are members of the household during all or part of the income year if these persons no longer reside with the household at the time of enumeration. On the other hand, household income includes amounts reported by persons who did not reside with the household during the income year but who were members of the household at the time of enumeration.

Data on consumer income collected in the CPS by the Census Bureau cover money income received (exclusive of certain money receipts such as capital gains) before payments for personal income taxes, Social Security,

union dues, Medicare deductions, etc. Also, money income does not reflect the fact that some households receive part of their income in the form of non-money transfers such as food stamps, health benefits, subsidized housing, and energy assistance; that many farm households receive non-money income in the form of rent free housing and goods produced and consumed on the farm; or that non-money income is received by some nonfarm residents that often takes the form of the use of business transportation and facilities, or full or partial contributions for retirement programs, medical and educational expenses, etc. These elements should be considered when com-paring income levels. Moreover, readers should be aware that for many different reasons there is a tendency in household surveys for respondents to under report their income. From an analysis of independently derived income estimates, it has been determined that wages and salaries tend to be much better reported than such income types as public assistance, Social Security, and net income from interest, dividends, rents, etc.

Income Sources - Wages and Salary
Money wages or salary is defined as total money earnings received for work performed as an employee during the income year. It includes wages, salary, Armed Forces pay, commissions, tips, piece-rate payments, and cash bonuses earned, before deductions are made for taxes, bonds, pensions, union dues, etc. Earnings for self-employed incorporated businesses are considered wage and salary.

Income Sources - Nonfarm Self-Employment
Net income from nonfarm self-employment is net money income (gross receipts minus expenses) from one's own business, professional enterprise, or partnership. Gross receipts include the value of all goods sold and services rendered. Expenses include costs of goods purchased, rent, heat, light, power, depreciation charges, wages and salaries paid, business taxes (not personal income taxes), etc. In general, inventory changes are considered in determining net income since replies based on income tax returns or other official records do reflect inventory changes. However, when values of inventory changes are not reported, net income figures exclusive of inventory changes are accepted. The value of saleable merchandise consumed by the proprietors of retail stores is not included as part of net income.

Income Sources - Farm Self-Employment
Net income from farm self-employment is net money income (gross receipts minus operating expenses) from the operation of a farm by a person on his own account, as an owner, as a renter, or as a sharecropper. Gross receipts include the value of all products sold, government crop loans, money received from the rental of farm equipment to others, and incidental receipts from the sale of wood, sand, gravel, etc.

Operating expenses include cost of feed, fertilizer, seed, and other farming supplies, cash wages paid to farm hands, depreciation charges, cash rent, interest on farm mortgages, farm building repairs, farm taxes (not State and Federal income taxes), etc. The value of fuel, food, or other farm products used for family living is not included as part of net income. In general, inventory changes are considered in determining net income only when they are accounted for in replies based on income tax returns or other official records which reflect inventory changes; otherwise, inventory changes are not taken into account.

Income Sources - Social Security
Social Security includes Social Security pensions and survivors' benefits, and permanent disability insurance payments made by the Social Security Administration prior to deductions for medical insurance and railroad retirement insurance checks from the U.S. Government. "Medicare" reimbursements are not included.

Income Sources - Supplemental Security Income
Supplemental Security Income includes payments made by Federal, State, and local welfare agencies to low income persons who are (1) aged (65 years old and over), (2) blind, or (3) disabled.

Income Sources - Public Assistance
Public assistance or welfare payments include public assistance payments such as Aid to Families with Dependent Children and general assistance.

Income Sources - Interest and Dividends
Interest, dividends, income from estates or trusts, net rental income or royalties include dividends from stock-holdings or membership in associations, interest on savings or bonds, periodic receipts from estates or trust funds, net income from rental of a house, store, or other property to others, receipts from boarders or lodgers, and net royalties.

Income Sources - Unemployment Compensation
Worker's Compensation, and Veterans' Payments. Unemployment compensation, veterans' payments, or worker's compensation includes: (1) unemployment compensation received from government unemployment insurance agencies or private companies during periods of unemployment and any strike benefits received from union funds; (2) money paid periodically by the Veterans Administration to disabled members of the

Armed Forces or to survivors of deceased veterans, subsistence allowances paid to veterans for education and on-the-job training, as well as so-called "refunds" paid to ex-servicemen as GI insurance premiums; and (3) worker's compensation received periodically from public or private insurance companies for injuries incurred at work. The cost of this insurance must have been paid by the employer and not by the person.

Income Sources - Private and Government Pensions and Annuities
Many employers and unions have established pension program their employees so that upon retirement the employee will receive regular income to replace his/her earnings. Many of these programs also provide income to the employees if he/she becomes severely disabled, or to his/her survivors if the employee dies. Other types of retirement income include annuities and paid up life insurance policies. Some people purchase annuities which yield a set amount over a certain number of years. Other people may convert their paid up life insurance policy into an annuity after they retire.

Income Sources - Alimony and Child Support
Alimony is money received periodically from a former spouse following a divorce or separation.
Child support is money received from a parent for the support of their children following a divorce or legal separation. Money received from relatives, other than the parent, or friends is not considered as child support.

Receipts Not Counted As Income
Receipts from the following sources are not included as income: (1) money received from the sale of property, such as stocks, bonds, a house, or a car (unless the person is engaged in the business of selling such property, in which case the net proceeds is counted as income from self-employment); (2) withdrawals of bank deposits; (3) money borrowed; (4) tax refunds; (5) gifts; and (6) lump-sum inheritances of insurance payments.

Industry, Occupation, and Class of Worker (I&O) - Current Job (Basic CPS 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) from which they were on layoff. 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. The occupation/industry classification system for the 2000 Census was used to code CPS data beginning with the January 2003 file. See Table 1 below; the occupation classifications underwent revisions in 2011, to make them consistent with Census 2010.

I&O - Longest Job (supplement data)
Longest job applies to the job held longest during the preceding year for persons who worked that year, without regard to their current employment status.

Table 1 – I&O Details for Current Job (Basic CPS) and Longest Job (ASEC Supplement)

Subject		**Current Job (Basic CPS data)**	**Longest Job Last Year (ASEC data)**
		Variable Name	
Industry	4-digit code	PEIOIND	INDUSTRY
	2-digit recode (detailed groups)	A_DTIND	WEIND
	2-digit recode (major groups)	A_MJIND	WEMIND
Occupation	4-digit code	PEIOOCC	OCCUP
	2-digit recode (detailed groups)	A_DTOCC	POCCU2
	2-digit recode (major groups)	A_MJOCC	WEMOCG
Class of Worker	Class of Worker	A_CLSWKR	LJCW

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

Keeping House
Persons are classified as keeping house if they engage in own housework. This is one of the "not in labor force" classifications employment status recode (ESR) = 4.

LFSR (Labor Force Status 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. Labor Force – Employed
Employed persons comprise (1) all civilians who, during the survey week did 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 or 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 Labor Force Status Recode (LFSR) of 1 or 2 respectively in character 145 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. Labor Force – 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 LFSR code of 3 or 4 in the person record. The unemployed includes job leavers, job losers, new job entrants, and job reentrants.

2a. Unemployed - Job Leavers
Persons who quit or otherwise terminate their employment voluntarily and immediately begin looking for work.

2b. Unemployed - Job Losers
Persons whose employment ends involuntarily, who immediately begin looking for work, and those persons who are already /on layoff.

2c. Unemployed - New Job Entrants
Persons who never worked at a full-time job lasting two weeks or longer.

2d. Unemployed - 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.

3. Labor Force - Not in Labor Force
Included in this group are all persons in the civilian noninstitutional population who are neither employed nor unemployed. Information is collected on their desire for and availability to take a job at the time of the CPS interview, job search activity in the prior year, and reason for not looking in the 4-week period prior to the survey week. This group includes discouraged workers, defined as persons not in the labor force who want and are available for a job and who have looked for work sometime in the past 12 months (or since the end of their last job if they held one within the past 12 months), but who are not currently looking because they believe there are no jobs available or there are none for which they would qualify. Such persons have an LFSR code of 7 in the person record.

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.

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 on the March 1992 file. A new question, "What is the highest level of school ... has completed or the highest degree ... has received? Replace 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.

March Supplement Weight
The March supplement weight is on all person records and is used to produce "supplement" estimates; that is, income, work experience, migration, and family characteristic estimates.

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 Forces spouse present," "married, spouse absent," "married, Armed Forces 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."

Medicare
The Medicare Program is designed to provide medical care for the aged and disabled. The Basic Hospital Insurance Plan (Part A) is designed to provide basic protection against hospital costs and related post-hospital services. This plan also covers many persons under 65 years old who receive Social Security or railroad retirement benefits based on long-term disability. Part A is financed jointly by employers and employees through Social Security payroll deductions. Qualified persons 65 years old and over who are not otherwise eligible for Part A benefits may pay premiums directly to obtain this coverage. The Medical Insurance Plan (Part B) is a voluntary plan which builds upon the hospital insurance protection provided by the basic plan. It provides insurance protection covering physicians' and surgeons' services and a variety of medical and other health services received either in hospitals or on an ambulatory basis. It is financed through monthly premium payments by each enrollee, and subsidized by Federal general revenue funds.

The Medicare question on the ASEC supplement attempted to identify all persons 15 years old and over who were "covered" by Medicare at any time during the previous calendar year. The term "covered" means enrolled in the Medicare Program. In order to be counted, the person did not necessarily have to receive medical care paid for by Medicare.

Medicaid
The Medicaid Program is designed to provide medical assistance to needy families with dependent children, and to aged, blind, or permanently and totally disabled individuals whose incomes and resources are insufficient to meet the costs of necessary medical services. The program is administered by State agencies through grants from the Health Care Financing Administration of the Department of Health and Human Services. Funding for medical assistance payments consists of a combination of Federal, State, and in some cases, local funds.

Medicaid is a categorical program with complex eligibility rules which vary from State to State. There

are two basic groups of eligible individuals: the categorically eligible and the medically needy. The major categorically eligible groups are all Aid to Families with Dependent Children (AFDC) recipients and most Supplemental Security Income (SSI) recipients. Other categorically eligible groups are (1) those who meet basic State cash assistance eligibility rules/aged, blind, disabled, needy single parents with children, and, in some States, needy unemployed parents with children, but who are not currently receiving money payments; and (2) needy persons who meet categorical eligibility standards but are institutionalized for medical reasons (e.g., low- income elderly persons in nursing homes). However, such institutionalized persons are not included in the CPS universe and, therefore, are not reflected in these statistics.

In roughly one-half of the States, coverage is extended to the medically needy/persons meeting categorical age, sex, or disability criteria, whose money incomes and assets exceed eligibility levels for cash assistance but are not sufficient to meet the cost of medical care. In such States, qualifying income and asset levels are usually above those set for cash assistance. Families with large medical expenses relative to their incomes and assets may also meet medically needy eligibility standards in these States.

The Medicaid question on the ASEC supplement attempted to identify all persons who were "covered" by Medicaid at any time during the previous calendar year. The term "covered" means enrolled in the Medicaid program, i.e., had a Medicaid medical assistance card, or incurred medical bills which were paid for by Medicaid. In order to be counted, the person did not have to receive medical care paid for by Medicaid.

After data collection and creation of an initial microdata file, further refinements were made to assign Medicaid coverage to children. In this procedure all children under 21 years old in families were assumed to be covered by Medicaid if either the householder or spouse reported being covered by Medicaid (this procedure was required mainly because the Medicaid coverage question was asked only for persons 15 years old and over). All adult AFDC recipients and their children, and SSI recipients living in States which legally require Medicaid coverage of all SSI recipients, were also assigned coverage.

Mobility Status
The population of the United States, 1 year old and over, is classified according to mobility status on the basis of a comparison between the place of residence of each individual at the time of the ASEC supplement and the place of residence in March of the previous year. For ASEC years ending in 0 and 5, this information is also collected for 5-year mobility for person 5 years old and over.

Migration status (one-year) is derived from answers to questions about residence one year before the survey date and the geographic location of the respondent’s current residence. One-year migration data are collected annually. Similarly, five-year migration status is based on residence five years ago compared to current residence. The first of three inquiries is: "Were/Was ___living in this house one year ago?" If the answer was "No," the enumerator asked, "Where did ___ live one year ago?" In classification, three main categories distinguish nonmovers, movers within the United States, and movers from abroad.

Nonmovers are all persons who are living in the same house at the end of the period as at the beginning of the period. Movers within the United States are all persons who are living in a different house in the United States at the end of the period than at the beginning of the period. Movers from abroad include all persons whose place of residence is outside the United States at the beginning of the period, that is, in an outlying area under the jurisdiction of the United States or in a foreign country.

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.

Nonfarm Self-employment Net Income
The term is defined as net money income (gross receipts minus expenses) from an individual's own business, professional enterprise, or partnership. Gross receipts include the value of all goods sold and services rendered. Expenses include costs of goods purchased, rent, heat, light, power, depreciation charges, wages and salaries paid, business taxes (not personal income taxes), etc. In

general, inventory changes are considered in determining net income; replies based on income tax returns or other official records do reflect inventory changes; however, when values of inventory changes are not reported, net income figures exclusive of inventory changes are accepted. The value of saleable merchandise consumed by the proprietors of retail stores is not included as part of net income.

Nonworker
A person who did 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 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, child (including natural, adopted, or step child), sibling, or parent; for example, grandson, daughter-in-law, etc.

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.

Pension Plan
The pension plan question on the ASEC supplement attempted to identify if pension plan coverage was available through an employer or union and if the employee was included. This information was collected for civilian persons 15 years old and over who worked during the previous calendar year.

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 in households with least one civilian adult 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.

Poverty
In this file, families and unrelated individuals are classified as being above or below the poverty level using a poverty index adopted by a Federal Interagency Committee in 1969 and slightly modified in 1981.

The modified index provides a range of income cutoffs or "poverty thresholds" adjusted to take into account family size, number of children, and age of the family householder or unrelated individual; prior to 1981, adjustments were also made on the basis of farm-nonfarm residence and sex of the householder.

The impact of these revisions on the poverty estimates is minimal at the national level. The poverty cutoffs are updated every year to reflect changes in the Consumer Price Index. The average poverty threshold for a family of four was $12,091 in 1985. For a detailed explanation of the poverty definition, see Current Population Reports, Series P-60, No. 238, Income, Poverty, and Health Insurance Coverage in the United States: 2009.

Public Assistance
(See Income.)

Public or Other Subsidized Housing
Participation in public housing is determined by two factors: program eligibility and the availability of housing. Income standards for initial and continuing occupancy vary by local housing authority, although the limits are constrained by Federal guidelines. Rental charges, which, in turn, define net benefits, are set by a Federal statute not to exceed 30 percent of net monthly money income. A recipient unit can either be a family of two or more related persons or an individual who is handicapped, elderly, or displaced by urban renewal or natural disaster.

There are some programs through which housing assistance is provided to low-income families and individuals living in public or privately owned dwellings. Two of the more common types of programs in which Federal, State, and local funds are used to subsidize private sector housing are rent supplement and interest reduction plans. Under a rent supplement plan the difference between the "fair market" rent and the rent charged to the tenant is paid to the owner by a government agency. Under an interest reduction program, the amount of interest paid on the mortgage by the owner is reduced so that subsequent savings can be passed along to low income tenants in the form of lower rent charges.

There were two questions dealing with public and low cost housing on the ASEC supplement questionnaire. The first question identifies residence in a housing unit owned by a public agency. The second question identifies beneficiaries who were not living in public housing projects, but who were paying lower rent due to a government subsidy. These questions differ from other questions covering noncash benefits in that they establish current recipiency status in March of the current year rather than recipiency status during the previous year.

Race
Beginning in January 2003, revisions to race categories took effect. Respondents were allowed to report more than one race, making selections from a "flash-card". The six race groups are: White, Black or African American, American Indian or Alaskan Native, Asian, Native Hawaiian or Other Pacific Islander, and Other race. The last category includes any other race except the five mentioned. Because of these changes, data on race are not directly comparable to previous files. Use caution when interpreting changes in the racial composition of the U.S. over time.

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.

School Lunches
The National School Lunch Program is designed to assist States in providing a school lunch for all children at moderate cost. The National School Lunch Act of 1946 was further amended in 1970 to provide free and reduced-price school lunches for children of needy families. The program is administered by the Food and Nutrition Service of the U.S. Department of Agriculture (USDA) through State educational agencies or through regional USDA nutrition services for nonprofit private schools. The program is funded by a combination of Federal funds and matching State funds.

All students eating lunches prepared at participating schools pay less than the total cost of the lunches. Some students pay the "full established" price for lunch (which itself is subsidized) while others pay a "reduced" price for lunch, and still others receive a "free" lunch. Program regulations require students receiving free lunches to live in households with incomes below 125 percent of the

official poverty level. Those students receiving a reduced- price school lunch (10 to 20 cents per meal) live in households with incomes between 125 percent and
195 percent of the official poverty level. The data in this file, however, do not distinguish between recipiency of free and reduced-price school lunches.

The questions on the ASEC supplement provide a very limited amount of data for the school lunch program. Questions concerning the school lunch program were designed to identify the number of members 5 to 18 years old in households who "usually" ate a hot lunch. This defined the universe of household members usually receiving this noncash benefit. This was followed by a question to identify the number of members receiving free or reduced price lunches.

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

Secondary Individuals
A roomer, boarder, or resident employee with no relatives in the household, or a group quarters member who has no relatives living with him/her.

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.

Topcode
For confidentiality purposes, usual hourly earnings from the current job and earnings from the longest job are topcoded (i.e., cut off at a particular amount).

Refer to Appendix F for an explanation and topcode values of hourly earnings from the current job. Earnings from the longest job are collected during enumeration up to any amount; however, the amount is topcoded on the public use file. (See page 5-1 for more information.) From the supplement, total person's income is the sum of the amounts from the individual income types; total family income is the sum of the total person’s income for each family member; total household income is the sum of the total income for each person in the household.

Total Money Income
The term is defined as the arithmetic sum of money wages and salaries, net income from self-employment, and income other than earnings. The total income of a household is the arithmetic sum of the amounts received by all income recipients in the household.

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

Unemployed
(See Labor Force.)

Unemployment Compensation
(See Income.)

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 is so small that persons in these unrelated subfamilies are included 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 (Dec. 1941 to Dec. 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. (See income.)

Weeks Worked in the Previous Year
Persons are classified according to the number of different weeks, during the preceding calendar year, in which they did any civilian work for pay or profit (including paid vacations and sick leave) or worked without pay on a family-operated farm or 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.

Geographic Concepts

Geographic Division
An area composed of contiguous States, with Alaska and Hawaii also included in one of the divisions. (A State is one of the 51 major political units in the United States.) The nine geographic divisions have been largely unchanged for the presentation of summary statistics since the 1910 census.

Regions
There are four regions: Northeast, Midwest (formerly North Central)[1], West, and South. States and divisions within regions are presented in the tables below.

NORTHEAST REGION	
New England Division	*Middle Atlantic Division*
Connecticut	New Jersey
Maine	New York
Massachusetts	Pennsylvania
New Hampshire	
Rhode Island	
Vermont	

MIDWEST REGION	
East North Central Division	*West North Central Division*
Illinois	Iowa
Indiana	Kansas
Michigan	Minnesota
Ohio	Missouri
Wisconsin	Nebraska
	North Dakota
	South Dakota

MIDWEST REGION	
Mountain Division	*Pacific Division*
Arizona	Alaska
Colorado	California
Idaho	Hawaii
Montana	Oregon
Nevada	Washington
Utah	
Wyoming	
New Mexico	

[1] The Midwest Region was designated as the North Central Region until June 1964

SOUTH REGION		
East South Central Division	*West South Central Division*	*South Atlantic Division*
Alabama	Arkansas	Delaware
Kentucky	Louisiana	District of Columbia
Mississippi	Oklahoma	Florida
Tennessee	Texas	Georgia
		Maryland
		North Carolina
		South Carolina
		Virginia
		West Virginia

APPENDIX A

INDUSTRY CLASSIFICATION

Industry Classification Codes for Detailed Industry (4 digit)
(Starting January 2020)

These categories are aggregated into 52 detailed groups and 14 major groups (see pages 10-12 of this appendix. The codes in the right hand column are the NAICS equivalent.

These codes correspond to items PEIO1ICD and PEIO2ICD of the Basic CPS record layout, in all months, **except the ASEC files**. In the **ASEC**, these codes correspond to PEIOIND 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
1691	Cut and sew apparel manufacturing, apparel accessories, and other apparel manf.	3152, 3159
1770	Footwear manufacturing	3162
1790	Leather tanning and products, except footwear manufacturing	3161, 3169
1870	Pulp, paper, and paperboard mills	3221
1880	Paperboard containers and boxes	32221
1890	Miscellaneous paper and pulp products	32222, 32223, 32229
1990	Printing and related support activities	3231
2070	Petroleum refining	32411
2090	Miscellaneous petroleum and coal products	32419
2170	Resin, synthetic rubber and fibers, and filaments manufacturing	3252
2180	Agricultural chemical manufacturing	3253
2190	Pharmaceutical and medicine manufacturing	3254
2270	Paint, coating, and adhesive manufacturing B46	3255
2280	Soap, cleaning compound, and cosmetics manufacturing	3256
2290	Industrial and miscellaneous chemicals	3251, 3259
2370	Plastics product manufacturing	3261
2380	Tire manufacturing	32621
2390	Rubber products, except tires, manufacturing	32622, 32629

Durable Goods Manufacturing

2470	Pottery, ceramics, and related products manufacturing	32711
2480	Structural clay product manufacturing	32712
2490	Glass and glass product manufacturing	3272
2570	Cement, concrete, lime, and gypsum product manufacturing	3273, 3274
2590	Miscellaneous nonmetallic mineral product manufacturing	3279
2670	Iron and steel mills and steel product manufacturing	3311, 3312
2680	Aluminum production and processing	3313
2690	Nonferrous metal, except aluminum, production and processing	3314
2770	Foundries	3315
2780	Metal forgings and stampings	3321
2790	Cutlery and hand tool manufacturing	3322
2870	Structural metals, and tank and shipping container manufacturing	3323, 3324
2880	Machine shops; turned product; screw, nut and bolt manufacturing	3327
2890	Coating, engraving, heat treating and allied activities	3328
2970	Ordnance	332992 to 332995
2980	Miscellaneous fabricated metal products manufacturing	3325, 3326, 3329 exc. 332992, 332993, 332994, 332995
2990	Not specified metal industries	Part of 331 and 332
3070	Agricultural implement manufacturing	33311
3080	Construction, mining and oil field machinery manufacturing	33312, 33313
3095	Commercial and service industry machinery manufacturing	3333
3170	Metalworking machinery manufacturing	3335
3180	Engines, turbines, and power transmission equipment manufacturing	3336
3291	"Machinery manufacturing, n.e.c. or not specified"	3332, 3334, 3339, Part of 333
3365	Computer and peripheral equipment manufacturing	3341
3370	Communications, audio, and video equipment manufacturing	3342, 3343
3380	Navigational, measuring, electromedical, and control instruments manufacturing	3345
3390	Electronic component and product manufacturing, n.e.c.	3344, 3346
3470	Household appliance manufacturing	3352
3490	Electrical lighting, equipment, and supplies manufacturing, n.e.c.	3351, 3353, 3359
3570	Motor vehicles and motor vehicle equipment manufacturing	3361, 3362, 3363
3580	Aircraft and parts manufacturing	336411 to 336413
3590	Aerospace products and parts manufacturing	336414, 336415, 336419
3670	Railroad rolling stock manufacturing	3365
3680	Ship and boat building	3366
3690	Other transportation equipment manufacturing	3369

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	Household appliances and electrical and electronic goods, merchant wholesalers	4236
4265	Hardware, plumbing and heating equipment, and supplies, merchant wholesalers	4237
4270	Machinery, equipment, and supplies, merchant wholesalers	4238
4280	Recyclable material, merchant wholesalers	42393
4290	Miscellaneous durable goods, merchant wholesalers	4239 exc. 42393
	Nondurable Goods Wholesale	
4370	Paper and paper products, merchant wholesalers	4241
4380	Drugs, sundries, and chemical and allied products, merchant wholesalers	4242, 4246
4390	Apparel, fabrics, and notions, merchant wholesalers	4243
4470	Groceries and related products, merchant wholesalers	4244
4480	Farm product raw materials, merchant wholesalers	4245
4490	Petroleum and petroleum products, merchant wholesalers	4247
4560	Alcoholic beverages, merchant wholesalers	4248
4570	Farm supplies, merchant wholesalers	42491
4580	Miscellaneous nondurable goods, merchant wholesalers	4249 exc. 42491
4585	Wholesale electronic markets, agents and brokers	4251
4590	Not specified wholesale trade	Part of 42

Retail Trade

4670	Automobile dealers	4411
4680	Other motor vehicle dealers	4412
4690	Auto parts, accessories, and tire stores	4413
4770	Furniture and home furnishings stores	442
4780	Household appliance stores	443141
4795	Electronics stores	443142
4870	Building material and supplies dealers	4441 exc. 44413
4880	Hardware stores	44413
4890	Lawn and garden equipment and supplies stores	4442
4971	"Supermarkets and Other Grocery (except Convenience) Stores"44511	
4972	Convenience	
Stores	44512	
4980	Specialty food stores	4452
4990	Beer, wine, and liquor stores	4453
5070	Pharmacies and drug stores	4461
5080	Health and personal care, except drug, stores	446 exc. 44611
5090	Gasoline stations	447
5170	Clothing and accessories, except shoe, stores	448 exc. 44821, 4483
5180	Shoe stores	44821
5190	Jewelry, luggage, and leather goods stores	4483
5275	Sporting goods, and hobby and toy stores	45111, 45112
5280	Sewing, needlework, and piece goods stores	45113
5295	Musical instrument and supplies stores	45114
5370	Book stores and news dealers	45121
5381	Department stores	45221
5391	General merchandise stores, including warehouse clubs and supercenters	4523
5470	Retail florists	4531
5480	Office supplies and stationery stores	45321
5490	Used merchandise stores	4533
5570	Gift, novelty, and souvenir shops	45322
5580	Miscellaneous retail stores	4539
5593	Electronic shopping and mail-order houses	454110
5670	Vending machine operators	4542
5680	Fuel dealers	45431
5690	Other direct selling establishments	45439
5790	Not specified retail trade	Part of 44, 45

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	517311
6690	Other telecommunications services	517 exc. 517311
6695	Data processing, hosting, and related services	518
6770	Libraries and archives	51912
6780	Other information services	5191 exc. 51912, 51913
	Finance, Insurance, Real Estate, and Rental and Leasing	
	Finance and Insurance	
6870	Banking and related activities	521, 52211, 52219
6880	Savings institutions, including credit unions	52212, 52213
6890	Non-depository credit and related activities	5222, 5223
6970	Securities, commodities, funds, trusts, and other financial investments	523, 525
6991	Insurance carriers	5241
6992	Agencies, brokerages, and other insurance related activities	5242

Real Estate and Rental and Leasing

7071	Lessors of real estate, and offices of real estate agents and brokers	5311, 5312
7072	Real estate property managers, offices of real estate appraisers, and other activities related to real estate	5313
7080	Automotive equipment rental and leasing	5321
7181	Other consumer goods rental	53221, 532281, 532282, 532283
7190	Commercial, industrial, and other intangible assets rental and leasing	5324, 533

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

Professional, Scientific, and Technical Services

7270	Legal services	5411
7280	Accounting, tax preparation, bookkeeping, and payroll services	5412
7290	Architectural, engineering, and related services	5413
7370	Specialized design services	5414
7380	Computer systems design and related services	5415
7390	Management, scientific, and technical consulting services	5416
7460	Scientific research and development services	5417
7470	Advertising and related services	5418
7480	Veterinary services	54194
7490	Other professional, scientific, and technical services	5419 exc. 54194

Management, Administrative and Support, and Waste Management Services

Management of companies and enterprises

7570	Management of companies and enterprises	551

Administrative and support and waste management services

7580	Employment services	5613
7590	Business support services	5614
7670	Travel arrangements and reservation services	5615
7680	Investigation and security services	5616
7690	Services to buildings and dwellings	5617 exc. 56173
	(except cleaning during construction and immediately after construction)	7770
7770	Landscaping services	56173
7780	Other administrative and other support services	5611, 5612, 5619
7790	Waste management and remediation services	562

Educational, Health and Social Services

Educational Services

7860	Elementary and secondary schools	6111
7870	Colleges and universities, including junior colleges	6112, 6113
7880	Business, technical, and trade schools and training	6114, 6115
7890	Other schools, instruction, and educational services	6116, 6117

Health Care and Social Assistance

7970	Offices of physicians	6211
7980	Offices of dentists	6212
7990	Offices of chiropractors	62131
8070	Offices of optometrists	62132
8080	Offices of other health practitioners	6213 exc. 62131, 62132
8090	Outpatient care centers	6214
8170	Home health care services	6216
8180	Other health care services	6215, 6219
8191	General medical and surgical hospitals, and specialty (except psychiatric and substance abuse) hospitals	6221, 6223
8192	Psychiatric and substance abuse hospitals	6222
8270	Nursing care facilities	6231
8290	Residential care facilities, without nursing	6232, 6233, 6239
8370	Individual and family services	6241
8380	Community food and housing, and emergency services	6242
8390	Vocational rehabilitation services	6243
8470	Child day care services	6244

Arts, Entertainment, Recreation, Accommodation, and Food Services

Arts, Entertainment, and Recreation

8561	Performing arts companies	7111
8562	Spectator sports	7112
8563	Promoters of performing arts, sports, and similar events, agents and managers for artists, athletes	7113, 7114
8564	Independent artists, writers, and performers	7115
8570	Museums, art galleries, historical sites, and similar institutions	712
8580	Bowling centers	71395
8590	Other amusement, gambling, and recreation industries	713 exc. 71395

Accommodation and Food Service

8660	Traveler accommodation	7211
8670	Recreational vehicle parks and camps, and rooming and boardinghouses, dormitories, and workers' camps	7212, 7213
8680	Restaurants and other food services	722 exc. 7224
8690	Drinking places, alcoholic beverages	7224

Other Services (Except Public Administration)

8770	Automotive repair and maintenance	8111 exc. 811192
8780	Car washes	811192
8790	Electronic and precision equipment repair and maintenance	8112
8870	Commercial and industrial machinery and equipment repair and maintenance	8113
8891	Personal and household goods repair and maintenance	8114
8970	Barber shops	812111
8980	Beauty salons	812112
8990	Nail salons and other personal care services	812113, 81219
9070	Dry cleaning and laundry services	8123
9080	Funeral homes, cemeteries, and crematories	8122
9090	Other personal services	8129
9160	Religious organizations	8131
9170	Civic, social, advocacy organizations, and grant making and giving services	8132, 8133, 8134
9180	Labor unions	81393
9190	Business, professional, political, and similar organizations	8139 exc. 81393
9290	Private households	814

Public Administration

9370	Executive offices and legislative bodies	92111, 92112, 92114, pt. 92115
9380	Public finance activities	92113
9390	Other general government and support	92119
9470	Justice, public order, and safety activities	922, pt. 92115
9480	Administration of human resource programs	923
9490	Administration of environmental quality and housing programs	924, 925
9570	Administration of economic programs and space research	926, 927
9590	National security and international affairs	925

Armed Forces

9890	Armed Forces	9281

Detailed Industry Recodes
(01-52)

These codes correspond to Items PRDTIND1 and PRDTIND2 in positions 472-475 of the Basic CPS record layout in all months **except ASEC**. In **ASEC**, these codes correspond to item A_DTIND and are located in positions 244-245.

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture	0170 - 0180, 0290
2	Forestry, logging, fishing, hunting, and trapping	0190 - 0280
3	Mining	0370 - 0490
4	Construction	0770
5	Nonmetallic mineral products	2470 - 2590
6	Primary metals and fabricated metal products	2670 - 2990
7	Machinery manufacturing	3070 - 3291
8	Computer and electronic products	3365 - 3390
9	Electrical equipment, appliance manufacturing	3470, 3490
10	Transportation equipment manufacturing	3570 - 3690
11	Wood products	3770 - 3875
12	Furniture and fixtures manufacturing	3895
13	Miscellaneous and not specified manufacturing	3960 - 3990
14	Food manufacturing	1070 - 1290
15	Beverage and tobacco products	1370, 1390
16	Textile, apparel, and leather manufacturing	1470 - 1790
17	Paper and printing	1870 - 1990
18	Petroleum and coal products	2070, 2090
19	Chemical manufacturing	2170 - 2290
20	Plastics and rubber products	2370 - 2390
21	Wholesale trade	4070 - 4590
22	Retail trade	4670 - 5790
23	Transportation and warehousing	6070 - 6390
24	Utilities	0570 - 0690
25	Publishing industries (except internet)	6470 - 6490
26	Motion picture and sound recording industries	6570, 6590
27	Broadcasting (except internet)	6670
28	Internet publishing and broadcasting	6675
29	Telecommunications	6680, 6690
30	Internet service providers and data processing services	6692, 6695
31	Other information services	6770, 6780
32	Finance	6870 - 6970
33	Insurance	6990
34	Real estate	7070
35	Rental and leasing services	7080 - 7190
36	Professional and technical services	7270 - 7490
37	Management of companies and enterprises	7570

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

Major Industry Recodes
(01-14)

These codes correspond to Items PRMJIND1 and PRMJIND2 located in positions 482-485 of the Basic CPS record layout in all months **except ASEC**. In **ASEC**, these codes correspond to Item A_MJIND and are located in positions 212-213.

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

APPENDIX B

OCCUPATION CLASSIFICATION

(Beginning January 2020)

These categories are aggregated into 23 detailed groups and 11 major groups (see pages 14 and 15 of this appendix).The codes in the right hand column are the 2018 SOC equivalent.

These codes correspond to items PEIO1OCD and PEIO2OCD of the Basic CPS record layout in all months. In **ASEC**, these codes correspond to items PEIOOCC and OCCUP of the Person Record. These codes are also applicable for any other CPS supplements that collect occupation data.

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
Management, Business, Science, and Arts Occupations		
	Management Occupations	
0010	Chief executives	11-1011
0020	General and operations managers	11-1021
0040	Advertising and promotions managers	11-2011
0051	Marketing Managers	11-2021
0052	Sales managers	11-2022
0060	Public relations and fundraising managers	11-2030
0101	Administrative services managers	11-3012
0102	Facilities managers	11-3013
0110	Computer and information systems managers	11-3021
0120	Financial managers	11-3031
0135	Compensation and benefits managers	11-3111
0136	Human resources managers	11-3121
0137	Training and development managers	11-3131
0140	Industrial production managers	11-3051
0150	Purchasing managers	11-3061
0160	Transportation, storage, and distribution managers	11-3071
0205	Farmers, ranchers, and other agricultural managers	11-9013
0220	Construction managers	11-9021
0230	Education and childcare administrators	11-9030
0300	Engineering managers	11-9041
0310	Food service managers	11-9051
0335	Entertainment and recreation managers	11-9070
0340	Lodging managers	11-9081
0350	Medical and health services managers	11-9111
0360	Natural sciences managers	11-9121
0410	Property, real estate, and community association managers	11-9141
0420	Social and community service managers	11-9151
0425	Emergency management directors	11-9161

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
0440	Managers, all other	11-9199
0430	Managers, all other	11-9161

Business and Financial Operations Occupations

0500	Agents and business managers of artists, performers, and athletes	13-1011
0510	Purchasing agents and buyers, farm products	13-1021
0520	Wholesale and retail buyers, except farm products	13-1022
0530	Purchasing agents, except wholesale, retail, and farm products	13-1023
0540	Claims adjusters, appraisers, examiners, and investigators	13-1030
0565	Compliance officers	13-1041
0600	Cost estimators	13-1051
0630	Human resource workers	13-1070
0640	Compensation, benefits, and job analysis specialists	13-1141
0650	Training and development specialists	13-1151
0700	Logisticians	13-1081
0705	Project management specialists	13-1082
0710	Management analysts	13-1111
0725	Meeting, convention, and event planners	13-1121
0726	Fundraisers	13-1131
0735	Market research analysts and marketing specialists	13-1161
0750	Business operations specialists, all other	13-1199
0800	Accountants and auditors	13-2011
0810	Property appraisers and assessors	13-2020
0820	Budget analysts	13-2031
0830	Credit analysts	13-2041
0845	Financial and investment analysts	13-2051
0850	Personal financial advisors	13-2052
0860	Insurance underwriters	13-2053
0900	Financial examiners	13-2061
0910	Loan counselors and officers	13-2070
0930	Tax examiners, collectors, and revenue agents	13-2081
0940	Tax preparers	13-2082
0960	Other financial specialists	13-2099

Computer, Engineering, and Science Occupations

Computer and Mathematical Occupations

1005	Computer and information research scientists	15-1221
1006	Computer systems analysts	15-1211
1007	Information security analysts	15-1212
1010	Computer programmers	15-1251
1021	Software developers	15-1252
1022	Software quality assurance analysts and testers	15-1253
1031	Web developers	15-1254
1032	Web or digital interface designers	15-1255
1050	Computer support specialists	15-1230
1065	Database administrators and architects	15-124X

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
1105	Network and computer systems administrators	15-1244
1106	Computer network architects	15-1241
1108	Computer occupations, all other	15-1199
1200	Actuaries	15-2011
1220	Operations research analysts	15-2031
1240	Other mathematical science occupations	15-20XX
	Architecture and Engineering Occupations	
1300	Architects, except landscape and naval	17-1011
1306	Landscape architects	17-1012
1310	Surveyors, cartographers, and photogrammetrists	17-1020
1320	Aerospace engineers	17-2011
1340	Agricultural and biomedical engineers	17-20XX
1350	Chemical engineers	17-2041
1360	Civil engineers	17-2051
1400	Computer hardware engineers	17-2061
1410	Electrical and electronic engineers	17-2070
1420	Environmental engineers	17-2081
1430	Industrial engineers, including health and safety	17-2110
1440	Marine engineers and naval architects	17-2121
1450	Materials engineers	17-2131
1460	Mechanical engineers	17-2141
1500	Mining and geological engineers, including mining safety engineers	17-2151
1520	Petroleum engineers	17-2171
1530	Engineers, all other	17-2199
1541	Architectural and civil drafters	17-3011
1545	Other drafters	17-301X
1551	Electrical and electronic engineering technologists and technicians	17-3023
1555	Other engineering technologists and technicians, except drafters	17-302X
1560	Surveying and mapping technicians	17-3031
	Life, Physical, and Social Science Occupations	
1600	Agricultural and food scientists	19-1010
1610	Biological scientists	19-1020
1640	Conservation scientists and foresters	19-1030
1650	Medical scientists and life scientists, all other	19-10XX
1700	Astronomers and physicists	19-2010
1710	Atmospheric and space scientists	19-2021
1720	Chemists and materials scientists	19-2030
1740	Environmental scientists and geoscientists	19-2040
1760	Physical scientists, all other	19-2099
1800	Economists	19-3011
1820	Psychologists	19-3030
1840	Urban and regional planners	19-3051
1860	Miscellaneous social scientists, including survey researchers and sociologists	19-30XX
1900	Agricultural and food science technicians	19-4010
1910	Biological technicians	19-4021

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
1920	Chemical technicians	19-4031
1935	Geoscience and environmental science technicians	19-4040
1970	Other life, physical, and social science technicians	19-40XX
1980	Occupational health and safety specialists and technicians	19-5010

Education, Legal, Community Service, Arts, and Media Occupations

Community and Social Services Occupations

2001	Substance abuse and behavioral disorder counselors	21-1011
2002	Educational, guidance, and career counselors and advisors	21-1012
2003	Marriage and family therapists	21-1013
2004	Mental health counselors	21-1014
2005	Rehabilitation counselors	21-1015
2006	Counselors, all other	21-1019
2011	Child, family, and school social workers	21-1021
2012	Healthcare social workers	21-1022
2013	Mental health and substance abuse social workers	21-1023
2014	Social workers, all other	21-1029
2015	Probation officers and correctional treatment specialists	21-1092
2016	Social and human service assistants	21-1093
2025	Other community and social service specialists	21-109X
2040	Clergy	21-2011
2050	Directors, religious activities and education	21-2021
2060	Religious workers, all other	21-2099

Legal Occupations

2100	Lawyers	23-1011
2105	Judicial law clerks	23-1012
2145	Paralegals and legal assistants	23-2011
2170	Title examiners, abstractors, and searchers	23-2093
2180	Legal support workers, all other	23-2099

Education Instruction and Library Occupations

2205	Postsecondary teachers	25-1000
2300	Preschool and kindergarten teachers	25-2010
2310	Elementary and middle school teachers	25-2020
2320	Secondary school teachers	25-2030
2330	Special education teachers	25-2050
2340	Tutors	25-3041
2360	Other teachers and instructors	25-30XX
2400	Archivists, curators, and museum technicians	25-4010
2435	Librarians and media collections specialists	25-4022
2440	Library technicians	25-4031
2545	Teacher assistants	25-9040
2555	Other educational instruction and library workers	25-90XX

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
	Arts, Design, Entertainment, Sports, and Media Occupations	
2600	Artists and related workers	27-1010
2631	Commercial and industrial designers	27-1021
2632	Fashion designers	27-1022
2633	Floral designers	27-1023
2634	Graphic designers	27-1024
2635	Interior designers	27-1025
2636	Merchandise displayers and window trimmers	27-1026
2640	Other designers	27-10XX
2700	Actors	27-2011
2710	Producers and directors	27-2012
2721	Athletes and sports competitors	27-2021
2722	Coaches and scouts	27-2022
2723	Umpires, referees, and other sports officials	27-2023
2740	Dancers and choreographers	27-2030
2751	Music directors and composers	27-2041
2752	Musicians and singers	27-2042
2755	Disc jockeys, except radio disc jockeys	27-2091
2770	Entertainers and performers, sports and related workers, all other	27-2099
2805	Broadcast announcers and radio disc jockeys	27-3011
2810	News analysts, reporters, and journalists	27-3023
2825	Public relations specialists	27-3031
2830	Editors	27-3041
2840	Technical writers	27-3042
2850	Writers and authors	27-3043
2861	Interpreters and translators	27-3091
2862	Court reporters and simultaneous captioners	27-3092
2865	Media and communication workers, all other	27-3099
2905	Broadcast, sound, and lighting technicians	27-4010
2910	Photographers	27-4021
2920	Television, video, and film camera operators and editors	27-4030
2970	Media and communication equipment workers, all other	27-4099
	Healthcare Practitioners and Technical Occupations	
3000	Chiropractors	29-1011
3010	Dentists	29-1020
3030	Dietitians and nutritionists	29-1031
3040	Optometrists	29-1041
3050	Pharmacists	29-1051
3090	Other physicians	29-12XX
3100	Surgeons	29-1240
3110	Physician assistants	29-1071
3140	Audiologists	29-1181
3150	Occupational therapists	29-1122
3160	Physical therapists	29-1123
3200	Radiation therapists	29-1124
3210	Recreational therapists	29-1125

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
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 practitioners	29-1171
3261	Acupuncturists	29-1291
3270	Healthcare diagnosing or treating practitioners, all other	29-1299
3300	Clinical laboratory technologists and technicians	29-2010
3310	Dental hygienists	29-1292
3321	Cardiovascular technologists and technicians	29-2031
3322	Diagnostic medical sonographers	29-2032
3323	Radiologic technologists and technicians	29-2034
3324	Magnetic resonance imaging technologists	29-2035
3330	Nuclear medicine technologists and medical dosimetrists	29-203X
3401	Emergency medical technicians	29-2042
3402	Paramedics	29-2043
3421	Pharmacy technicians	29-2052
3422	Psychiatric technicians	29-2053
3423	Surgical technologists	29-2055
3424	Veterinary technologists and technicians	29-2058
3430	Dietetic technicians and ophthalmic medical technicians	29-205X
3500	Licensed practical and licensed vocational nurses	29-2061
3515	Medical records specialists	29-2072
3520	Opticians, dispensing	29-2081
3545	Miscellaneous health technologists and technicians	29-2090
3550	Other healthcare practitioners and technical occupations	29-9000

Service Occupations

Healthcare Support Occupations

3601	Home health aides	31-1121
3602	Personal care aides	31-1122
3603	Nursing assistants	31-1131
3605	Orderlies and psychiatric aides	31-113X
3610	Occupational therapist assistants and aides	31-2010
3620	Physical therapist assistants and aides	31-2020
3630	Massage therapists	31-9011
3640	Dental assistants	31-9091
3645	Medical assistants	31-9092
3646	Medical transcriptionists	31-9094
3647	Pharmacy aides	31-9095
3648	Veterinary assistants and laboratory animal caretakers	31-9096
3649	Phlebotomists	31-9097
3655	Other healthcare support workers	31-909X

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
	Protective Service Occupations	
3700	First-line supervisors of correctional officers	33-1011
3710	First-line supervisors of police and detectives	33-1012
3720	First-line supervisors of firefighting and prevention workers	33-1021
3725	First-line supervisors of security workers	33-1091
3735	First-line supervisors of protective service workers, all other	33-1099
3740	Firefighters	33-2011
3750	Fire inspectors	33-2020
3801	Bailiffs	33-3011
3802	Correctional officers and jailers	33-3012
3820	Detectives and criminal investigators	33-3021
3840	Parking enforcement workers	33-3041
3870	Police officers	33-3050
3900	Animal control workers	33-9011
3910	Private detectives and investigators	33-9021
3930	Security guards and gaming surveillance officers	33-9030
3940	Crossing guards and flaggers	33-9091
3945	Transportation security screeners	33-9093
3946	School bus monitors	33-9094
3960	Other protective service workers	33-909X
	Food Preparation and Serving Related Occupations	
4000	Chefs and head cooks	35-1011
4010	First-line supervisors of food preparation and serving workers	35-1012
4020	Cooks	35-2010
4030	Food preparation workers	35-2021
4040	Bartenders	35-3011
4055	Fast food and counter workers	35-3023
4110	Waiters and waitresses	35-3031
4120	Food servers, non-restaurant	35-3041
4130	Dining room and cafeteria attendants and bartender helpers	35-9011
4140	Dishwashers	35-9021
4150	Hosts and hostesses, restaurant, lounge, and coffee shop	35-9031
4160	Food preparation and serving related workers, all other	35-9099
	Building and Grounds Cleaning and Maintenance Occupations	
4200	First-line supervisors of housekeeping and janitorial workers	37-1011
4210	First-line supervisors of landscaping, lawn service, and grounds keeping workers	37-1012
4220	Janitors and building cleaners	31-201X
4230	Maids and housekeeping cleaners	37-2012
4240	Pest control workers	37-2021
4251	Landscaping and grounds keeping workers	37-3011
4252	Tree trimmers and pruners	37-3013
4255	Other grounds maintenance workers	37-301X

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
	Personal Care and Service Occupations	
4330	Supervisors of personal care and service workers	39-1010
4340	Animal trainers	39-2011
4350	Animal caretakers	39-2021
4400	Gaming services workers	39-3010
4420	Ushers, lobby attendants, and ticket takers	39-3031
4435	Other entertainment attendants and related workers	39-30XX
4461	Embalmers, crematory operators and funeral attendants	39-40XX
4465	Morticians, undertakers, and funeral arrangers	39-4031
4500	Barbers	39-5011
4510	Hairdressers, hairstylists, and cosmetologists	39-5012
4521	Manicurists and pedicurists	39-5092
4522	Skincare specialists	39-5094
4523	Other personal appearance workers	39-509X
4530	Baggage porters, bellhops, and concierges	39-6010
4540	Tour and travel guides	39-7010
4600	Child care workers	39-9011
4610	Personal and home care aides	39-9021
4621	Exercise trainers and group fitness instructors	39-9031
4622	Recreation workers	39-9032
4640	Residential advisors	39-9041
4655	Personal care and service workers, all other	39-9099
Sales and Office Occupations		
	Sales and Related Occupations	
4700	First-line supervisors/managers of retail sales workers	41-1011
4710	First-line supervisors/managers of non-retail sales workers	41-1012
4720	Cashiers	41-2010
4740	Counter and rental clerks	41-2021
4750	Parts salespersons	41-2022
4760	Retail salespersons	41-2031
4800	Advertising sales agents	41-3011
4810	Insurance sales agents	41-3021
4820	Securities, commodities, and financial services sales agents	41-3031
4830	Travel agents	41-3041
4840	Sales representatives of services, except advertising, insurance, travel, and financial services	41-3099
4850	Sales representatives, wholesale and manufacturing	41-4010
4900	Models, demonstrators, and product promoters	41-9010
4920	Real estate brokers and sales agents	41-9020
4930	Sales engineers	41-9031
4940	Telemarketers	41-9041
4950	Door-to-door sales workers, news and street vendors, and related workers	41-9091
4965	Sales and related workers, all other	41-9099
	Office and Administrative Support Occupations	
5000	First-Line supervisors of office and administrative support workers	43-1011

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
5010	Switchboard operators, including answering service	43-2011
5020	Telephone operators	43-2021
5040	Communications equipment operators, all other	43-2099
5100	Bill and account collectors	43-3011
5110	Billing and posting clerks and machine operators	43-3021
5130	Gaming cage workers	43-3041
5140	Payroll and timekeeping clerks	43-3051
5150	Procurement clerks	43-3061
5160	Tellers	43-3071
5165	Financial clerks, all other	43-3099
5220	Court, municipal, and license clerks	43-4031
5230	Credit authorizers, checkers, and clerks	43-4041
5240	Customer service representatives	43-4051
5250	Eligibility interviewers, government programs	43-4061
5260	File Clerks	43-4071
5300	Hotel, motel, and resort desk clerks	43-4081
5310	Interviewers, except eligibility and loan	43-4111
5320	Library assistants, clerical	43-4121
5330	Loan interviewers and clerks	43-4131
5340	New accounts clerks	43-4141
5350	Order clerks	43-4151
5360	Human resources assistants, except payroll and timekeeping	43-4161
5400	Receptionists and information clerks	43-4171
5410	Reservation and transportation ticket agents and travel clerks	43-4181
5420	Information and record clerks, all other	43-4199
5500	Cargo and freight agents	43-5011
5510	Couriers and messengers	43-5021
5521	Public safety telecommunicators	43-5031
5522	Dispatchers, except police, fire, and ambulance	43-5032
5530	Meter readers, utilities	43-5041
5540	Postal service clerks	43-5051
5550	Postal service mail carriers	43-5052
5560	Postal service mail sorters, processors, and processing machine operators	43-5053
5600	Production, planning, and expediting clerks	43-5061
5610	Shipping, receiving, and inventory clerks	43-5071
5630	Weighers, measurers, checkers, and samplers, recordkeeping	43-5111
5710	Executive secretaries and executive administrative assistants	43-6011
5720	Legal secretaries and administrative assistants	43-6012
5730	Medical secretaries and administrative assistants	43-6013
5740	Secretaries and administrative assistants, except legal, medical, and executive	43-6014
5800	Computer operators	43-9011
5810	Data entry keyers	43-9021
5820	Word processors and typists	43-9022
5840	Insurance claims and policy processing clerks	43-9041
5850	Mail clerks and mail machine operators, except postal service	43-9051
5860	Office clerks, general	43-9061
5900	Office machine operators, except computer	43-9071
5910	Proofreaders and copy markers	43-9081
5920	Statistical assistants	43-9111

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
5940	Office and administrative support workers, including desktop publishers	43-9199

Natural Resources, Construction, and Maintenance Occupations

Farming, Fishing, and Forestry Occupations

6005	First-line supervisors of farming, fishing, and forestry workers	45-1011
6010	Agricultural inspectors	45-2011
6020	Animal breeders	45-2021
6040	Graders and sorters, agricultural products	45-2041
6050	Miscellaneous agricultural workers	45-2090
6115	Fishing and hunting workers	45-3031
6120	Forest and conservation workers	45-4011
6130	Logging workers	45-4020

Construction Trades

6200	First-line supervisors/managers of construction trades and extraction workers	47-1011
6210	Boilermakers	47-2011
6220	Brickmasons, blockmasons, and stonemasons	47-2020
6230	Carpenters	47-2031
6240	Carpet, floor, and tile installers and finishers	47-2040
6250	Cement masons, concrete finishers, and terrazzo workers	47-2050
6260	Construction laborers	47-2061
6305	Construction equipment operators	47-2070
6330	Drywall installers, ceiling tile installers, and tapers	47-2080
6355	Electricians	47-2111
6360	Glaziers	47-2121
6400	Insulation workers	47-2130
6410	Painters and paperhangers	47-2140
6441	Pipelayers	47-2151
6442	Plumbers, pipefitters, and steamfitters	47-2152
6460	Plasterers and stucco masons	47-2161
6500	Reinforcing iron and rebar workers	47-2171
6515	Roofers	47-2181
6520	Sheet metal workers	47-2211
6530	Structural iron and steel workers	47-2221
6600	Helpers, construction trades	47-3010
6660	Construction and building inspectors	47-4011
6700	Elevator installers and repairers	47-4021
6710	Fence erectors	47-4031
6720	Hazardous materials removal workers	47-4041
6730	Highway maintenance workers	47-4051
6740	Rail-track laying and maintenance equipment operators	47-4061
6765	Miscellaneous construction and related workers, including photovoltaic installers	47-4090
6800	Derrick, rotary drill, and service unit operators, oil and gas	47-5010
6825	Earth drillers, except oil and gas	47-5023
6835	Explosives workers, ordnance handling experts, and blasters	47-5032
6850	Underground mining machine operators	47-5040
6950	Other extraction workers	47-50XX

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
	Installation, Maintenance, and Repair Workers	
7000	First-line supervisors of mechanics, installers, and repairers	49-1011
7010	Computer, automated teller, and office machine repairers	49-2011
7020	Radio and telecommunications equipment installers and repairers	49-2020
7030	Avionics technicians	49-2091
7040	Electric motor, power tool, and related repairers	49-2092
7100	Electrical and electronics repairers, industrial and utility	49-209X
7120	Electronic home entertainment equipment installers and repairers	49-2097
7130	Security and fire alarm systems installers	49-2098
7140	Aircraft mechanics and service technicians	49-3011
7150	Automotive body and related repairers	49-3021
7160	Automotive glass installers and repairers	49-3022
7200	Automotive service technicians and mechanics	49-3023
7210	Bus and truck mechanics and diesel engine specialists	49-3031
7220	Heavy vehicle and mobile equipment service technicians and mechanics	49-3040
7240	Small engine mechanics	49-3050
7260	Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	49-3090
7300	Control and valve installers and repairers	49-9010
7315	Heating, air conditioning, and refrigeration mechanics and installers	49-9021
7320	Home appliance repairers	49-9031
7330	Industrial and refractory machinery mechanics	49-904X
7340	Maintenance and repair workers, general	49-9071
7350	Maintenance workers, machinery	49-9043
7360	Millwrights	49-9044
7410	Electrical power-line installers and repairers	49-9051
7420	Telecommunications line installers and repairers	49-9052
7430	Precision instrument and equipment repairers	49-9060
7510	Coin, vending, and amusement machine servicers and repairers	49-9091
7540	Locksmiths and safe repairers	49-9094
7560	Riggers	49-9096
7610	Helpers--installation, maintenance, and repair workers	49-9098
7640	Other installation, maintenance, and repair workers	49-909X
	Production, Transportation, and Material Moving Occupations	
	Production Occupations	
7700	First-line supervisors of production and operating workers	51-1011
7720	Electrical, electronics, and electromechanical assemblers	51-2020
7730	Engine and other machine assemblers	51-2031
7740	Structural metal fabricators and fitters	51-2041
7750	Other assemblers and fabricators	51-20XX
7800	Bakers	51-3011
7810	Butchers and other meat, poultry, and fish processing workers	51-3020
7830	Food and tobacco roasting, baking, and drying machine operators and tenders	51-3091
7840	Food batchmakers	51-3092
7850	Food cooking machine operators and tenders	51-3093
7855	Food processing workers, all other	51-3099

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
7905	Computer numerically controlled tool programmers and operators	51-9160
7925	Forming machine setters, operators, and tenders, metal and plastic	51-4020
7950	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	51-4031
8000	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	51-4033
8025	Other machine tool setters, operators, and tenders, metal and plastic	51-403X
8030	Machinists	51-4041
8040	Metal furnace and kiln operators and tenders	51-4050
8060	Model makers and patternmakers, metal and plastic	51-4060
8100	Molders and molding machine setters, operators, and tenders, metal and plastic	51-4070
8130	Tool and die makers	51-4111
8140	Welding, soldering, and brazing workers	51-4120
8225	Other metal workers and plastic workers	51-4XXX
8250	Prepress technicians and workers	51-5111
8255	Printing press operators	51-5112
8256	Print binding and finishing workers	51-5113
8300	Laundry and dry-cleaning workers	51-6011
8310	Pressers, textile, garment, and related materials	51-6021
8320	Sewing machine operators	51-6031
8335	Shoe and leather workers	51-6040
8350	Tailors, dressmakers, and sewers	51-6050
8365	Textile machine setters, operators, and tenders	51-6060
8450	Upholsterers	51-6093
8465	Other textile, apparel, and furnishings workers	51-609X
8500	Cabinetmakers and bench carpenters	51-7011
8510	Furniture finishers	51-7021
8530	Sawing machine setters, operators, and tenders, wood	51-7041
8540	Woodworking machine setters, operators, and tenders, except sawing	51-7042
8555	Other woodworkers	51-70XX
8600	Power plant operators, distributors, and dispatchers	51-8010
8610	Stationary engineers and boiler operators	51-8021
8620	Water and liquid waste treatment plant and system operators	51-8031
8630	Miscellaneous plant and system operators	51-8090
8640	Chemical processing machine setters, operators, and tenders	51-9010
8650	Crushing, grinding, polishing, mixing, and blending workers	51-9020
8710	Cutting workers	51-9030
8720	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	51-9041
8730	Furnace, kiln, oven, drier, and kettle operators and tenders	51-9051
8740	Inspectors, testers, sorters, samplers, and weighers	51-9061
8750	Jewelers and precious stone and metal workers	51-9071
8760	Dental and ophthalmic laboratory technicians and medical appliance technicians	51-9080
8800	Packaging and filling machine operators and tenders	51-9111
8810	Painting workers	51-9120
8830	Photographic process workers and processing machine operators	51-9130
8850	Adhesive bonding machine operators and tenders	51-9191
8865	Other production equipment operators and tenders	51-919X
8910	Etchers and engravers	51-9194
8920	Molders, shapers, and casters, except metal and plastic	51-9195
8930	Paper goods machine setters, operators, and tenders	51-9196
8940	Tire builders	51-9197

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
8950	Helpers--production workers	51-9198
8990	Other production workers	51-91XX

Transportation and Material Moving Occupations

Transportation Occupations

9005	Supervisors of transportation and material moving workers	53-1000
9030	Aircraft pilots and flight engineers	53-2010
9040	Air traffic controllers and airfield operations specialists	53-2020
9110	Ambulance drivers and attendants, except emergency medical technicians	53-3011
9121	Bus drivers, school	53-3051
9122	Bus drivers, transit and intercity	53-3052
9130	Driver/sales workers and truck drivers	53-3030
9141	Shuttle drivers and chauffeurs	53-3053
9142	Taxi drivers	53-3054
9150	Motor vehicle operators, all other	53-3099
9210	Locomotive engineers and operators	53-4010
9240	Railroad conductors and yardmasters	53-4031
9265	Other rail transportation workers	53-30XX
9300	Sailors and marine oilers	53-5011
9310	Ship and boat captains and operators	53-5020
9350	Parking attendants	53-6021
9365	Transportation service attendants	53-6030
9410	Transportation inspectors	53-6051
9415	Passenger attendants	53-6061
9430	Other transportation workers	53-60XX

Material Moving Occupations

9510	Crane and tower operators	53-7021
9570	Conveyor, dredge, and hoist and winch operators	53-70XX
9600	Industrial truck and tractor operators	53-7051
9610	Cleaners of vehicles and equipment	53-7061
9620	Laborers and freight, stock, and material movers, hand	53-7062
9630	Machine feeders and offbearers	53-7063
9640	Packers and packagers, hand	53-7064
9645	Stockers and order fillers	53-7065
9650	Pumping station operators	53-7070
9720	Refuse and recyclable material collectors	53-7081
9760	Other material moving workers	53-71XX

Military Specific Occupations

9840	Military Occupations	55-0000

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	0010-0440
2	Business and financial operations occupations	0500-0960
3	Computer and mathematical science occupations	1005-1240
4	Architecture and engineering occupations	1305-1560
5	Life, physical, and social science occupations	1600-1980
6	Community and social service occupation	2001-2060
7	Legal occupations	2100-2180
8	Education, training, and library occupations	2205-2550
9	Arts, design, entertainment, sports, and media occupations	2600-2970
10	Healthcare practitioner and technical occupations	3000-3550
11	Healthcare support occupations	3600-3655
12	Protective service occupations	3700-3960
13	Food preparation and serving related occupations	4000-4160
14	Building and grounds cleaning and maintenance occupations	4200-4255
15	Personal care and service occupations	4300-4655
16	Sales and related occupations	4700-4965
17	Office and administrative support occupations	5000-5940
18	Farming, fishing, and forestry occupations	6005-6130
19	Construction and extraction occupations	6200-6950
20	Installation, maintenance, and repair occupations	7000-7640
21	Production occupations	7700-8990
22	Transportation and material moving occupations	9005-9760
23	Armed Forces	9840

Major Occupation Group Recodes
(01-11)

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

CODE CODE	CODE DESCRIPTION	OCCUPATION
1	Management, business, and financial occupations	0010-0960
2	Professional and related occupations	1005-3550
3	Service occupations	3601-4655
4	Sales and related occupations	4700-4965
5	Office and administrative support occupations	5000-5940
6	Farming, fishing, and forestry occupations	6005-6130
7	Construction and extraction occupations	6200-6950
8	Installation, maintenance, and repair occupations	7000-7640
9	Production occupations	7700-8990
10	Transportation and material moving occupations	9005-9760
11	Armed Forces	9840

APPENDIX C

Weighted and Unweighted Counts

Category	Weighted	Unweighted
Total Persons	325268	157959
Total Family Reference Persons	88810	44037
Total Units	128588	91500
Interviewed Units (HHds * GQ)	128588	60460
Households (Family and NonFamily Householders)	128451	60413
Total Family Records in Households	149292	69905
Total Families (HHldr, Related, and Unrelated)	88781	44025
Family Householders With No Related Subfamilies	79428	39351
Family Householders With 1+ Related Subfamilies	4249	2177
Unrelated Subfamily	399	219
Related Subfamily	4705	2278
Total Unrelated Individuals	60511	25880
Nonfamily Householder	44774	18885
Other Persons Living With No Relatives	15737	6995
Total Person in Households	325058	157880
Civilians 15 Years and Older	263718	124196
Civilians Less Than 15 Years Old	60363	33138
Armed Forces Members	978	546
Group Quarters	137	47
Total Family Records In Group Quarters	150	54
Total Persons	210	79
Civilians 15 Years and Older	174	64
Civilians Less Than 15 Years Old	36	15
Armed Forces Members	0	0
Noninterviewed Units	0	31040
Type A	0	18981
Type B/C	0	12059

APPENDIX D

FACSIMILE OF 2020 ANNUAL SOCIAL AND ECONOMIC (ASEC)
SUPPLEMENT QUESTIONNAIRE

2020 ANNUAL SOCIAL AND ECONOMIC SUPPLEMENT
CPS FIELD REPRESENTATIVE / CATI INTERVIEWER

ITEMS BOOKLET

This document does not contain any Title 13 data or other Personally Identifiable Information. All data are fictitious and any resemblance to actual data is coincidental. Consistent with Field Division Policy, any names referenced in practice interviews or other exercises are not meant to refer to any actual businesses, schools, group quarters, or persons, especially any current or former Census Bureau employees.

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1 BASIC CPS ITEMS

1.1 MOVER ITEMS

HH32b

Did (you/name of reference person) live at this address during the week of November 19, 2019?

1 Yes
2 No

HH32d

Did any of the following household members live here during the week of November 19, 2019?

1 Yes
2 No

1.2 FAMILY INCOME

S_FAMINC

Which category represents the total combined income of all members of this FAMILY during the past 12 months?

This includes money from jobs, net income from business, farm or rent, pensions, dividends, interest, social security payments and any other money income received by members of this family who are 15 years of age or older?

1	Less than $5,000	9	30,000 to 34,999
2	5,000 to 7,499	10	35,000 to 39,999
3	7,500 to 9,999	11	40,000 to 49,999
4	10,000 to 12,499	12	50,000 to 59,999
5	12,500 to 14,999	13	60,000 to 74,999
6	15,000 to 19,999	14	75,000 to 99,999
7	20,000 to 24,999	15	100,000 to 149,000
8	25,000 to 29,999	16	150,000 to more

1.3 INCDKR

Is the combined income of all members of this FAMILY during the past 12 months above or below $75,000?

1 Above
2 Below

2 INTRODUCTION and WORK EXPERIENCE

Pr_incom

?[F1] Importance of responding

- Wording of introduction is optional.

The questions you just answered were about your job and economic status last week. The next set of questions ask about your job and economic status last year.

1 Enter 1 to Continue

Q29a

Did (name/you) work at a job or business at any time during 2019?

1 Yes
2 No

Q29b

Did (you/he/she) do any temporary, part-time, or seasonal work even for a few days during 2019?

- Include any Military Reserves or National Guard work.

1 Yes
2 No

Q30

Even though (name/you) did not work in 2019, did (you/he/she) spend any time trying to find a job or on layoff?

1 Yes
2 No

Q31

How many different weeks (was/were) (name/you) looking for work or on layoff from a job?

- (01-52) Number of weeks

_____

Q32

What was the main reason (you/he/she) did not work in 2019?

- Read categories if necessary

1 Ill, or disabled and unable to work
2 Retired
3 Taking care of home or family
4 Going to school
5 Could not find work
6 Doing something else

Q33

During 2019 in how many weeks did (name/you) work even for a few hours? Include paid vacation and sick leave as work.

- (01-52) Number of weeks
- Enter 97 if respondent can only answer in months

_____

Q33mon

- Enter number of months worked
(1-12)

_____

Q33ver

Then (name/you) worked about (number) weeks. Is that correct?

1 Yes
2 No – back to Q33 and obtain estimate

Q35

Did (name/you) lose any full weeks of work in 2019 because (you/he/she) (were/was) on layoff from a job or lost a job?

- Number of weeks worked in 2019: (number)

1 Yes
2 No
7 Mistake made in number of weeks worked last year - Specify in Q35SP

Q35SP

- Specify mistake made in number of weeks worked last year

_____

Q36

You said (name/you) worked about (number) (week/weeks).
How many OF THE REMAINING (number) WEEKS (was/were) (you/he/she) looking for work or on layoff from a job?

- Enter 0 for none

_____

Q37

Were the (number) weeks (name/you) (was/were) looking for work or on layoff all in one stretch?

1 Yes – one stretch
2 No – two stretches
3 No – 3 or more stretches

Q38

What was the main reason (name/you) (was/were) not working or looking for work in the remaining weeks of 2019?

- Read list only if respondent is having difficulty answering the question

1 Ill, or disabled and unable to work
2 Taking care of home or family
3 Going to school
4 Retired
5 No work available
6 Other (Specify - Q38sp)

Q38sp

- Enter verbatim response

_____

Q39

For how many employers did (name/you) work in 2019?
If more than one at the same time, only count it as one employer.

1 One
2 Two
3 Three or more

Q41

In the (one week/weeks) that (name/you) worked, how many hours did (you/he/she) (work that week?/usually work per week?)

- Enter number of hours

_____

Q43

During 2019, were there one or more weeks in which (name/you) worked less than 35 hours?

Exclude time off with pay because of holidays, vacation, days off, or sickness.

1 Yes
2 No

Q44

In the weeks that (name/you) worked, how many weeks did (name/you) work less than 35 hours in 2019?

- Number of weeks worked in 2019: (number)
  (Number of weeks was reported in item Q33)

  (1-52)

_____

Q45

What was the main reason (name/you) worked less than 35 hours per week?

- Read list only if respondent is having difficulty answering the question

1 Could not find a full time job
2 Wanted to work part time or only able to work part time
3 Slack work or material shortage
4 Other reason

Q46

What was (name's/your) longest job during 2019?

Was it:

(IO1NAM:) (name of employer)
(IO1IND:) (kind of business or industry)
(IO1OCC:) (occupation)
(IO1DT:) (duties)

• CLASS OF WORKER: (PRIVATE/ FEDERAL GOVERNMENT/ STATE GOVERNMENT/ LOCAL GOVERNMENT/WORKING WITHOUT PAY IN FAMILY BUS./ SELF EMPLOYED--INCORPORATED/ SELF EMPLOYED--UNINCORPORATED)

1 Same as listed
2 Different job

Q47a

For whom did (name/you) work (?/at) (blank/(your/his/her) (blank/longest job during 2019?))

• Name of Company, business, organization or other employer

(blank/•IO1NAM:) (entry)
The current employer is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/•If longest job last year is military job, enter Armed Forces)

(blank/• Enter N for no work done at all during 2019)

_____

Q47b

What kind of business or industry is this?
For example: TV and radio manufacturing, retail shoe store, farm

(blank/•IO1IND:) (entry)
The current business or industry type is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/✦If longest job last year is military job, enter NA)

Q47b1

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

(blank/✦IO1MFG:) (entry)
The current business or organization type is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/✦If longest job last year is military job, enter 4)

1 Manufacturing
2 Retail trade
3 Wholesale trade
4 Something else

Q47c

What kind of work (was/were) (you/he/she) doing?
For example: Electrical Engineer, Stock Clerk, Typist

(blank/✦IO1OCC:) (entry)
The current occupation is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/✦If longest job last year is military job, enter Armed Forces)

Q47d1

What were (your/his/her) most important activities or duties?
For example: Types, keeps account books, files, sells cars, operates printing press, finishes concrete.

(blank/✦IO1DT:) (entry)
The current job description is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/✦If longest job last year is military job, enter NA)

Q47d2

What were (your/his/her) most important activities or duties?
For example: Types, keeps account books, files, sells cars, operates printing press, finishes concrete.
(blank/✦IO1DT:) (entry)
The current job description is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/✦If longest job last year is military job, enter NA)

_____

Q47E1

✦ Ask Only If Necessary

(Were/Was) (you/he/she) employed by government, by a PRIVATE company, a nonprofit organization, or (was/were) (you/he/she) self-employed or working in a family business?

1 Government
2 Private for profit company
3 Non profit organization including tax exempt and charitable organizations
4 Self employed
5 Working in family business

Q47E1a

Would that be the federal, state, or local government?

1 Federal
2 State
3 Local (county, city, township)

Q47E1b

Was this business incorporated?

1 Yes
2 No

Q47E1c

(Were/Was) (you/name) the owner of the business?

1 Yes
2 No

Q4788

Counting all locations where (this employer/(name/you)) (operates/operate), what is the total number of persons who work for ((name's/your) employer)/name/you))?

- Read categories if necessary

1 under 10
2 10-49
3 50-99
4 100-499
5 500-999
6 1,000+

3 EARNED INCOME

The Earnings and Income question series include range follow-up questions presented anytime a respondent doesn't know or refuses to provide an exact dollar amount for a source they (or someone in the household) indicates as having received. Follow-up questions allow respondents that do not feel comfortable giving exact dollar values to report an income range. There are three sets of categories used for the income range follow-up questions: high-range, mid-range, and low-range. The income range used in the follow-up range questions depends on the source of the income. See Attachment A to this items booklet for the three levels of income range follow up questions. See Attachment B for a table that displays the income source and the range level used for the follow-up questions.

Q48aa

How much did (name/you) earn from this employer before taxes and other deductions during 2019?

- Enter dollar amount
- Enter 0 for none

_____

Q48aarn1 **Ask only if the respondent "Doesn't know" or 'Refused" Q48aa**

Could you tell me if (name/you) earned

less than $45,000
between $45,000 and $60,000
or over $60,000

for the TOTAL yearly amount from this employer before taxes and other

deductions during 2019?

1 Less than $45,000
2 Between $45,000 and $60,000
3 Over $60,000

Q48aarn2

Did (name/you) earn

less than $15,000
between $15,000 and $30,000
or over $30,000

from this employer during 2019?

1 Less than $15,000
2 Between $15,000 and $30,000
3 Over $30,000

Q48aap

- Read if necessary

Is this a weekly, every other week, twice a month, monthly, or yearly amount?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
7 Yearly

Q48a1

For how many (weekly/every other week/twice a month/monthly) pay periods did (name/you) earn (fill from Q48aa) from this employer in 2019?

- (1-12/1-24/1-26/1-52)

_____

Q48aC2

- Do not read to the respondent.
- The annual rate appears out of range. The total annual earnings entered is (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q48aV

According to my calculations (name/you) earned (total) altogether from this employer in 2019 before deductions. Does that sound about right?

1 Yes
2 No

Q48a2

What is your best estimate of (name's/your) correct total amount of earnings from this employer during 2019 before deductions?

- PREVIOUS ENTRIES: Q48aa: (amount)
  Q48aap: (periodicity)
  Q48a1: (number of pay periods)

- Enter dollar amount

_____

Q48a3

Does this amount include all tips, bonuses, overtime pay, or commissions (name/you) may have received from this employer in 2019?

1 Yes
2 No

Q48aad

How much did (name/you) earn in tips, bonuses, overtime pay, or commissions from this employer in 2019?

- Enter dollar amount

_____

Q48aadrn1 Ask only if the respondent "Doesn't know" or "Refused" Q48aad

Could you tell me if (name/you) earned

less than $1,000
between $1,000 and $3,000
or over $3,000

in tips, bonuses, overtime pay, or commissions from this employer during 2019?

1 Less than $1,000
2 Between $1,000 and $3,000

3 Over $3,000

Q48aadrn2

Did (name/you) earn

less than $100
between $100 and $500
or over $500

in tips, bonuses, overtime pay, or commissions from this employer during 2019?

1 Less than $100
2 Between $100 and $500
3 Over $500

Q48b

What were (name's/your) net earnings from this business/farm after expenses during 2019?

- If response is "Broke Even" then enter 1
- EIf response is “none” or if respondent does not own a business or farm, then enter "0"
- If response is "Lost Money" press Enter
- Enter dollar amount

_____

Q48b_char

- Enter “L” for Lost Money

_____

Q48BL

- Enter amount of money lost in 2019
- Enter annual amount only

_____

Q48brn1 Ask only if the respondent “Doesn’t know” or “Refused” Q48b.

Could you please tell me if (name/you) earned

less than $45,000
between $45,000 and $60,000
or over $60,000

for the TOTAL yearly amount from this business/farm after expenses during 2019?

1 Less than $45,000
2 Between $45,000 and $60,000
3 Over $60,000

Q48brn2

Did (name/you) earn

less than $15,000
between $15,000 and $30,000
or over $30,000

from this business/farm after expenses during 2019?

1 Less than $15,000
2 Between $15,000 and $30,000
3 Over $30,000

Q48bp

Is this a weekly, every other week, twice a month, monthly, quarterly, or yearly amount?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
5 Quarterly
7 Yearly

Q48B1A

- Do not read to the respondent.
- The annual rate appears out of range. The total annual business loss entered is (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q48B1B

- Do not read to the respondent.
- The annual rate appears out of range. The total annual business income entered is (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q48b2

What is your best estimate of (name's/your) ANNUAL net earnings from this business/farm after expenses in 2019?

- PREVIOUS ENTRIES: Q48b : (amount)
  Q48bp: (periodicity)

- Enter dollar amount

Q48b2L

What is your best estimate of (name's/your) ANNUAL net LOSS from this business/farm after expenses in 2019?

- PREVIOUS ENTRIES: Q48bL: (amount)
  Q48bp: (periodicity)

- Enter dollar amount

_____

Q48b3

What were (name's/your) net earnings from this business/farm during the FIRST quarter of 2019?

- If response is "Broke Even" then enter 1
- Enter "0" for None
- If response is “Lost Money” press enter
- Enter dollar amount

_____

Q48b3_char

- Enter "L" for Lost Money

_____

Q48B3L

- Enter amount of money lost in the first quarter of 2019.

_____

Q48b4

What were (name's/your) net earnings from this business/farm during the SECOND

quarter of 2019?

- If response is "Broke Even" then enter 1
- Enter "0" for None
- If response is "Lost Money" press enter
- Enter dollar amount

_____

Q48b4_char

- Enter "L" for Lost Money

_____

Q48B4L

- Enter amount of money lost in the second quarter of 2019.

_____

Q48b5

What were (name's/your) net earnings from this business/farm during the THIRD quarter of 2019?

- If response is "Broke Even" then enter 1
- Enter "0" for None
- If response is "Lost Money" press enter
- Enter dollar amount

_____

Q48b5_char

- Enter "L" for Lost Money

_____

Q48B5L

- Enter amount of money lost in the third quarter of 2019.

_____

Q48b6

What were (name's/your) net earnings from this business/farm during the FOURTH quarter of 2019?

- If response is "Broke Even" then enter 1
- Enter "0" for None

- If response is "Lost Money" press enter
- Enter dollar amount

_____

Q48b6_char

- Enter "L" for Lost Money

_____

Q48B6L

- Enter amount of money lost in the fourth quarter of 2019.

_____

Q48b7

Does this amount include all tips, bonuses, overtime pay, or commissions (name/you) may have received from this business in 2019?

1 Yes
2 No

Q48bad

How much did (name/you) earn in tips, bonuses, overtime pay, or commissions in 2019?

- Enter dollar amount

_____

Q48badrn1 **Ask only if the respondent "Doesn't know" or "Refused" Q48bad.**

Could you tell me if (name/you) earned

less than $1,000
between $1,000 and $3,000
or over $3,000

in tips, bonuses, overtime pay, or commissions from this business during 2019?

1 Less than $1,000
2 Between $1,000 and $3,000
3 Over $3,000

Q48badrn2

Did (name/you) earn

less than $100
between $100 and $500
or over $500

in tips, bonuses, overtime pay, or commissions during 2019?

1 Less than $100
2 Between $100 and $500
3 Over $500

Q49a

Did (name/you) earn money from any other work (you/he/she) did during 2019?

1 Yes
2 No

Q49b1d

How much did (name/you) earn from all other employers before taxes and other deductions during 2019?

- Enter dollar amount
- Enter "0" for None

_____

Q49b1drn1 Ask only if the respondent "Doesn't know" or "Refused" Q48b1d.

Could you please tell me if (name/you) earned

less than $10,000
between $10,000 and $20,000
or over $20,000

from all other employers before taxes and other deductions during 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q49b1drn2

Did (name/you) earn

less than $1,000
between $1,000 and $5,000
or over $5,000

from all other employers before taxes and other deductions during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q49b1p

- Read if necessary

Is this a weekly, every other week, twice a month, monthly, or yearly amount?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
7 Yearly

Q49B11

For how many (weekly/every other week/twice a month/monthly) pay periods did (name/you) earn (fill from Q49b1d) from all other employers in 2019?

- (1-12/1-24/1-26/1-52)

_____

Q49B1C

- Do not read to the respondent.
- The total annual earnings entered from all other employers is (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q49B1V

According to my calculations (name/you) earned (total) altogether from all other employers in 2019. Does that sound about right?

1 Yes
2 No

Q49B12

What is your best estimate of (name's/your) correct total amount of earnings from all other employers during 2019?

- PREVIOUS ENTRIES: Q49b1d: (amount)
  Q49b1p: (periodicity)
  Q49b11: (number of pay periods)

- Enter dollar amount

_____

Q49b13

Does this amount include all tips, bonuses, overtime pay, or commissions (name/you) may have received from all other employers in 2019?

1 Yes
2 No

Q49B1A

How much did (name/you) earn in tips, bonuses, overtime pay, or commissions from all other employers in 2019?

- Enter dollar amount

_____

Q49B1ARN1 Ask only if the respondent "Doesn't know" or "Refused" Q49B1A.

Could you tell me if (name/you) earned

less than $1,000
between $1,000 and $3,000
or over $3,000

in tips, bonuses, overtime pay, or commissions from all other employers in 2019?

1 Less than $1,000 (proceed to **Q49B1ARN2**)
2 Between $1,000 and $3,000
3 Over $3,000

Q49B1ARN2

Did (name/you) earn

less than $100
between $100 and $500
or over $500

in tips, bonuses, overtime pay, or commissions from all other employers in 2019?

1 Less than $100
2 Between $100 and $500
3 Over $500

Q49b2

How much did (name/you) earn from (blank/any other businesses of) (your/his/her) (own/own business) after expenses?

- If response is "Broke Even" then enter 1
- Enter "0" for None
- If response is "Lost Money" press enter
- Enter annual amount only

_____

Q49b2rn1 Ask only if the respondent "Doesn't know" or "Refused" Q49b2

Could you tell me if (name/you) earned

less than $10,000
between $10,000 and $20,000
or over $20,000

from (blank/any other businesses of) (your/his/her) (own/own business) after expenses?

1 Less than $10,000 (proceed to **Q49b2rn2**)
2 Between $10,000 and $20,000
3 Over $20,000

Q49b2rn2

Could you tell me if (name/you) earned

less than $1,000
between $1,000 and $5,000
or over $5,000

from (blank/any other businesses of) (your/his/her) (own/own business) after

expenses?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q49b2_char

- Enter "L" for Lost Money

_____

Q49b3

- Enter annual amount lost only

_____

Q49b4

How much did (name/you) earn from (your/his/her) farm after expenses?

- If response is "Broke Even" then enter 1
- Enter "0" for None
- If response is "Lost money" press enter
- Enter annual amount only

_____

Q49b4rn1 Ask only if the respondent "Doesn't know" or "Refused" Q49b4.

Could you tell me if (name/you) earned

less than $10,000
between $10,000 and $20,000
or over $20,000

from (your/his/her) farm after expenses?

1 Less than $10,000 (proceed to **Q49b4rn2**)
2 Between $10,000 and $20,000
3 Over $20,000

Q49b4rn2

Did (name/you) receive

less than $1,000

between $1,000 and $5,000
or over $5,000

from (your/his/her) farm after expenses?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q49b4_char

- Enter "L" for Lost Money

_____

Q49b5

- Enter annual amount lost only

_____

4 INCOME SOURCES

In the ASEC income section the order of the questions changes based on the household composition (Low-income, Householder or Spouse Aged 62 or Older, or Default); see chart on the following page. All low-income transfer program questions are asked in each interview regardless of household family income.

Default		Low Income		Householder or Spouse 62 Years +	
Earnings- Person Level		Earnings- Person Level		Earnings- Person Level	
1	Unemployment/Workers Compensation	1	Unemployment/Workers Compensation	1	Unemployment/Workers Compensation
2	Social Security/SS for Children	7	Public Assistance / TANF	2	Social Security/SS for Children
3	Supplemental Security Income (SSI)/SSI Children	8	Food Stamps (SNAP)	3	Supplemental Security Income (SSI)/SSI Children
4	Disability	2	Social Security/SS for Children	4	Disability
5	Veterans	3	Supplemental Security Income (SSI)/SSI Children	5	Veterans
6	Survivor Benefits	4	Disability	6	Survivor Benefits
7	Public Assistance / TANF	5	Veterans	9	Pensions
8	Food Stamps (SNAP)	6	Survivor Benefits	10	Annuities
9	Pensions	9	Pensions	11	Retirement Accounts (within) –Withdrawals or distributions
10	Annuities	10	Annuities	12	Other Income Earning Assets (outside of retirement)
11	Retirement Accounts (within) – Withdrawals or distributions	11	Retirement Accounts (within) – Withdrawals or distributions	13	Property Income
12	Other Income Earning Assets (outside of retirement)	12	Other Income Earning Assets (outside of retirement)	7	Public Assistance / TANF
13	Property Income	13	Property Income	8	Food Stamps (SNAP)
14	Education Assistance	14	Education Assistance	14	Education Assistance
15	Child Support	15	Child Support	15	Child Support
16	Financial Assistance from friends or relatives	16	Financial Assistance from friends or relatives	16	Financial Assistance from friends or relatives
17	Other Income	17	Other Income	17	Other Income
*	Health Insurance				
18	Employers Pension Plan				
19	School Lunches- no amount collection				
20	Public Housing- no amount collection				
21	WIC- no amount collection				

4.1 UNEMPLOYMENT AND WORKERS COMPENSATION (Source)

Q51A1

At any time during 2019 did (you/anyone in the household) receive any State or Federal unemployment compensation?

1 Yes
2 No

Q51A1b

- Read only if necessary

Who received State or Federal unemployment compensation?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

Q51A2

At any time during 2019 did (you/anyone in the household) receive any Supplemental Unemployment Benefits (SUB)?

1 Yes
2 No

Q51A2b

- Read only if necessary

Who received Supplemental Unemployment Benefits?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

Q51A3

At any time during 2019 did (you/anyone in the household) receive any Union Unemployment or Strike Benefits?

1 Yes
2 No

Q51A3b

- Read only if necessary

Who received Union Unemployment or Strike Benefits?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

Q52A

During 2019 did (you/anyone in the household) receive any Worker's Compensation payments or other payments as a result of a job related injury or illness?

- **Exclude sick pay and/or disability retirement**.

1 Yes
2 No

Q52Ab

- Read only if necessary

Who received Worker's Compensation or payments as a result of a job related injury or illness?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

- Exclude those who received sick pay and/or disability retirement.

Q52b

What was the source of (your/name's) payments?

1 State Worker's Compensation
2 Employer or employer's insurance worker's compensation
3 Own insurance worker's compensation
4 Other

Q52Cs1

- Specify other source from workers compensation/insurance
- Enter "Worker's Compensation" if the answer is "Don't Know"

4.2 SOCIAL SECURITY (Source)

Q56a

During 2019 did (you/ anyone in this household) receive any Social Security payments from the U.S. Government?

1 Yes
2 No

Q56b

- Read only if necessary

Who received Social Security payments either for themselves or as combined payments with other family members?

- Enter Line Number Of Parent Or Guardian For Payments Made To Children Under Age 15
- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone else?

SSR

What were the reasons (name/you) (was/were) getting Social Security in 2019?

- Mark all that apply, separate using the space bar or a comma.
- Probe: Any Other Reason?

1 Retired
2 Disabled
3 Widowed
4 Spouse
5 Surviving child
6 Dependent child
7 On behalf of surviving, dependent, or disabled children
8 Other

SSRs

- Specify other reason

_____

SSC

Which children under age 19 were receiving Social Security in 2019?

- Probe: Anyone Else?
- Enter all that apply, separate by commas.
- Enter 96 for All People - Enter 0 for None

SSCR

What were the reasons (Child's name/the children) (was/were) getting Social Security in 2019?

- Enter all that apply, separate using the space bar or a comma.

- Probe: Any Other Reason?

1 Disabled child/children
2 Surviving child/children
3 Dependent child/children
4 Other

SSDIa1

Did (name/you) receive (your/his/her) first Social Security Disability payment in 2019?

1 Yes
2 No

4.3 SOCIAL SECURITY FOR CHILDREN (Source)

Q56f

Did anyone in this household receive any Social Security income in 2019 that we have not already counted on behalf of children in this household?

- Includes all children under 19 years of age

1 Yes
2 No

Q56g

- Read only if necessary

Who received these Social Security payments?

- Enter line number of parent or guardian
- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

CSS

Which children under age 19 were receiving Social Security in 2019?

- Probe: Anyone Else?
- Enter all that apply, separate using the space bar or a comma.
- Enter 0 if none listed
- Enter 96 for all persons

CRSS

What were the reasons (Child's name/the children) (was/were) getting Social Security in 2019?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Any Other Reason?

1 Disabled child/children
2 Surviving child/children
3 Dependent child/children
4 Other

4.4 SUPPLEMENTAL SECURITY INCOME (SSI) (Source)

Q57a

During 2019 did (you/ anyone in this household) receive:
any SSI payments, that is, Supplemental Security Income?

- Note: SSI are assistance payments to low-income aged, blind and disabled persons, and come from state or local welfare offices, the Federal government, or both.

1 Yes
2 No

Q57b

- Read only if necessary

Who received SSI?

- Supplemental Security Income
- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

SSIR

What were the reasons (name/you) (was/were) getting Supplemental Security Income in 2019?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Any Other Reason?

1 Disabled
2 Blind
3 On behalf of a disabled child
4 On behalf of a blind child
5 Other _____

4.5 SUPPLEMENTAL SECURITY INCOME FOR CHILDREN (SSI) (Source)

Q57d

Did anyone in this household receive any Supplemental Security Income in 2019 that we have not already counted on behalf of children in this household?

- Includes all children under 18 years of age
- SSI previously reported will appear here

LN Name Amount for Q57C amount

1 Yes
2 No

Q57e

- Read only if necessary

Who received these Supplemental Security Income payments?

- Enter line number of parent or guardian

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

RSSI

What were the reasons (name/you) (was/were) getting Supplemental Security Income on behalf of children in 2019?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Any Other Reason?

1 On behalf of a disabled child/children
2 On behalf of a blind child/children
3 Other _____

CSSI

Which children under age 18 were receiving Supplemental Security Income in 2019?

- Probe: Anyone Else?
- Enter all that apply, separate using the space bar or a comma.
- Enter 0 if none listed
- Enter 96 for all persons

4.6 DISABILITY INCOME (Source)

Q59AR

At any time in 2019 (did you/did anyone in the household) have a disability or health problem which prevented (you/them) from working, even for a short time, or which limited the work (you/they) could do?

1 Yes
2 No

Q59b

- Read only if necessary

Who is that?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

Q60a

(Did you/Is there anyone in this household who) ever (retire or leave/ retired or left) a job for health reasons?

1 Yes
2 No

Q60b

- Read only if necessary

Who is that?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

Q61b

Did (you/name) receive any income in 2019 as a result of (your/his/her) health problem (other than Social Security Disability/other than VA benefits/ other than Social Security Disability or VA Benefits)?

(- If amount was reported previously as compensation from a job related injury or illness, then enter <2>. Amount previously reported in Q52CT was (amount).)
- Do not include Veterans' payments.

1 Yes
2 No

Q61C

What was the source of this income?

- Asking About: (name) (blank/- -CURRENT RESPONDENT)
- Enter all that apply, separate using the space bar or a comma.
- Probe: Any other income related to this health condition or disability?

2 Worker's compensation
3 Company or union disability
4 Federal Government (CIVIL SERVICE) disability
5 U.S. Military retirement disability
6 State or Local government employee disability
7 U.S. Railroad retirement disability
8 Accident or disability insurance
9 Black Lung miner's disability
10 State temporary sickness

11 Other or don’t know – Specify – Enter last

Q61Cs1

- Specify other source from health problem or disability
- Enter "Other Health Problem/Disability" if the answer is "Don't Know"

_____

4.7 VETERANS PAYMENTS (Source)

Q60A88

At any time during 2019 did (you/anyone in this household) receive: Any Veterans’ (VA) payments?

- Include assistance received by children of veterans

1 Yes
2 No

Q60b_88

- Read only if necessary

Who received Veterans’ (VA) payments either for themselves or as combined payments with other family members?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

Q60C8

What type of Veterans' payment did (name/you) receive?

- Read list only if respondent is having difficulty answering the question.
- Enter all that apply, separate using the space bar or a comma.
- Probe: Any Other Payments?

1 Service-connected disability compensation
2 Survivor Benefits
3 Veterans’ Pension
4 Educational assistance (including assistance received by children of veterans)
5 Other Veterans’ payments _____

Q60D88

(Are/Is) (name/you) required to fill out an annual income questionnaire for the Department of Veterans' Affairs?

1 Yes
2 No

4.8 SURVIVOR BENEFITS (Source)

Q58a

Did (you/ anyone in this household) receive any survivor benefits in 2019 such as widow's pensions, estates, trusts, insurance annuities, or any other survivor benefits (other than Social Security/ other than VA benefits/ other than Social Security or VA benefits)?

1 Yes
2 No

Q58b

- Read only if necessary

Who received this income?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

Q58C

What was the source of this income?

- Asking About: (name/name- -CURRENT RESPONDENT)
- Read list if respondent is having difficulty answering the question
- Enter all that apply, separate using the space bar or a comma.
- Probe: Any Other Source?

2 Company or union survivor pension (INCLUDE PROFIT SHARING)
3 Federal Government survivor (CIVIL SERVICE) pension
4 U.S. Military retirement survivor pension
5 State or Local government survivor pension
6 U.S. Railroad retirement survivor pension
7 Worker's compensation survivor pension
8 Black Lung survivor pension
9 Regular payments from estates or trusts

10 Regular payments from annuities or paid-up insurance policies
11 Other or don't know (SPECIFY) - ENTER LAST

Q58Cs1

- Specify other source of income as survivor or widow
- Enter "Survivor Benefits" if the answer is "Don't Know"

4.9 PUBLIC ASSISTANCE (Source)

Q59A88

At any time during 2019, even for one month, did (you/ anyone in this household) receive any CASH assistance from a state or county welfare program such as (State Program Name)?

Include cash from:	Don't include:
Welfare or welfare to work	Food stamps (SNAP)
TANF	SSI
AFDC/Aid to Families	Energy assistance
General Assistance	WIC
Diversion payments	School meals
Refugee Cash	Childcare
Gen Assist Indian Affairs	Education Assistance

1 Yes
2 No

Q59A89

Just to be sure, in 2019, did anyone receive CASH assistance from a state or county welfare program, on behalf of CHILDREN in the household?

1 Yes
2 No

Q59b_88

Who received this CASH assistance?

- Enter line number
- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

Q59C8r

From what type of program did (name/you) receive the CASH assistance? Was it a welfare or welfare to-work program such as (STATE PROGRAM NAME), General Assistance, Emergency Assistance, Diversion payments or some other program?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Any Other Program?
- If respondent mentions any of the following categories:
  - Food Stamps
  - SSI
  - Energy Assistance
  - School Meals
  - Transportation
  - Child Care
  - Rental
  - Educational Assistance

Note this, but explain: “Right now we are interested in CASH assistance”. Seek answers using the accepted categories

1 (State Program Name)/Temporary Assistance to Needy Families (TANF)/ welfare/AFDC
2 General Assistance
3 Emergency Assistance/short-term cash assistance
4 Diversion Payments
5 Refugee Cash and Medical Assistance program
6 General Assistance from Bureau of Indian Affairs, or Tribal Administered General Assistance
7 Some other program (specify)

Q59C8s

What was the name of the other program?

- Specify other source of cash assistance
- Enter "Cash" if the answer is "Don't Know"

_____

4.10 FOOD STAMPS/SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM (SNAP) (Source)

Q87r

At any time during 2019, did (you/ anyone in this household) receive benefits from SNAP (the Supplemental Nutritional Assistance Program) or the Food Stamp program, or use a SNAP or food stamp benefit card?

- Do not include WIC benefits.

1 Yes
2 No

Q87ar

At any time during 2019, even for one month, did (you/ anyone in this household) receive any food assistance from (State Program name)?

- Do not include WIC benefits.
- Include SNAP (Supplemental Nutrition Assistance Program)

1 Yes
2 No

Q88

Which of the people now living here were covered by that food assistance during 2019?

- List all household members covered by food assistance regardless of age
- Enter all that apply, separate using the space bar or a comma.
- Enter 96 for All
- Enter 0 for None
- Probe: Anyone else?

4.11 PENSIONS (Source)

Q62Ar

During 2019 did (you/ anyone in this household) receive any pension income from a previous employer or union, (other than Social Security/ other VA benefits/ other than Social Security or VA benefits)?

- **PLEASE DO NOT INCLUDE DISTRIBUTIONS OR WITHDRAWALS FROM IRAs, 401(k)s, OR SIMILAR ACCOUNTS!**

1 Yes
2 No

Q62b

- Read only if necessary

Who received pension income?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

Enter persons line number (1-16)

Q62Cr

What was the source of (your/ NAME's) pension income? Did (you/he/she) have a pension from a:

- READ EACH CATEGORY.
- Enter all that apply, separate using the space bar or a comma.

1 Company
2 Union
3 Federal Government
4 State Government
5 Local Government
6 U.S. Military
7 Some other source

Q62DR

What was the source of (name's/your) other pension income?

Enter all that apply
Probe as needed: Who received this source?
Probe: Any Other pension income?

1 U.S. Railroad Retirement pension
2 Other source (specify) or "don't know"

Q62Cs1

- Specify other source of pension income
- Enter "Other Pension" if the answer is "Don't Know"

4.12 ANNUITIES (Source)

Q96Ar

During 2019 did (you/ anyone in this household) receive any income from an annuity?

1 Yes
2 No

Q96Br

- Read only if necessary

Who received annuity income?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

4.13 RETIREMENT ACCOUNTS (Source)

Q97Ar

At any time during 2019 did (you/ anyone in this household) have any retirement accounts such as a 401(k), 403(b), IRA, or other account designed specifically for retirement savings?

1 Yes
2 No

Q97Br

- Read only if necessary

Who had such a retirement account?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

Q97Cr

What type of retirement account did (you/ NAME) have? Did (you/he/she) have…

- READ EACH CATEGORY

- Enter all that apply, separate using the space bar or a comma.

1. 401(k)
2. 403(b)
3. Roth IRA
4. Regular IRA
5. KEOGH plan (“KEE-OH”)
6. SEP plan (Simplified Employee Pension)
7. another type of retirement account

Q97Dr

What was the source of (name's/your) retirement income?

- Enter other source of retirement income
- Enter “Other Retirement” if the answer is “Don’t Know”

Q98Ar(1-7)

Did (you/NAME) withdraw any money or receive a distribution from (your/his/her) [ACCOUNT TYPE_ FILL IN FROM Q97CR or Q97DR] in 2019 (, including any distributions (you/he/she) may have been required to take)?

1 Yes
2 No

4.14 INCOME-EARNING ACCOUNTS OUTSIDE OF RETIREMENT (Source)

Q99ARa

Now I will ask about assets that may have paid interest or dividends in 2019 outside of the retirement accounts.

At anytime during 2019, did (you/anyone in this household):

Have money in an interest-earning checking account?

1 Yes
2 No

Q99Ba

- Ask only if necessary

Which members of this household ages 15 and over had an interest-earning checking account?

- Include each person in cases of joint accounts or ownership
- Enter all that apply, separate using the space bar or a comma
- Probe: Anyone else?

Q99ARb

At anytime during 2019, did (you/anyone in this household):

Have money in a savings account?

1 Yes
2 No

Q99Bb

- Ask only if necessary

Which members of this household ages 15 and over had savings accounts?

- Include each person in cases of joint accounts or ownership
- Enter all that apply, separate using the space bar or a comma
- Probe: Anyone else?

Q99ARc

At anytime during 2019, did (you/anyone in this household):

Have money in a money market fund?

1 Yes
2 No

Q99Bc

- Ask only if necessary

Which members of this household ages 15 and over had a money market fund?

- Include each person in cases of joint accounts or ownership
- Enter all that apply, separate using the space bar or a comma
- Probe: Anyone else?

Q99ARd

At anytime during 2019, did (you/anyone in this household):

Have money in CDs (certificates of deposit)?

1 Yes
2 No

Q99Bd

- Ask only if necessary

Which members of this household ages 15 and over had CDs (certificates of deposit)?

- Include each person in cases of joint accounts or ownership
- Enter all that apply, separate using the space bar or a comma
- Probe: Anyone else?

Q99ARe

At anytime during 2019, did (you/anyone in this household):

Have money in savings bonds?

1 Yes
2 No

Q99Be

- Ask only if necessary

Which members of this household ages 15 and over had savings bonds?

- Include each person in cases of joint accounts or ownership
- Enter all that apply, separate using the space bar or a comma
- Probe: Anyone else?

Q99ARf

At anytime during 2019, did (you/anyone in this household):

Have money in shares of stock in corporations or mutual funds?

1 Yes
2 No

Q99Bf

- Ask only if necessary

Which members of this household ages 15 and over had shares of stock in corporations or mutual funds?

- Include each person in cases of joint accounts or ownership
- Enter all that apply, separate using the space bar or a comma
- Probe: Anyone else?

Q99ARg

At anytime during 2019, did (you/anyone in this household):

Have money in any other savings or investments that pay interest or dividends?

1 Yes
2 No

Q99Bg

- Ask only if necessary

Which members of this household ages 15 and over had any other savings or investments that paid interest or dividends?

- Include each person in cases of joint accounts or ownership
- Enter all that apply, separate using the space bar or a comma
- Probe: Anyone else?

CAPGDIS

Did (you/NAME) receive any capital gains from (your/his/her) shares of stocks or mutual funds in 2019?

1 Yes
2 No

Q99BR

What was the source of (name's/your) savings or investments that pay interest or dividends?

- Enter other source of interest or dividend income

4.15 PROPERTY INCOME (Source)

Q65A1

During 2019 did (you/ anyone in this household):

Own any land, business property, apartments, or houses which were rented to others?

1 Yes
2 No

Q65A2

At anytime during 2019 did (you/ anyone in this household):
Receive income from royalties or from roomers or boarders?
(exclude amounts paid by relatives)

1 Yes
2 No

Q65A3

At anytime during 2019 did (you/ anyone in this household):

Receive income from estates or trusts?
(exclude estates or trusts already reported)

1 Yes
2 No

Q65b

- Ask only if necessary

Who received this (income/rent) ?

- (Amount previously reported in Q48b was (amount))
- Include each in cases of joint ownership. For self-employed persons, determine if income was already included
- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

4.16 EDUCATION ASSISTANCE (Source)

Q66a

During 2019 did (you/anyone in this household) attend school beyond the high school level including a college, university, or other schools?
(include vocational, business, or trade schools)

1 Yes
2 No

Q66b

Did (you/ anyone in this household) receive any educational assistance for tuition, fees, books, or living expenses during 2019?

- Exclude loans, assistance from household members, and VA educational benefits

1 Yes
2 No

Q66c

- Ask only if necessary

Which member received assistance?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

Q66d

What type of assistance did (name/you) receive?

- Exclude assistance from household members
- Enter all that apply, separate using the space bar or a comma.
- Probe: Any other assistance?

2 Pell Grant
3 Assistance from a welfare or social service office
4 Some other government assistance
5 Scholarships, grants, etc.
6 Other assistance (employers, friends, etc.)

4.17 CHILD SUPPORT (Source)

Q70a

During 2019 did (you/anyone in this household) receive:
Any child support payments?

1 Yes
2 No

Q70b

- Read only if necessary

Who received these payments?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

4.18 REGULAR FINANCIAL ASSISTANCE (Source)

Q72a

(Any other/Any) regular financial assistance from friends or relatives not living in this household?

- Do not include loans

1 Yes
2 No

Q72b

- Read only if necessary

Who received this assistance?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

4.19 OTHER MONEY INCOME (Source)

Q73A1R

During 2019 did (you/ anyone in this household) receive cash income not already covered such as income from:

foster child care, alimony, jury duty, armed forces reserves, severance pay, hobbies,

or any other source?

1 Yes
2 No

Q73A1b

- Ask only if necessary

Who received this income?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

Q73A1Rc1

What was the source of this income?
- Asking about: (name/you – Current respondent)
- Do not read answer list to respondent

1 Alaska Permanent Fund Dividend
2 Other sources or don't know – Specify

Q73A1Rc

- Specify other source of income
- Asking about: (name/you – Current respondent)

5 INCOME AMOUNTS

AMTINTRO

Now I will ask you about the amount of income you (and others in this household) received from various sources in 2019.

5.1 UNEMPLOYMENT AND WORKER'S COMPENSATION (Amounts)

Q51A1p

What is the easiest way for you to tell us (name's/your) State or Federal unemployment compensation; weekly, every other week, twice a month, monthly, or yearly?

1 Weekly

2 Every other week (bi-weekly)
3 Twice a month
4 Monthly
7 Yearly

Q51A11

How much did (name/you) receive (weekly/every other week/ twice a month/monthly/) in State or Federal unemployment compensation during 2019?

Enter dollar amount

_____

Q51A11r1

Could you please tell me if (name/you) received:

less than $10,000
between $10,000 and $20,000
or over $20,000

in State or Federal unemployment compensation during 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q51A11r2

Did (name/you) receive:

less than $1,000
between $1,000 and $5,000
or over $5,000

in State or Federal unemployment compensation during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q51A1C

Do not read to the respondent.
The annual rate appears out of range. The total State or Federal unemployment

compensation received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q51A12

How many (weekly/every other week/ twice a month/monthly) payments did (name/you) receive from State or Federal unemployment compensation during 2019?

(1-12/1-24/1-26/1-52)

_____

Q51A13

According to my calculations (name/you) received (total) altogether from State or Federal unemployment compensation during 2019. Does that sound about right?

1 Yes
2 No

Q51A14

What is your best estimate of the correct total amount (name/you) received from State or Federal unemployment compensation during 2019?

PREVIOUS ENTRIES: Q51A11: (amount)
Q51A1p: (periodicity)
Q51A12: (number of pay periods)
Enter dollar amount

_____

Q51A2p

What is the easiest way for you to tell us (name's/your) Supplemental Unemployment Benefits; weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week (bi-weekly)
3 Twice a month
4 Monthly
7 Yearly

Q51A21

How much did (name/you) receive (weekly/every other week/twice a month/monthly/) in Supplemental Unemployment Benefits during 2019?

Enter dollar amount

_____

Q51A21r1

Could you please tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

in Supplemental Unemployment Benefits during 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q51A21r2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in Supplemental Unemployment Benefits during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q51A2C

Do not read to the respondent.
The annual rate appears out of range. The total Supplemental Unemployment Benefits received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q51A22

How many (weekly/every other week/twice a month/ monthly) payments did (name/you) receive from Supplemental Unemployment Benefits during 2019?

(1-12/1-24/1-26/1-52)

_____

Q51A23

According to my calculations (name/you Fill) received (total) altogether from Supplemental Unemployment Benefits during 2019. Does that sound about right?

1 Yes
2 No

Q51A24

What is your best estimate of the correct total amount (name/you) received from Supplemental Unemployment Benefits during 2019?

PREVIOUS ENTRIES: Q51A21: (amount)
Q51A2p: (periodicity)
Q51A22: (number of pay periods)

Enter dollar amount

_____

Q51A3p

What is the easiest way for you to tell us (name's/your) Union Unemployment or Strike Benefits; weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week (bi-weekly)
3 Twice a month
4 Monthly
7 Yearly

Q51A31

How much did (name/you) receive (weekly/every other week/ twice a month/monthly/) in Union Unemployment or Strike Benefits during 2019?

Enter dollar amount

_____

Q51A31r1

Could you please tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

in Union Unemployment or Strike Benefits during 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q51A31r2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in Union Unemployment or Strike Benefits during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

C251A3

Do not read to the respondent.
The annual rate appears out of range. The total Union Unemployment or Strike Benefits received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q51A32

How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive from Union Unemployment or Strike Benefits during 2019?

(1-12/1-24/1-26/1-52)

_____

Q51A33

According to my calculations (name/you) received (total) altogether from Union Unemployment or Strike Benefits during 2019. Does that sound about right?

1 Yes
2 No

Q51A34

What is your best estimate of the correct total amount (name/you) received from Union Unemployment or Strike Benefits during 2019?

PREVIOUS ENTRIES: Q51A31: (amount)
Q51A3p: (periodicity)
Q51A32: (number of pay periods)

Enter dollar amount

_____

Q52cp

What is the easiest way for you to tell us (your/name's) Worker's Compensation: weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
7 Yearly

Q52c1

How much did (name/you) receive (weekly/every other week/twice a month/monthly) in Worker's Compensation during 2019?

Enter dollar amount

_____

Q52cr1

Could you please tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

in Worker's Compensation during 2019?

1 Less than $10,000

2 Between $10,000 and $20,000
3 Over $20,000

Q52cr2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in Worker's Compensation during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q52cC2

Do not read to the respondent.
The annual rate appears out of range. The total worker's compensation received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q52c2

How many (weekly/every other week/twice a month/monthly) payments did (name/you) receive from Worker's Compensation during 2019?

(1-12/1-24/1-26/1-52)

_____

Q52c3

Then (name/you) received (total) altogether from Worker's Compensation during 2019. Does that sound about right?

1 Yes
2 No

Q52c4

What is your best estimate of the correct total amount (name/you) received from Worker's Compensation during 2019?

PREVIOUS ENTRIES: Q52c1: (amount)
Q52cp: (periodicity)
Q52c2: (number of pay periods)

Enter dollar amount

_____

5.2 SOCIAL SECURITY (Amounts)

Q56dp

What is the easiest way for you to tell us (name's/your) Social Security payment; monthly, quarterly, or yearly?

4 Monthly
5 Quarterly
7 Yearly

Q56d

How much did (name/you) receive (monthly/quarterly) in Social Security payments in 2019?

- Enter dollar amount
- (If already included in amount reported for another household member, press Enter)

_____

Q56d_Char

Enter <A> for Already included

_____

Q56drn1

Could you please tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

for the TOTAL amount (you/name) received in Social Security payments in 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q56drn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in Social Security payments in 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q56d2

For how many (months/quarters) did (name/you) receive Social Security in 2019?

(1-4; 1-12)

_____

Q56d3

Is this $(amount from Q56d/amount from Q56d1) before or after any monthly Medicare deduction?

1 After Deduction
2 Before Deduction

Q56md

If Q56d3 = 1 then ask:
How much were (name's/your) monthly Medicare deductions?

If Q56d3 = 2 then ask:
How much were (name's/your) monthly payments for Medicare?

Include Medicare Advantage, Part B, and Part D premiums.

_____

Q56dC2

Do not read to the respondent.
The annual rate appears out of range. The total Social Security received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q56d5

According to my calculations (name/you) received $(total) altogether from Social Security in 2019. Does that sound about right?

1 Yes
2 No

Q56d6

What is your best estimate of the correct amount (name/you) received in Social Security during 2019?

PREVIOUS ENTRIES: Q56d: (amount)
Q56dp: (periodicity)
Q56d2: (number of pay periods)

Enter dollar amount

_____

5.3 SOCIAL SECURITY DISABILITY (Amounts)

Q562dp

What is the easiest way for you to tell us (name's/your) Social Security Disability payment; monthly, quarterly, or yearly?

4 Monthly
5 Quarterly
7 Yearly

Q562d

How much did (name/you) receive (monthly/quarterly) in Social Security Disability payments in 2019?

Enter dollar amount

(If already included in amount reported for another household member, press Enter)

_____

Q562d_Char

Enter <A> for Already included

_____

Q562d2

For how many (months/quarters) did (name/you) receive Social Security Disability in 2019?

(1-4; 1-12)

_____

Q562drn1

Could you tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

in Social Security Disability payments in 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q562drn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in Social Security Disability payments in 2019?

4 Less than $1,000
5 Between $1,000 and $5,000
6 Over $5,000

Q562d3

Is this $(amount from Q562d) before or after any monthly Medicare deductions?

1 After Deduction
2 Before Deduction

Q562md

If Q562d3 = 1 then ask:
How much were all of (name's/your) monthly Medicare deductions?

If Q562d3 = 2 then ask:
How much were (name's/your) monthly payments for Medicare?

Include Medicare Advantage, Part B, and part D premiums.

Q562dC2

Do not read to the respondent.

The annual rate appears out of range. The total Social Security received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

BACKPAY1

During 2019, did (name/you) receive an initial Social Security Disability payment that was larger than the usual payment that we haven't accounted for yet?

Sometimes the initial payment from Social Security Disability is larger than the usual monthly payments to make up for the delay in receiving the first payment.

1 Yes
2 No

BACKPAY2

How much was that initial disability payment?

Q562d5

According to my calculations (name/you) received $(total) altogether from Social Security Disability in 2019. Does that sound about right?

1 Yes
2 No

Q562d6

What is your best estimate of the correct amount (name/you) received in Social Security Disability during 2019?

PREVIOUS ENTRIES: Q562d: (amount)
Q562dp: (periodicity)

Q562d2: (number of pay periods)
BACKPAY2: (amount)

Enter dollar amount

_____

5.4 SOCIAL SECURITY FOR CHILDREN (Amounts)

Q56ip

What is the easiest way for you to tell us (name's/your) Social Security payment for children in this household; monthly, quarterly, or yearly?

4 Monthly
5 Quarterly
7 Yearly

Q56i

How much did (name/you) receive (monthly/quarterly) in Social Security payments for children in this household in 2019?

• Enter dollar amount

(If already included in amount reported for another household member, press Enter)

_____

Q56i_Char

• Enter A for Already included

_____

Q56irn1

Could you please tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

for the TOTAL amount (name/you) received in Social Security payments for children in this household in 2019?

1 Less than $10,000

2 Between $10,000 and $20,000
3 Over $20,000

Q56irn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in Social Security payments for children in this household in 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q56i2

For how many (months/quarters) did (name/you) receive Social Security in 2019?

- (1-4; 1-12)

_____

Q56iC2

- Do not read to the respondent.
- The annual rate appears out of range. The total Social Security received for children in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q56i4

According to my calculations (name/you) received $(total) altogether for children in this household from Social Security in 2019. Does that sound about right?

1 Yes
2 No

Q56i5

What is your best estimate of the correct amount (name/you) received in Social Security for children in this household during 2019?

- Previous entries: (amount)
  Q56ip: (periodicity)

Q56i2: (number of pay periods)

• Enter dollar amount

_____

5.5 SUPPLEMENTAL SECURITY INCOME (SSI) (Amounts)

Q57cp

What is the easiest way for you to tell us (name's/your) Supplemental Security Income payment; monthly, quarterly, or yearly?

4 Monthly
5 Quarterly
7 Yearly

Q57c

How much did (name/you) receive (monthly/quarterly) in Supplemental Security Income payments in 2019?

• Enter dollar amount

_____

Q57crn1

Could you please tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

for the TOTAL amount (name/you) received in Supplemental Security Income payments in 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q57crn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000

or over $5,000

in Supplemental Security Income payments in 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q57c2

For how many (months/quarters) did (name/you) receive Supplemental Security Income in 2019?

- (1-4; 1-12)

_____

Q57cC2

- Do not read to the respondent.
- The annual rate appears out of range. The total Supplemental Security Income received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q57c4

According to my calculations (name/you) received $(total) altogether from Supplemental Security Income in 2019. Does that sound about right?

1 Yes
2 No

Q57c5

What is your best estimate of the correct amount (name/you) received in Supplemental Security Income during 2019?

- Previous entries: (amount)
  Q57cp: (periodicity)
  Q57c2: (number of pay periods)

- Enter Dollar Amount

_____

5.6 SUPPLEMENTAL SECURITY INCOME FOR CHILDREN (Amounts)

Q57ip

What is the easiest way for you to tell us the Supplemental Security Income (name/you) received on behalf of children?

4 Monthly
5 Quarterly
7 Yearly

Q57i

How much did (name/you) receive (monthly/quarterly) in Supplemental Security Income on behalf of children in 2019?

• Enter dollar amount
_____

Q57irn1

Could you please tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

for the TOTAL amount (name/you) received in Supplemental Security Income payments in 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q57irn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in Supplemental Security Income in 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q57i2

For how many (months/quarters) did (name/you) receive Supplemental Security Income on behalf of children in 2019?

- (1-4; 1-12)

_____

Q57iC2

- Do not read to the respondent.
- The annual rate appears out of range. The total Supplemental Security Income received on behalf of children in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q57i4

According to my calculations (name/you) received $(total) altogether from Supplemental Security Income on behalf of children in 2019.
Does that sound about right?

1 Yes
2 No

Q57i5

What is your best estimate of the correct amount (name/you) received in Supplemental Security Income on behalf of children during 2019?

- PREVIOUS ENTRIES: (amount)
  Q57ip: (periodicity)
  Q57i2: (number of pay periods)

- Enter dollar amount

_____

5.7 DISABILITY INCOME (Amounts)

Q61E1P

What is the easiest way for you to tell us (name's/your) (fill first answer from Q61C or Q61Cs1) payments; weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly

7 Yearly

Q61E1

How much did (name/you) receive (weekly/ every other week/ twice a month/ monthly) before deductions in (fill first answer from Q61C or Q61Cs1) payments in 2019?

- Enter dollar amount
- Do not include Veterans' payments.

_____

Q61e1rn1

Could you please tell me if (name/you) received:

less than $10,000
between $10,000 and $20,000
or over $20,000

for the TOTAL amount (name/you) received in (fill first answer from Q61Cr or Q61Cs1) during 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q61e1rn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in (fill first answer from Q61C or Q61Cs1) during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q61E12

How many (weekly/ every other week/ twice a month/ monthly) payments did

(name/you) receive in (fill first answer from Q61C or Q61Cs1) payments in 2019?

- Disability income source #1 (1-12; 1-52)

_____

Q61E1C

- Do not read to the respondent.
- The annual rate appears out of range. The total (fill from first answer in Q61c or Q61cs1) payments received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q61E13

According to my calculations (name/you) received $(total) altogether from (fill first answer from Q61C or Q61Cs1) payments in 2019. Does that sound about right?

1 Yes
2 No

Q61E14

What is your best estimate of the correct amount (name/you) received from (fill first answer from Q61C or Q61Cs1) payments during 2019?

- PREVIOUS ENTRIES: (amount)
  Q61E1P: (periodicity)
  Q61E12: (number of pay periods)
- Enter dollar amount

_____

Q61E2P

What is the easiest way for you to tell us (name's/your) (fill second answer from Q61C or Q61Cs1) payments; weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
7 Yearly

Q61E2

How much did (name/you) receive (weekly/every other week/ twice a month/ monthly) before deductions in (fill second answer from Q61C or Q61Cs1) payments in 2019?

- Enter dollar amount

_____

Q61e2rn1

Could you please tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

for the TOTAL amount (name/you) received in (fill second answer from Q61C or Q61Cs1) during 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q61e2rn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in (fill second answer from Q61C or Q61Cs1) during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q61E22

How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive in (fill second answer from Q61C or Q61Cs1) payments in 2019?

- Disability income payment source #2 (1-12; 1-52)

_____

Q61E2C

- Do not read to the respondent.
- The annual rate appears out of range. The total (fill from second answer in Q61c or Q61cs1) payments received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q61E23

According to my calculations (name/you) received $(total) altogether from (fill second answer from Q61C or Q61Cs1) payments in 2019. Does that sound about right?

1 Yes
2 No

Q61E24

What is your best estimate of the correct amount (name/you) received from (fill second answer from Q61C or Q61Cs1) payments during 2019?

- PREVIOUS ENTRIES: (amount)
  Q61E2P: (periodicity)
  Q61E22: (number of pay periods)

- Enter dollar amount

_____

5.8 VETERANS PAYMENTS (Amounts)

Q60V1P

What is the easiest way for you to tell us (name's/your) (fill from first answer in Q60c8); weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
7 Yearly

Q60V1

How much did (name/you) receive (weekly/every other week/ twice a month/monthly) before deductions in (fill from first answer in Q60c8) in 2019?

- Enter dollar amount

_____

Q60v1rn1

Could you please tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

for the TOTAL amount (name/you) received in (fill from first answer in Q60c8) during 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q60v1rn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in (fill from first answer in Q60c8) payments during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q60V12

How many (weekly/every other week/ twice a month/monthly) payments did (name/you) receive in (fill from first answer in Q60c8) in 2019?

- (1-52)

_____

Q60V1C

- Do not read to the respondent.
- The annual rate appears out of range. The total (fill from first answer in Q60c8) received

in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q60V13

According to my calculations (name/you fill) received $(total) altogether from (fill from first answer in Q60c8) in 2019. Does that sound about right?

1 Yes
2 No

Q60V14

What is your best estimate of the correct amount (name/you) received in Veteran's benefits during 2019?

- PREVIOUS ENTRIES: Q60V1: (amount)
  Q60V1P: (periodicity)
  Q60V12: (number of pay periods)
- Enter dollar amount

_____

Q60V2P

What is the easiest way for you to tell us (name's/your) (fill from second answer in Q60c8); weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
7 Yearly

Q60V2

How much did (name/you) receive (weekly/every other week/ twice a month/monthly) before deductions in (fill from second answer in Q60c8) in 2019?

- Enter dollar amount

_____

Q60v2rn1

Could you please tell me if (name/you) received

less than $10,000

between $10,000 and $20,000
or over $20,000

for the TOTAL amount (name/you) received in (fill from second answer in Q60c8) payments during 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q60v2rn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in (fill from second answer in Q60c8) payments during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q60V22

How many (weekly/every other week/ twice a month/monthly) payments did (name/you) receive in (fill from second answer in Q60c8) in 2019?

- (1-52)

_____

Q60V2C

- Do not read to the respondent.
- The annual rate appears out of range. The total (fill from second answer in Q60c8) received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q60V23

According to my calculations (name/you) received $(total) altogether from (fill from second answer in Q60c8) in 2019. Does that sound about right?

1 Yes
2 No

Q60V24

What is your best estimate of the correct amount (name/you) received in (fill from second answer in Q60c8) during 2019?

- PREVIOUS ENTRIES: Q60V2: (amount)
  Q60V2P: (periodicity)
  Q60V22: (number of pay periods)

- Enter dollar amount

_____

5.9 SURVIVOR BENEFITS – Amounts

Q58E1P

What is the easiest way for you to tell us (name's/your) (fill from first answer in Q58C or Q58Cs1) payments?

Weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
7 Yearly

Q58E1

How much did (name/you) receive (weekly/every other week/twice a month/ monthly) from (your/his/her) (fill from first answer in Q58C or Q58Cs1) in 2019?

- Enter dollar amount

_____

Q58e1rn1

Could you please tell me if (name/you) received

less than $10,000
between $10,000 and $20,000

or over $20,000

for the TOTAL amount (name/you) received from (your/his/her) (fill from first answer in Q58C or Q58Cs1) payments during 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q58e1rn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

from (you/his/her) (fill from first answer in Q58C or Q58Cs1) payments during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q58E12

How many (weekly/every other week/twice a month/monthly) payments did (name/you) receive in (fill from first answer in Q58C or Q58Cs1) in 2019?

- (1-52)

_____

Q58E1C

- Do not read to the respondent.
- The annual rate appears out of range. The total (fill from first answer in Q58C or Q58Cs1) received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q58E13

According to my calculations (name/you) received $(total) altogether from (fill from first answer in Q58C or Q58Cs1) in 2019. Does that sound about right?

1 Yes
2 No

Q58E14

What is your best estimate of the correct amount (name/you) received from (your/his/her) (fill from first answer in Q58C or Q58Cs1) payments during 2019?

- PREVIOUS ENTRIES: Q58E1: (amount)
  Q58E1P: (periodicity)
  Q58E12: (number of pay periods)
- Enter dollar amount

_____

Q58E2P

What is the easiest way for you to tell us (name's/your) (fill from second answer in Q58C or Q58Cs1) payments?

Weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
7 Yearly

Q58E2

How much did (name/you) receive (weekly/every other week/twice a month/ monthly) in (fill from second answer in Q58C or Q58Cs1) in 2019?

- Enter dollar amount

_____

Q58e2rn1

Could you please tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

for the TOTAL amount (name/you) received from (your/his/her) (fill from second answer in Q58C or Q58Cs1) payments during 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q58e2rn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

from (your/his/her) (fill from second answer in Q58C or Q58Cs1) payments during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q58E22

How many (weekly/every other week/twice a month/monthly) payments did (name/you) receive from (your/his/her) (fill from second answer in Q58C or Q58Cs1) in 2019?

- (1-52)

_____

Q58E2C

- Do not read to the respondent.
- The annual rate appears out of range. The total (fill from second answer in Q58C or Q58Cs1) received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q58E23

According to my calculations (name/you) received $(total) altogether from (your/his/her) (fill from second answer in Q58C or Q58Cs1) payments in 2019.

Does that sound about right?

1 Yes
2 No

Q58E24

What is your best estimate of the correct amount (name/you) received from (your/his/her) (fill from second answer in Q58C or Q58Cs1) payments during 2019?

- PREVIOUS ENTRIES: Q58E2: (amount)
  Q58E2P: (periodicity)
  Q58E22: (number of pay periods)

- Enter dollar amount

_____

Q58E3P

What is the easiest way for you to tell us (name's/your) (fill from third answer in Q58C or Q58Cs1); weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
7 Yearly

Q58E3

How much did (name/you) receive (weekly/every other week/twice a month/ monthly) in (fill from third answer in Q58C or Q58Cs1) in 2019?

- Enter dollar amount

_____

Q58e3rn1

Could you please tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

for the TOTAL amount (name/you) received from (your/his/her) (fill from third answer in Q58C or Q58Cs1) payments during 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q58e3rn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

from (your/his/her) (fill from third answer in Q58C or Q58Cs1) payments during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q58E32

How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive from (your/his/her) (fill from third answer in Q58C or Q58Cs1) in 2019?

- (1-52)

_____

Q58E3C

- Do not read to the respondent.
- The annual rate appears out of range. The total (fill from third answer in Q58C or Q58Cs1) received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q58E33

According to my calculations (name/you) received (total) altogether from (your/his/her) (fill from third answer in Q58C or Q58Cs1) payments in 2019. Does that sound about right?

1 Yes
2 No

Q58E34

What is your best estimate of the correct amount (name/you) received from (your/his/her) (fill from third answer in Q58C or Q58Cs1) payments during 2019?

- PREVIOUS ENTRIES: Q58E3: (amount)
  Q58E3P: (periodicity)
  Q58E32: (number of pay periods)

- Enter dollar amount

_____

5.10 PUBLIC ASSISTANCE (Amounts)

Q59ep

What is the easiest way for you to tell us (name's/your) TOTAL CASH assistance payments from (fill from Q59C8r); Is it weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
7 Yearly

Q59e

During 2019, how much TOTAL CASH assistance did (name/you) receive (per week/every other week/twice a month/monthly): (fill from Q59C8r)?

- Enter dollar amount

_____

Q59ern1

Could you tell me if (name/you) received

less than $1,000
between $1,000 and $3,000
or over $3,000

in TOTAL CASH assistance payments in 2019?

1 Less than $1,000
2 Between $1,000 and $3,000
3 Over $3000

Q59ern2

Did (name/you) receive

less than $100
between $100 and $500
or over $500

in TOTAL CASH assistance payments in 2019?

1 Less than $100
2 Between $100 and $500
3 Over $500

Q59e2

How many (weekly/every other week/ twice a month/ monthly) cash assistance payments did (name/you) receive in 2019?

- (1-12/1-24/1-26/1-52)

_____

Q59eC2

- Do not read to the respondent.
- The annual rate appears out of range. The total cash assistance received in 2019 was $(amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q59e3

According to my calculations (name/you) received $(total) altogether in cash assistance from a state or county program in 2019. Does that sound about right?

1 Yes
2 No

Q59e4

What is your best estimate of the correct amount of cash assistance (name/you) received during 2019?

- PREVIOUS ENTRIES: Q59e: (amount)
  Q59ep: (periodicity)
  Q59e2: (number of pay periods)

- Enter dollar amount

_____

Q59f

Was the cash assistance for adults AND children in the household, or JUST children?

1 Both adults AND children
2 Children only
3 Adults only

Q59g

(Who/Which children) in your household was the cash assistance for?

- Probe: Anyone Else?
- Enter all that apply, separate using the space bar or a comma.
- Enter 0 if none listed
- Enter 96 for all persons

5.11 FOOD STAMPS/SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM (SNAP) (Amounts)

Q90p

What is the easiest way for you to tell us the value of the food assistance: monthly or yearly?

1 Monthly
2 Yearly
3 Already included with TANF/AFDC payment

Q90

What is the (monthly) value of the food assistance received in 2019?

- Enter dollar amount

_____

Q90rn1

Could you tell me if the value of food assistance received in 2019 was

less than $1,000
between $1,000 and $3,000
or over $3,000

1 Less than $1,000
2 Between $1,000 and $3,000
3 Over $3000

Q90rn2

Was the value

less than $100
between $100 and $500
or over $500

in food assistance in 2019?

1 Less than $100
2 Between $100 and $500
3 Over $500

Q902

How many months was food assistance received in 2019?

- (1-12)

_____

Q90C2

- Do not read to the respondent.
- The annual rate appears out of range. The total food assistance payments received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q903

According to my calculations $(total) was received altogether from food assistance in 2019. Does that sound about right?

1 Yes
2 No

Q904

What is your best estimate of the correct amount of food assistance received during 2019?

- PREVIOUS ENTRIES: Q90: (amount)
  Q90p: (periodicity)
  Q902: (number of pay periods)

- Enter dollar amount

_____

5.12 PENSIONS (Amounts)

Q62E1PR

What is the easiest way for you to tell us (name's/your) (first answer fill-in from Q62CR/Q62cS1); weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
7 Yearly

Q62E1R

How much did (name/you) receive (weekly/every other week/ twice a month/ monthly) in (first answer fill-in from Q62CR/Q62cS1) in 2019?

- Enter dollar amount

_____

Q62E1rn1

Could you tell me if (you/name) received

less than $10,000
between $10,000 and $20,000
or over $20,000

in (first answer fill-in from Q62CR/Q62cS1) in 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q62E1rn2

Did (you/name) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in (first answer fill-in from Q62CR/Q62cS1) in 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q62E12R

How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive in (first answer fill-in from Q62CR/Q62cS1) in 2019?

- Pension/Retirement #1 (1-12; 1-52)

_____

Q62E1CR

- Do not read to the respondent.
- The annual rate appears out of range. The total (fill from first answer in Q62CR/Q62cS1) payments received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q62E13R

According to my calculations (name/you) received (total) dollars altogether from (first answer fill-in from Q62CR/Q62cS1) in 2019. Does that sound about right?

1 Yes
2 No

Q62E14R

What is your best estimate of the correct amount (name/you) received in (first answer fill-in from Q62CR/Q62cS1) during 2019?

- PREVIOUS ENTRIES: Q62E1: (amount)
  Q62E1P: (periodicity)
  Q62E12: (number of pay periods)
- Enter dollar amount

_____

Q62E2PR

What is the easiest way for you to tell us (name's/your) (second answer fill-in from Q62CR/Q62cS1); weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
7 Yearly

Q62E2R

How much did (name/you) receive (weekly/every other week/ twice a month/ monthly) in (second answer fill-in from Q62CR/Q62cS1) in 2019?

• Enter dollar amount

_____

Q62E2rn1

Could you please tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

in (second answer fill-in from Q62CR/Q62cS1) payments in 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q62E2rn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in (second answer fill-in from Q62CR/Q62cS1) in 2019?

1 Less than $1,000
2 Between $1,000 and $5,000

3 Over $5,000

Q62E22R

How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive in (second answer fill-in from Q62CR/Q62cS1) in 2019?

- Pension/Retirement #1 (1-12; 1-52)

_____

Q62E2CR

- Do not read to the respondent.
- The annual rate appears out of range. The total (fill from second answer in Q62CR/Q62cS1) payments received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q62E23R

According to my calculations (name/you) received $(total) dollars altogether from (second answer fill-in from Q62CR/Q62cS1) in 2019. Does that sound about right?

1 Yes
2 No

Q62E24R

What is your best estimate of the correct amount (name/you) received in (second answer fill-in from Q62CR/Q62cS1) during 2019?

- PREVIOUS ENTRIES: Q62E1: (amount)
  Q62E1P: (periodicity)
  Q62E12: (number of pay periods)

- Enter dollar amount

_____

5.13 ANNUITIES (Amounts)

ANNNEW1

What is the easiest way for you to tell us (name/your) annuity income; weekly, every other week, twice a month, monthly, or yearly?

1 Weekly

2 Every other week
3 Twice a month
4 Monthly
7 Yearly

ANNNEW2

How much did (name/you) receive (weekly/every other week/twice a month/ monthly) in annuities in 2019?

• Enter dollar amount

_____

ANNNEWrn1

Could you tell me if (name/you) received

less than $10,000
between $10,000 and $20,000
or over $20,000

in annuity payments in 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

ANNNEWrn2

Did (name/you) receive

less than $1,000
between $1,000 and $5,000
or over $5,000

in annuity payments in 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

ANNNEW3

How many (weekly/every other week/ twice a month/monthly) payments did (name/you) receive in 2019?

• (1-12; 1-52)

_____

ANNNEW4

According to my calculations (name/you) received $(total) dollars altogether from annuities in 2019. Does that sound about right?

1 Yes
2 No

ANNNEW5

What is your best estimate of the correct amount (name/you) received in annuities in 2019?

• Enter dollar amount

_____

5.14 WITHDRAWALS/DISTRIBUTIONS FROM RETIREMENT PLAN (Amounts)

DISTNEW1

What is the easiest way for you to tell us the amount of money withdrawn or distributed from (name's/your) (1st account type fill-in from Q97CR or Q97DR) in 2019: monthly, quarterly, every 6 months, or yearly?

4 Monthly
5 Quarterly
6 Every 6 months
7 Yearly

DISTNEW2

How much was (name's/your) withdrawal or distribution (weekly/every other week/ twice a month/ monthly) from (1st account type fill-in from Q97CR or Q97DR) in 2019?

• Enter dollar amount

_____

DISTNEW3

How many (monthly/quarterly) withdrawals did (name/you) make or distributions did (name/you) receive in 2019 from the (1st account type fill-in from Q97CR or Q97DR)?

- Valid entries are 1-12 if monthly; 1-4 if quarterly; 1-2 if every six months

DISTNEWrn1

Could you please tell me if (name's/your) withdrawal or distribution was

less than $10,000
between $10,000 and $20,000
or over $20,000

from (your/his/her) (1st account type fill-in from Q97CR or Q97DR) in 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

DISTNEWrn2

Was (name's/your) withdrawal or distribution

less than $1,000
between $1,000 and $5,000
or over $5,000

from (your/his/her) (1st account type fill-in from Q97CR or Q97DR) in 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

DISTNEW4

According to my calculations (name/you) withdrew or received a distribution of $(total) altogether from the (1st account type fill-in from Q97CR or Q97DR) in 2019. Does that sound about right?

1 Yes
2 No

DISTNEW5

What is your best estimate of the correct amount (name/you) withdrew or the distribution received from the (1st account type fill-in from Q97CR or Q97DR) during 2019?

- Enter dollar amount

_____

ROLLA

Did (you/name) re-invest or "roll over" any of the money into an IRA or some other kind of retirement plan?

1 Yes
2 No

ROLLAMTA

How much did (you/name) re-invest or "roll over" into an IRA or some other kind of retirement plan in 2019?

- Enter dollar amount
- Dollar amount should not exceed amount of withdrawals reported.
- Amount of withdrawals reported: $(amount)

_____

ROLLB

(Do/Does) (you/name) plan to re-invest or roll over any of the money?

1 Yes
2 No

ROLLAMTB

How much (do/does) (you/name) plan to re-invest or "roll over" into an IRA or some other kind of retirement plan?

- Enter dollar amount
- Dollar amount should not exceed amount of withdrawals reported.
- Amount of withdrawals reported: $(amount)

_____

DISTNEW6

What is the easiest way for you to tell us the amount of money withdrawn or distributed from (name's/your) (2nd account type fill-in from Q97CR or Q97DR) in 2019: monthly, quarterly, every 6 months, or yearly?

4 Monthly
5 Quarterly
6 Every 6 months
7 Yearly

DISTNEW7

How much was (name's/your) withdrawal or distribution (weekly/every other week/ twice a month/ monthly) from (your/his/her) (2nd account type fill-in from Q97CR or Q97DR) in 2019?

• Enter dollar amount

_____

DISTNEW8

How many (monthly/quarterly) withdrawals did (name/you) make or distributions did (name/you) receive in 2019 from the (2nd account type fill-in from Q97CR or Q97DR)?

(1-12), (1-4), (1-2)

DISTNEWrn3

Could you please tell me if (name's/your) withdrawal or distribution was

less than $10,000
between $10,000 and $20,000
or over $20,000

from (your/his/her) (2nd account type fill-in from Q97CR or Q97DR) in 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

DISTNEWrn4

Was (name's/your) withdrawal or distribution

less than $1,000
between $1,000 and $5,000
or over $5,000

from (your/his/her) (2nd account type fill-in from Q97CR or Q97DR) in 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

DISTNEW9

According to my calculations (name/you) withdrew or received a distribution of $(total) altogether from the (2nd account type fill-in from Q97CR or Q97DR) in 2019. Does that sound about right?

1 Yes
2 No

DISTNEW10

What is your best estimate of the correct amount (name/you) withdrew or the distribution received from the (2nd account type fill-in from Q97CR or Q97DR) during 2019?

- Enter dollar amount

_____

ROLLC

Did (you/name) re-invest or "roll over" any of the money into an IRA or some other kind of retirement plan?

1 Yes
2 No

ROLLAMTC

How much did (you/name) re-invest or "roll over" into an IRA or some other kind of retirement plan in 2019?

- Enter dollar amount
- Dollar amount should not exceed amount of withdrawals reported.
- Amount of withdrawals reported: $(amount)

_____

ROLLD

(Do/Does) (you/name) plan to re-invest or roll over any of the money?

1 Yes
2 No

ROLLAMTD

How much (do/does) (you/name) plan to re-invest or "roll over" into an IRA or some other kind of retirement plan?

- Enter dollar amount
- Dollar amount should not exceed amount of withdrawals reported.
- Amount of withdrawals reported: $(amount)

_____

5.15 INTEREST/DIVIDENDS ON RETIREMENT ACCOUNTS (Amounts)

RETIRENEW1

Within the (1st account type fill-in from Q97CR/Q97DR) account, how much did (name/you) earn in interest or dividends during 2019? Please include small amounts reinvested or credited to the account.

- Enter dollar amount

_____

RETIRENEWrn1

Could you tell me if (name/you) earned

less than $1,000
between $1,000 and $3,000
or over $3,000

in interest or dividends from (your/his/her) (1st account type fill-in from Q97CR/Q97DR) during 2019?

1 Less than $1,000
2 Between $1,000 and $3,000
3 Over $3,000

RETIRENEWrn2

Did (name/you) earn

less than $100
between $100 and $500
or over $500

in interest or dividends from (your/his/her) (1st account type fill-in from Q97CR/Q97DR) during 2019?

1 Less than $100
2 Between $100 and $500
3 Over $500

RETIRENEW2

The Census Bureau can estimate the amount earned in this account based on the size of the account. So can you tell me how much money was in (name's/your) (1st account type fill-in from Q97CR/Q97DR) account at the end of 2019?

• Enter dollar amount

_____

RETIRENEW3

Within the (2nd account type fill-in from Q97CR/Q97DR) account, how much did (name/you) earn in interest or dividends during 2019? Please include small amounts reinvested or credited to the account.

• Enter dollar amount

_____

RETIRENEWrn3

Could you tell me if (name/you) earned

less than $1,000
between $1,000 and $3,000
or over $3,000

in interest or dividends from (your/his/her) (2nd account type fill-in from Q97CR/Q97DR) during 2019?

4 Less than $1,000

5 Between $1,000 and $3,000
6 Over $3,000

RETIRENEWrn4

Did (name/you) earn

less than $100
between $100 and $500
or over $500

in interest or dividends from (your/his/her) (2nd account type fill-in from Q97CR/Q97DR) during 2019?

4 Less than $100
5 Between $100 and $500
6 Over $500

5.16 INTEREST/DIVIDENDS ON NON-RETIREMENT ACCOUNTS (Amounts)

NONRETIRENEW(1-7)1

How much did (you/name) receive in (interest/dividends) from [fill-in from Q99AR or Q99BR] during 2019, including even small amounts reinvested or credited to accounts?

- If a joint account please split interest income in half for each person.
- Enter dollar amount

_____

NONRETIRENEW(1-7)rn1

Could you tell me if (you/name) received:

less than $1,000
between $1,000 and $3,000
or over $3,000

in (interest/dividends) from [fill-in from Q99AR or Q99BR] during 2019?

1 Less than $1,000
2 Between $1,000 and $3,000
3 Over $3,000

NONRETIRENEW(1-7)rn2

Did (you/name) receive:

less than $100
between $100 and $500
or over $500

in (interest/dividends) from [fill-in from Q99AR or Q99BR] during 2019?

1 Less than $100
2 Between $100 and $500
3 Over $500

NONRETIRENEW(1-7)2

The Census Bureau can estimate the amount earned in this account based on the size of the account. How much money did (you/name) have in [fill-in from Q99AR or Q99BR] at the end of 2019?

• Enter dollar amount

_____

Q63(c-i)p

• Read if necessary

Is this a weekly, every other week, twice a month, monthly, quarterly, every 6 months, or yearly amount?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
5 Quarterly
6 Every 6 months
7 Yearly

Q63(c-i)2

How many (weekly/ every other week/ twice a month/ monthly/ quarterly/ every 6 months) payments did (you/name) receive in interest/dividend income in 2019 from [fill-in from Q99AR or Q99BR]?

_____

Q63(c-i)3

According to my calculations (you/name) received $(total) from interest/dividend income from [fill-in from Q99AR or Q99BR] in 2019. Does that sound about right?

1 Yes
2 No

Q63(c-i)4

What is your best estimate of the correct amount (you/NAME) received from interest payments during 2019?

- PREVIOUS ENTRIES: Q63(c-i): (amount)
  Q63(c-i)p: (periodicity)
  Q63(c-i)2: (number of pay periods)

- Enter dollar amount

_____

CAPGDAMT

How much did (you/name) receive in capital gains in 2019?

- Enter dollar amount

_____

CAPGDAMTrn1

Could you tell me if (name/you) received:

less than $10,000
between $10,000 and $20,000
or over $20,000

in capital gains during 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

CAPGDAMTrn2

Did (name/you) receive:

less than $1,000
between $1,000 and $5,000

or over $5,000

in capital gains distributions during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

5.17 PROPERTY INCOME (Amounts)

Q65c

How much did (name/you) receive in income from rent (, roomers or boarders, estates, trusts, or royalties/, roomers or boarders, or royalties/, estates or trusts fill from Q65A1-3) AFTER EXPENSES during 2019?

- Separate amounts for joint ownership
- If response is "Broke Even" then enter 1.
- Enter dollar amount
- If already included in amount reported for another household member, press Enter
- If response is "None" or "Lost Money" press <Enter> key

_____

Q65c_Char

- Enter "A" for Already included
- Enter "L" for Lost Money
- Enter "X" for None

_____

Q65cL

- Enter amount of money lost in 2019.

_____

Q65crn1

Could you please tell me if (name/you) received:

less than $10,000
between $10,000 and $20,000
or over $20,000

for the TOTAL amount (name/you) received in income from rent (roomers or boarders, estates, trusts, or royalties/, roomers or boarders, or royalties/, estates or

trusts fill from Q65A1-3) AFTER EXPENSES during 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q65crn2

Did (name/you) receive:

less than $1,000
between $1,000 and $5,000
or over $5,000

in income from rent (roomers or boarders, estates, trusts, or royalties/, roomers or boarders, or royalties/, estates or trusts fill from Q65A1-3) AFTER EXPENSES during 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q65cp

Is this a weekly, every other week, twice a month, monthly, quarterly, or yearly amount?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
5 Quarterly
7 Yearly

Q65c2

What is your best estimate of (name's/your) ANNUAL net income from rent (roomers or boarders, estates, trusts, or royalties/, roomers or boarders, or royalties/, estates or trusts) AFTER EXPENSES in 2019?

- PREVIOUS ENTRIES: Q65c: (amount)
  Q65cp: (periodicity)

- Enter dollar amount

_____

Q65cC2

- Do not read to the respondent.
- The annual rate appears out of range. The total income received from rent (roomers or boarders, estates, trusts, or royalties) was (amount) in 2019. Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q65c2L

What is your best estimate of (name's/your) ANNUAL LOSS from rent (roomers or boarders, estates, trusts, or royalties/, roomers or boarders, or royalties/, estates or trusts fill from Q65A1-3) AFTER EXPENSES in 2019?

- PREVIOUS ENTRIES: Q65cL: (amount)
  Q65cp: (periodicity)

- Enter dollar amount

_____

5.18 EDUCATIONAL ASSISTANCE (Amounts)

Q69F88

How much did (name/you) receive in Pell Grants during 2019?

- Enter annual amount only

_____

Q69Frn1

Could you please tell me if (name/you) received:

less than $1,000
between $1,000 and $3,000
or over $3,000

for the TOTAL amount (name/you) received in Pell Grants during 2019?

1 Less than $1,000
2 Between $1,000 and $3,000
3 Over $3,000

Q69Frn2

Did (name/you) receive:

less than $100
between $100 and $500
or over $500

in Pell Grants during 2019?

1 Less than $100
2 Between $100 and $500
3 Over $500

Q66HP

What is the easiest way for you to tell us (name's/your) (other/blank) educational assistance during 2019; weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week (bi-weekly)
3 Twice a month
4 Monthly
7 Yearly

Q66H

(Aside from the Pell Grant assistance, how/How) much did (name/you) receive (weekly/every other week/ twice a month/ monthly/) in educational assistance during 2019?

• Enter dollar amount
_____

Q66H2

How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive in educational assistance in 2019?

• (1-12/1-24/1-26/1-52)
_____

Q66Hrn1

Could you please tell me if (name/you) received:

less than $1,000
between $1,000 and $3,000

or over $3,000

for the TOTAL amount (name/you) received in educational assistance during 2019?

1 Less than $1,000
2 Between $1,000 and $3,000
3 Over $3,000

Q66Hrn2

Did (name/you) receive:

less than $100
between $100 and $500
or over $500

in educational assistance during 2019?

1 Less than $100
2 Between $100 and $500
3 Over $500

Q66HC2

- Do not read to the respondent.
- The annual rate appears out of range. The total educational assistance received in 2019 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q66H3

According to my calculations (name/you) received $(total) altogether from educational assistance in 2019. Does that sound about right?

1 Yes
2 No

Q66H4

What is your best estimate of the correct amount (name/you) received from educational assistance during 2019?

- Previous entries: Q66h: (amount)
  Q66hp: (periodicity)
  Q66h2: (number of pay periods)

- Enter dollar amount

_____

5.19 CHILD SUPPORT (Amounts)

Q70cp

What is the easiest way for you to tell us (name's/your) child support payments; weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week (bi-weekly)
3 Twice a month
4 Monthly
7 Yearly

Q70c

How much did (name/you) receive (weekly/ every other week/ twice a month/ monthly) in child support payments in 2019?

- Enter dollar amount

_____

Q70c2

How many (weekly/every other week/ twice a month/ monthly) child support payments did (name/you) receive in 2019?

- (1-12/1-24/1-26/1-52)

_____

Q70c1rn1

Could you please tell me if (name/you) received:

less than $10,000
between $10,000 and $20,000
or over $20,000

for the TOTAL amount (name/you) received in child support payments in 2019?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q70c1rn2

Did (name/you) receive:

less than $1,000
between $1,000 and $5,000
or over $5,000

in child support payments in 2019?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q70cC2

- Do not read to the respondent.
- The annual rate appears out of range. The total child support payments received in 2019 was $(amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q70c3

According to my calculations (name/you) received $(total) altogether from child support payments in 2019. Does that sound about right?

1 Yes
2 No

Q70c4

What is your best estimate of the correct amount (name/you) received from child support payments during 2019?

- PREVIOUS ENTRIES: Q70c: (amount)
  Q70cp: (periodicity)
  Q70c2: (number of pay periods)

- Enter dollar amount

_____

5.20 REGULAR FINANCIAL ASSISTANCE (Amounts)

Q72cp

What is the easiest way for you to tell us (name's/your) regular financial assistance; weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week (bi-weekly)
3 Twice a month
4 Monthly
7 Yearly

Q72c

How much did (name/you) receive (weekly/every other week/twice a month/ monthly) in regular financial assistance in 2019?

- Enter dollar amount

_____

Q72c2

How many (weekly/every other week/twice a month/monthly) payments did (name/you) receive in regular financial assistance in 2019?

- (1-12/1-24/1-26/1-52)

_____

Q72crn1

Could you please tell me if (name/you) received:

less than $1,000
between $1,000 and $3,000
or over $3,000

in regular financial assistance in 2019?

1 Less than $1,000
2 Between $1,000 and $3,000
3 Over $3,000

Q72crn2

Did (name/you) receive

less than $100
between $100 and $500
or over $500

in regular financial assistance in 2019?

1 Less than $100
2 Between $100 and $500
3 Over $500

Q72cC2

- Do not read to the respondent.
- The annual rate appears out of range. The total regular financial assistance payments received in 2019 was $(amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q72c3

According to my calculations (name/you) received $(total) altogether from regular financial assistance in 2019. Does that sound about right?

1 Yes
2 No

Q72c4

What is your best estimate of the correct amount (name/you) received from regular financial assistance during 2019?

- PREVIOUS ENTRIES: Q72c: (amount)
  Q72cp: (periodicity)
  Q72c2: (number of pay periods)

_____

5.21 OTHER MONEY INCOME (Amounts)

Q731P

What is the easiest way for you to tell us (name's/your) income from (fill from Q73A1Rc);

weekly, every other week, twice a month, monthly, or yearly?

1 Weekly

2 Every other week (bi-weekly)
3 Twice a month
4 Monthly
7 Yearly

Q731

How much did (name/you) receive (weekly/every other week/twice a month/ monthly) in income from (fill from Q73A1Rc) during 2019?

- Enter dollar amount

_____

Q7312

How many (weekly/every other week/twice a month/monthly) payments did (name/you) receive in income from (fill from Q73A1Rc) during 2019?

- (1-12/1-24/1-26/1-52)

_____

Q73rn1

Could you please tell me if (name/you) received:

less than $1,000
between $1,000 and $3,000
or over $3,000

in income from (Alaska Permanent Fund Dividend/fill-in from Q73a1Rc)?

1 Less than $1,000
2 Between $1,000 and $3,000
3 Over $3,000

Q73rn2

Did (name/you) receive:

less than $100
between $100 and $500
or over $500

in income from (Alaska Permanent Fund Dividend/fill-in from Q73a1Rc)?

1 Less than $100

2 Between $100 and $500
3 Over $500

Q731C2

- Do not read to the respondent.
- The annual rate appears out of range. The total income from (fill from Q73A1Rc) in 2019 was $(amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q7313

According to my calculations (name/you) received $(total) altogether from (Alaska Permanent Fund Dividend/fill-in from Q73a1Rc) in 2019.

Does that sound about right?

1 Yes
2 No

Q7314

What is your best estimate of the correct amount (name/you) received in income from (Alaska Permanent Fund Dividend/fill-in from Q73a1Rc) in 2019?

- PREVIOUS ENTRIES: Q731: (amount)
  Q731P: (periodicity)
  Q7312: (number of pay periods)

- Enter dollar amount

_____

5.22 CONTRIBUTIONS TO RETIREMENT ACCOUNTS (Amounts)

CONTRIB1

Earlier we recorded that (you/name) (have/has) a retirement account, such as a 401(k), 403(b), IRA, or other account designed specifically for retirement savings.

Did (you/he/she) contribute any money to (your/his/her) plan(s), for example, through payroll deductions?

(Do not include amounts reinvested or "rolled over" from other retirement accounts.)

1 Yes
2 No

CONTRIB2

How much did (you/he/she) contribute to (your/his/her) account(s) in 2019?

- Total contributions to all accounts.

_____

6 HEALTH INSURANCE

6.1 INTRODUCTION TO HEALTH INSURANCE SECTION

HINTRO

These next questions are about health coverage between January 1, 2019 and now.

- Press 1 to Continue

1 Enter 1 to Continue

PINTRO

(First/Next) I'm going to ask about (name's/your) health coverage.

- Press 1 to Continue

1 Enter 1 to Continue

FHINTRO

Next, I'm going to ask about (name's/your) health coverage.

- Press 1 to Continue

6.2 CURRENT COVERAGE

MCARE1

?[F1]

Medicare is health insurance for people 65 years and older and people under 65 with disabilities. (Is/Are) (name/you) NOW covered by Medicare?

- Code Medicare Parts A, B, and C and Medicare Advantage as "Yes"

1 Yes
2 No

ANYCOV

(Does/Do) (name/you) NOW have any type of health plan or health coverage?

1 Yes
2 No

MEDI

?[F1]

(Are/Is/Was/Were) (name/you) covered by Medicaid, Medical Assistance, or (CHIP/or Medicare)?

1 Yes
2 No

OTHGOVT

(Is/Are) (name/you) NOW covered by a state or government assistance program that helps pay for healthcare, such as: State Medicaid, CHIP, Exchange/Portal, or other State Health program?

- Stop reading list if respondent says "YES"

1 Yes
2 No

VET

(Is/Are) (name/you) NOW covered by Veteran's Administration (VA) care?

1 Yes
2 No

VERIFY

I recorded that (name/you) (is/are) not currently covered by a health plan. Is that correct?

1 Yes, is NOT covered
2 No, is covered

6.3 TYPE OF COVERAGE

SRCEGEN

?[F1]

- ASK OR VERIFY

For the coverage (name/you) (has/have/had) NOW, (do/does/did) (he/she/you) get it through a job, the government or state, or some other way?

1. JOB	**2. GOVERNMENT OR STATE**	**3. OTHER WAY**
Former job/Retiree	Medical Assistance	Privately purchased
Union	Medicaid	Parent or spouse
Spouse/parent's job	Medicare (Parts A+B; Part C)	Medicare Supplements
Job with the government	Medicare Advantage	Exchange plan/Marketplace
COBRA	State-provided health coverage	Group or association
TRICARE/TRICARE For Life	VA Care/CHAMPVA/other military	School

- IF RESPONDENT CHOOSES MORE THAN ONE: Let's talk about one plan at a time. Which would you like to tell me about first?

[◆ If respondent is not covered, go back to VERIFY and select "Yes"]

1 Job (current or former)
2 Government or State
3 Some other way

SRCEDEPDIR

- ASK OR VERIFY

(Does/Do/Did) (name/you) get that coverage through a parent or spouse, (does/do/did) (he/she/you) buy it (himself/herself/yourself), or (does/did/do) (he/she/you) get it some other way?

1. PARENT OR SPOUSE	**2. BUY IT DIRECTLY**	**3. SOME OTHER WAY**
Parent	Buy it	Former employer
Spouse	Parent or spouse buys it	Group or association

Medicare Supplement Indian Health Service School

1 Parent or spouse
2 Buy it
3 Some other way

SRCEOTH

- ASK OR VERIFY

(Does/Do/Did) (name/you) get it through a former employer, a union, a group or association, the Indian Health Service, a school, or some other way?

1 Former employer
2 Union
3 Group or association
4 Indian Health Service
5 School
6 Some other way

JOBCOV

(Is/Was) that coverage related to a JOB with the government or state?

- READ IF NECESSARY: Include coverage through FORMER employers and unions, and COBRA plans.

1 Yes
2 No

MILPLAN

- ASK OR VERIFY

(Is/Was) that plan related to military service in any way?

- Examples of military plans include:
  - VA Care
  - TRICARE
  - TRICARE for Life
  - CHAMPVA
  - Other military care

1 Yes

2 No

GOVTYPE

?[F1]

- ASK OR VERIFY

(Is/Was) that coverage Medicaid, CHIP, Medicare, a plan through the military, or some other program?

- Code Medicare Parts A, B, and C and Medicare Advantage as "Medicare"

- IF RESPONDENT CHOOSES MORE THAN ONE: Let's talk about one plan at a time. Which would you like to tell me about first?

1 Medicaid or Medical Assistance
2 CHIP
3 Medicare
4 Military
5 Other

MILTYPE

- ASK OR VERIFY

(Is/Was) that plan through TRICARE, TRICARE for Life, CHAMPVA, VA Care, military health care, or something else?

1 TRICARE
2 TRICARE for Life
3 CHAMPVA
4 Veterans Administration (VA) care
5 Military health care
6 Other

POLHOLDER

- ASK OR VERIFY

Whose name (is/was) the policy in? (Who (is/was) the policyholder?)

1-16 Name on roster
17 Someone living outside the household

Enter persons line number (1-16), or 17 for person not in the household

SRCEPTSP

- ASK OR VERIFY

(Do/Did) they get that coverage through their job, (do/did) they buy it themselves, or (do/did) they get it some other way?

1 Job (current or former)
2 Buy it
3 Some other way

GOVPLAN

- ASK OR VERIFY

What do you call the program?

- IF RESPONDENT ANSWERS WITH INSURANCE COMPANY NAME: OK, so that would be the plan name. What do you call the program? Some examples of programs in (state) are [read full list below].

1 Medicaid
2 Medical Assistance
3 Indian Health Service (IHS)
4-12 State Medicaid Programs Names
13-15 State Exchange Programs Names
16 Plan through State Exchange Portal
17 Other government plan
18 Other (please specify)

MISCSPEC

Please Specify

Write in plan name

_____

PORTAL

- ASK OR VERIFY

(Is/Was) that coverage through (State Exchange Portal Name), which may also be known as (State Exchange Program Name 1, Name 2, Name 3)?

1 Yes
2 No

EXCHTYPE

- ASK OR VERIFY

What do you call it – State Exchange Program (Portal, Name 1, Name 2, Name 3)?

1-4 State Exchange Programs Names

HIPAID

(Does/Did) (your/policyholder name's/the policyholder's) employer or union pay for all, part, or none of the health insurance premium?

- Report here employer's contribution to employee's health insurance premiums, not the employee's medical bills.

1 All
2 Part
3 None

SHOP

Small businesses can offer health coverage to their employees through (State Exchange SHOP Portal Name). (Is/Was) the coverage at all related to (State Exchange SHOP Portal Name), (such as State SHOP Name 1, Name 2, Name 3)?

1 Yes
2 No

POLHOLDER2

- ASK OR VERIFY

Whose name (is/was) the policy in? (Who [is/was] the policyholder?)

1-16 Name on roster
17 Someone living outside the household

Enter persons line number (1-16), or 17 for person not in the household

PREMYN

Is there a monthly premium for this plan?

- A monthly premium is a fixed amount of money people pay each month to have health coverage. It does not include copays or other expenses such as prescription costs.

1 Yes
2 No

PREMSUBS

Is the cost of the premium subsidized based on (your/family) income?

- A monthly premium is a fixed amount of money people pay each month to have health coverage. It does not include copays or other expenses such as prescription costs.

- Subsidized health coverage is insurance with a reduced premium. Low and middle income families are eligible to receive tax credits that allow them to pay lower premiums for insurance bought through healthcare exchanges or marketplaces.

1 Yes
2 No

6.4 MONTHS OF COVERAGE

BEFORAFT

Did (name's/your) coverage from (plan type) start before January 1, 2019?

- READ IF NECESSARY: Your best estimate is fine.

- (READ IF NECESSARY: If (policyholder) switched employers or plans through (your/their) employer, consider it the same plan.)

- (READ IF NECESSARY: If (policyholder) switched plans that (you/he/she) (buy/buys), consider it the same plan.)

1 Yes
2 No

MNTHBEG1/2

In which month did (that/this) coverage start?

- READ IF NECESSARY: Your best estimate is fine.

- (READ IF NECESSARY: If (policyholder) switched employers or plans through (your/their) employer, consider it the same plan.)

- (READ IF NECESSARY: If (policyholder) switched plans that (you/he/she) (buy/buys), consider it the same plan.)

- This question refers to (plan type).

1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

YEARBEG

- ASK OR VERIFY

Which year was that?

- (READ IF NECESSARY: If (policyholder) switched employers or plans through (your/their) employer, consider it the same plan.)

- (READ IF NECESSARY: If (policyholder) switched plans that (you/he/she) (buy/buys), consider it the same plan.)

- This question refers to (plan type).

1 2019
2 2020

CNTCOV

Has it been continuous since (beginning month)?

- (READ IF NECESSARY: If (policyholder) switched employers or plans through (your/their) employer, consider it the same plan.)

- (READ IF NECESSARY: If (policyholder) switched plans that (you/he/she) (buy/buys), consider it the same plan.)
- READ IF NECESSARY: If the gap in coverage was less than 3 weeks, consider the coverage "continuous."
- This question refers to (plan type).

1 Yes
2 No

SPELLADD

I have recorded that (name/you) (was/were) covered by (plan type) in (months of coverage). Were there any OTHER months between January 2019 and now that (name/you) (was/were) also covered by (plan type)?

1 Yes
2 No

ANYTHIS

Which months (was/were) (name/you) covered by (plan type) THIS year -- in 2020?

1 January 2020
2 February 2020
3 March 2020
4 April 2020
20 All months of 2020
21 No months of 2020

ANYLAST

Which months (was/were) (name/you) covered by (plan type) LAST year -- in 2019?

1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October

11 November
12 December
20 All months from January 2019 until December 2019
21 No months from January 2019 until December 2019

WMNTHS

Which months between January 2019 and now (was/were) (name/you) covered by (plan type)?

1 January 2019
2 February 2019
3 March 2019
4 April 2019
5 May 2019
6 June 2019
7 July 2019
8 August 2019
9 September 2019
10 October 2019
11 November 2019
12 December 2019
13 January 2020
14 February 2020
15 March 2020
16 April 2020
20 All months from January 2019 until now
21 No months from January 2019 until now

6.5 OTHER HOUSEHOLD MEMBERS

OTHMEMB

Between January 1, 2019 and now, was anyone in the household other than (name/you) ALSO covered by (plan type)?

1 Yes
2 No

COVWHO

Who else was covered? Who else was covered by (plan type)?

- PROBE: Anyone else?

0 No one listed

1-16 Person 1 through 16's name
96 All persons listed

SAMEMNTHS

(Was/Were) (name/names) also covered from January 2019 until now?

- This question refers to (plan type)

1 All also covered from January 2019 until now
2 None covered from January 2019 until now

MNTHS_P(1-16)M

Which months between January 2019 and now was (NAME) covered? [How about (NAME)?]

- This question refers to (plan type)

1 January 2019
2 February 2019
3 March 2019
4 April 2019
5 May 2019
6 June 2019
7 July 2019
8 August 2019
9 September 2019
10 October 2019
11 November 2019
12 December 2019
13 January 2020
14 February 2020
15 March 2020
16 April 2020
20 All months from January 2019 until now
21 No months from January 2019 until now

OTHOUT

Does that plan cover anyone living outside this household?

- This question refers to (plan type)

1 Yes

2 No

OTHWHO

How old are they -- under 19, 19-25, or older than 25?

- Mark all that apply

1 Under 19
2 19-25 years old
3 Older than 25

6.6 ADDITIONAL PLANS

ADDGAP

So far, I have recorded that (name/you) (was/were) NOT covered in (months of no coverage). (Was/Were) (name/you) covered by any type of health plan or health coverage in (those months/that month)?

- READ IF NECESSARY: Do not include plans that cover only one type of care, such as dental or vision plans.

1 Yes
2 No

ADDOTH

Other than (plan type[s]), (was/were) (name/you) covered by any other type of health plan or health coverage AT ANY TIME between January 1, 2019 and now?

- READ IF NECESSARY: Do not include plans that cover only one type of care, such as dental or vision plans.

1 Yes
2 No

6.7 EMPLOYER-SPONSORED INSURANCE OFFERS AND TAKEUP

ESIINTRO

Earlier I recorded that (name/you) (is/are) employed but (does/do) not have health coverage through (his/her/your) job.

1 Enter 1 to continue

OFFER

Does (employer name) offer a health insurance plan to any of its employees?

1 Yes
2 No

COULD

Could (name/you) be in this plan if (he/she/you) wanted to?

1 Yes
2 No

WNTAKE

Why (aren't/isn't) (you/he/she) in this plan?

- Choose all that apply

1 Covered by another plan
2 Traded health insurance for higher pay
3 Too expensive
4 Don't need health insurance
5 Have a pre-existing condition
6 Haven't yet worked for this employer long enough to be covered
7 Contract or temporary employees not allowed in plan
8 Other/specify

WNTAKESPEC

Please specify other reason why not in the plan

WNELIG

Why not? Why can't (name/you) be in this plan if (he/she/you) wanted to?

- Choose all that apply

1 Don't work enough hours per week or weeks per year
2 Contract or temporary employees not allowed in plan
3 Haven't yet worked for this employer long enough to be covered
4 Have a pre-existing condition
5 Too expensive

6 Other/specify

WNELIGSPEC

Please specify other reason why not eligible.

_____

6.8 HEALTH STATUS

HealthStatus_Intro

An important factor in evaluating a person's or family's health insurance situation is their current health status and/or the current health status of other family members.

Enter 1 to Continue

HealthStatus

Would you say (name's/your) health in general is excellent, very good, good, fair, or poor?

1 Excellent
2 Very good
3 Good
4 Fair
5 Poor

6.9 MEDICAL EXPENDITURES

MedExp_Intro

Next I would like to ask about out-of-pocket medical expenses during 2019.

- Press 1 to Continue

1 Enter 1 to continue

HIPREM

[Earlier I recorded that (your/name's) employer or union did not pay for (your/his/her) entire health insurance premium.] Last year, how much did (you/name) pay out-of-pocket for ALL health insurance premiums [covering

(yourself/himself/herself) or others in the household]? Include both comprehensive and supplemental plans (such as vision and dental insurance).

[What about (you/name)?]

[DO NOT include the $(amount reported) per month from Medicare deductions from (Social Security/ Social Security Disability/ Social Security and Social Security Disability) payments mentioned earlier.]

- Enter dollar amount

_____

MEDAMT

?[F1]

Last year, how much was paid out-of-pocket for (your/name's) OWN medical care, such as copays for doctor and dentist visits, diagnostic tests, prescription medicine, glasses and contacts, and medical supplies?

[What about (you/name)? Last year, how much was paid out-of-pocket for (your/name's) OWN medical care, such as copays for doctor and dentist visits, diagnostic tests, prescription medicine, glasses and contacts, and medical supplies?]

Include any amount paid out-of-pocket on (your/his/her) behalf by anyone in this household.

- Enter dollar amount

_____

OTCMEDAMT

Last year, how much was paid out-of-pocket for (your/name's) non-prescription healthcare products such as vitamins, allergy and cold medicine, pain relievers, quit smoking aids, AND anything else not yet reported?

[What about (you/name)? Last year, how much was paid out-of-pocket for (your/name's) non-prescription healthcare products such as vitamins, allergy and cold medicine, pain relievers, quit smoking aids, AND anything else not yet reported?]

Include any amount paid out-of-pocket on (your/his/her) behalf by anyone in this household.

- Enter dollar amount

- If unsure of the amount, a best guess is acceptable.

_____

7 EMPLOYER'S PENSION PLAN

Q74a

Other than Social Security did (the/any) employer or union that (name/you) worked for in 2019 have a pension or other type of retirement plan for any of its employees?

1 Yes
2 No

Q74b

(Were/Was) (name/you) included in that plan?

1 Yes
2 No

8 LOW INCOME ITEMS

8.1 SCHOOL LUNCHES

Q80

During 2019 which of the children ages 5 to 18 in this household usually ate a complete lunch offered at school?

- Probe: Anyone else?
- Enter all that apply, separate using the space bar or a comma.
- Enter 96 for All
- Enter 0 for None

Q83

During 2019 which of the children in this household received free or reduced priced lunches because they qualified for the Federal School Lunch Program?

- Probe: Anyone else?
- Enter all that apply, separate using the space bar or a comma.
- Enter 96 for All
- Enter 0 for None

8.2 PUBLIC HOUSING

Q85

Is this public housing, that is, is it owned by a local housing authority or other public agency?

1 Yes
2 No

Q86

Are you paying lower rent because the Federal, State, or local government is paying part of the cost?

1 Yes
2 No

SPHS8

Is this through Section 8 or through some other government program?

1 Section 8
2 Some other government program
3 Not sure

8.3 WOMEN, INFANTS, AND CHILDREN NUTRITION PROGRAM (WIC)

SWRWIC

At any time during 2019, (was/were) (you/ anyone in this household) on WIC, the Women, Infants, and Children Nutrition Program?

1 Yes
2 No

SWRW

Who received WIC for themselves or on behalf of a child?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone else?

8.4 ENERGY ASSISTANCE

Q93

The government has an energy assistance program which helps pay heating and cooling costs. This assistance can be received directly by the household or it can be paid directly to the electric company, gas company, or fuel dealer.

In 2019, (did you/did this household) receive assistance of this type from the federal, state, or local government?

1 Yes
2 No

Q93pr1

Do you remember receiving an additional or unexpected check that was sent during the year to help pay heating or cooling costs?

1 Yes
2 No

Q93pr2

Was it used to pay heating costs?

1 Yes
2 No

Q94

Altogether, how much energy assistance has been received in 2019?

• Enter annual amount only

_____

Q94rn1

Could you tell me if you received:

less than $1,000
between $1,000 and $3,000
or over $3,000

in energy assistance during 2019?

1 Less than $1,000
2 Between $1,000 and $3,000
3 Over $3000

Q94rn2

Did you receive:

less than $100
between $100 and $500
or over $500

in energy assistance during 2019?

1 Less than $100
2 Between $100 and $500
3 Over $500

9 MIGRATION

9.1 5-YEAR MIGRATION

M5GSAM

(Were/Was) (reference person's name/you) living in this house (or apartment) five years ago?

1 Yes, this house (apt)
2 No, different house in U.S.
3 No, outside the U.S.

M5GPLC

Where did (reference person's name/you) live five years ago?

- Name of city/town/post office
- Current: (city)
- Enter correct city/town/post office or press ENTER for SAME

_____

M5GSTA

?[F1]

Where did (reference person's name/you) live five years ago?

- Name of State
- Current: (state)
- Enter W for person living on a ship at sea
- Enter correct State or press ENTER for SAME

_____

M5GZIP

Where did (reference person's name/you) live five years ago?

- Zip Code
- Current: (zip)
- Enter correct Zip Code or press ENTER for SAME

_____

M5GCLM

Did (reference person's name/you) live inside the city limits of (place name)?

1 Yes, inside city limits
2 No, outside city limits or post office name only

M5GCOU

What (county/parish) is (place name) in?

- Enter "IND CITY" if an independent city, not a county

_____

S_M5GCN1

What country did (reference person's name/you) live in one year ago?

M5GALL

There are (number) other persons in this household ages 5 years or over. Did all of these persons live with you in (City, State) five year ago?

M5GM

Which of the other members of this household did NOT live with (reference person's name/you) five years ago?

- PROBE: Anyone else?
- Enter all that apply, separate using the space bar or a comma.

Enter persons line number (1-16)

N5TSAM

Did (name/you) live in this house (apartment) five years ago?

1 Yes , this house
2 No, different house in U.S.
3 No, outside the U.S.

N5TPLC

Where did (name/you) live five years ago?

- Name of city/town/post office
- Current: (city) Enter correct city/town/post office or
- Press ENTER for SAME

_____

N5TSTA

?[F1]

Where did (name/you) live five years ago?

- Name of State
- Current: (state)
- Enter correct State or press ENTER for SAME

_____

N5TZIP

Where did (name/you) live five years ago?

- Zip Code Current: (zip)
- Enter correct zip code or
- Press ENTER for SAME

_____

N5TCLM

Did (name/you) live inside the city limits of (place name)?

1 Yes, inside city limits
2 No, outside city limits or post office name only

N5TCOU

What (county/parish) is (place name) in?

- Enter "IND CITY" if an independent city, not a county

_____

S_N5TCN1

What country did (name/you) live in five years ago?

9.2 1-YEAR MIGRATION

MIGSAM

(Were/Was) (you/reference person's name) living in this house (or apartment) one year ago?

1 Yes, this house (apt)
2 No, different house in U.S.
3 No, outside the U.S.

MIGPLC

Where did (reference person's name/you) live one year ago?

- Name of city/town/post office
- Current: (city)
- Enter correct city/town/post office or press ENTER for SAME

_____

MIGSTA

Where did (reference person's name/you) live one year ago?

- Name of State
- Current: (state)

- Enter W for person living on a ship at sea
- Enter correct State or press ENTER for SAME

_____

MIGZIP

Where did (reference person's name/you) live one year ago?

- Zip Code
- Current: (zip)
- Enter correct Zip Code or press ENTER for SAME

_____

MIGCLM

Did (reference person's name/you) live inside the city limits of (place name)?

1 Yes, inside city limits
2 No, outside city limits or post office name only

MIGCOU

What (county/parish) is (place name) in?

- Enter "IND CITY" if an independent city, not a county

_____

S_MIGCN1

What country did (reference person's name/you) live in one year ago?

MI1RES

What was (your/name's) main reason for moving to this house (apartment)?

- The answer categories are separated into the following groups:
  FAMILY-RELATED REASONS* 1-3
  EMPLOYMENT-RELATED REASONS 5-9
  HOUSING-RELATED REASONS 10-15
  OTHER REASONS 4, 16-20

*Family-related reasons only include family as defined by the Census Bureau. Family consists of people who are related by birth, marriage, or adoption.

1 change in marital status
2 to establish own household
3 other family reason (specify)

4 relationship with unmarried partner (boy/girlfriend, fiancé, etc.)
5 new job or job transfer
6 to look for work or lost job
7 to be closer to work/easier commute
8 retired
9 other job-related reason (specify)
10 wanted to own home, not rent
11 wanted newer/better/larger house or apartment
12 wanted better neighborhood/less crime
13 wanted cheaper housing
14 foreclosure/eviction
15 other housing reason (specify)
16 to attend or leave college
17 change of climate
18 health reasons
19 natural disaster (hurricane, tornado, etc.)
20 other reason (specify)

MI1s

What was the reason for moving?

_____

MIGALL

There are (number) other persons in this household ages 1 year or over.
Did (all of these persons/this person) live with (reference person's name/you) (in this house/in City, State/outside the U.S.) one year ago?

1 Yes, all lived with (reference person's name/you)
2 No, some or all did not live with (reference person's name/you)

MIGM

Which of the other members of this household did NOT live with (reference person's name/you) one year ago?

- PROBE: Anyone else?
- Enter all that apply, separate using the space bar or a comma.
- Enter Line Number(s)

NXTSAM

Did (name/you) live in this house (apartment) one year ago?

1 Yes , this house
2 No, different house in U.S.
3 No, outside the U.S.

NXTPLC

Where did (name/you) live one year ago?

- Name of city/town/post office
- Current: (city) Enter correct city/town/post office or
- Press ENTER for SAME

_____

NXTSTA

Where did (name/you) live one year ago?

- Name of State
- Current: (state)
- Enter correct State or press ENTER for SAME

_____

NXTZIP

Where did (name/you) live one year ago?

- Zip Code Current: (zip)
- Enter correct zip code or
- Press ENTER for SAME

_____

NXTCLM

Did (name/you) live inside the city limits of (place name)?

1 Yes, inside city limits
2 No, outside city limits or post office name only

NXTCOU

What (county/parish) is (place name) in?

- Enter "IND CITY" if an independent city, not a county

_____

S_NXTCN1

What country did (name/you) live in one year ago?

NX1RES

What was (name's/your) main reason for moving to this house (apartment)?

- The answer categories are separated into the following groups:
  FAMILY-RELATED REASONS* 1-3
  EMPLOYMENT-RELATED REASONS 5-9
  HOUSING-RELATED REASONS 10-15
  OTHER REASONS 4, 16-20

*Family-related reasons only include family as defined by the Census Bureau. Family are people who are related by birth, marriage, or adoption.

1 change in marital status
2 to establish own household
3 other family reason (specify)
4 relationship with unmarried partner (boy/girlfriend, fiancé, etc.)
5 new job or job transfer
6 to look for work or lost job
7 to be closer to work/easier commute
8 retired
9 other job-related reason (specify)
10 wanted to own home, not rent
11 wanted newer/better/larger house or apartment
12 wanted better neighborhood/less crime
13 wanted cheaper housing
14 foreclosure/eviction
15 other housing reason (specify)
16 to attend or leave college
17 change of climate
18 health reasons
19 natural disaster (hurricane, tornado, etc.)
20 other reason (specify)

NX1OTH

What was the reason for moving?

_____

SUNITS

◆ Ask if necessary

How many housing units are in your building?

1 Only one
2 Two
3 Three or four
4 Five to nine
5 Ten or more

10 SUPPLEMENTAL POVERTY MEASURE

10.1 PROPERTY VALUE/PRESENCE OF MORTGAGE

VALPROP

About how much do you think this (house and lot/apartment/mobile home) would sell for if it were for sale?

◆ Enter dollar amount

_____

VALPROPR

Could you tell me if you think this (house and lot/apartment/mobile home) would sell for:

less than $100,000
between $100,000 and $250,000
between $250,000 and $500,000
or $500,000 or more?

1 Less than $100,000
2 Between $100,000 and $250,000
3 Between $250,000 and $500,000
4 $500,000 or more

MORTYN

Not counting home equity loans, do you or any other member of this household have a mortgage, deed of trust, contract to purchase, or similar debt on THIS property?

1 Yes
2 No

SMORTYN

Do you or any member of this household have a second mortgage or a home equity loan on THIS property?

1 Yes, home equity loan.
2 Yes, second mortgage.
3 Yes, second mortgage and home equity loan.
4 No

10.2 CHILD CARE

Q95

Now we want to ask about some of your expenses for children.

Did (you/ anyone in this household) PAY for the care of (your/their) (child/children) while (you/they) worked in 2019?

- Include: All child care expenses including preschool and nursery school expenses, before and after school care, and summer care.
- Do not include: cost of kindergarten or grade/elementary school.

1 Yes
2 No

Q95A

Which children needed care while their parents worked?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone else?
- Enter 96 for All persons
- Enter 0 if none

CCFREQ

What is the easiest way for you to tell us how much was paid for child care while (you/they) worked in 2019: weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
7 Yearly

CCAMT

How much was paid (/weekly/every other week/twice a month/monthly) for child care?

- Include child care payments made for all children in the household.

- For example, if there are two adults in the household with childcare expenses use the total paid by both adults. Do not try to separate the payments. Record one total for the entire household.

_____

CCNUMPAY

How many (weekly/every other week/twice a month/monthly) payments did (you/they) make during 2019?

(1-52), (1-26), (1-24), (1-12)

_____

CCTOT

Then (you/they) paid $(amount) altogether in child care while (you/they) worked during 2019. Does that sound about right?

1 Yes
2 No

CCEST

What is your best estimate of the correct amount (you/they) paid for child care while (you/they) worked in 2019?

_____

10.3 CHILD SUPPORT PAID

CSPCHILD

(Do you/Does anyone in this household) have any children who lived elsewhere with

their other parent or guardian at anytime during 2019?

1 Yes
2 No

CSPWHO

Who had children who lived elsewhere? Anyone else?

- Enter line number
- Enter all that apply, separate using the space bar or a comma.

_____

CSPREQ

In 2019, did (name/you) pay any child support for children living elsewhere with their other parent or guardian?

1 Yes
2 No

CSPAMT

How much child support did (name/you) pay in 2019?

- Enter dollar amount

- COUNT ALL FORMS OF CHILD SUPPORTS PAYMENTS, INCLUDING:
  …PAYMENTS MADE DIRECTLY TO THE OTHER PARENT/GUARDIAN;
  …PAYMENTS MADE THROUGH A COURT OR AGENCY; AND
  …PAYMENTS WITHHELD FROM THIS PERSON'S PAYCHECK

Attachment A. Income Range Follow-up Questions

The three levels of income range follow-up questions are:

1) High-range income follow-up brackets:

   - Less than $45,000
   - Between $45,000 and $60,000
   - $60,000 or more

   If the respondent selects the lowest bracket (Less than $45,000), then the following ranges will be presented to the respondent:

   - Less than $15,000
   - Between $15,000 and $30,000
   - $30,000 or more

2) Mid-range income follow-up questions:

   - Less than $10,000
   - Between $10,000 and $20,000
   - $20,000 or more

   If the respondent selects the lowest bracket (Less than $10,000), then the following ranges will be presented to the respondent:

   - Less than $1,000
   - Between $1,000 and $5,000
   - $5,000 or more

3) Low-range income follow-up questions:

   - Less than $1,000
   - Between $1,000 and $3,000
   - $3,000 or more

   If the respondent selects the lowest bracket (Less than $1,000), then the following ranges will be presented to the respondent:

   - Less than $100
   - Between $100 and $500
   - $500 or more

Attachment B. Income Source and Follow-Up Question Range Level

The following table displays the income source and range level used in the follow-up range questions.

Source Screen	Income Source	Range Screen	Range Level
Q48AA	Earnings from Longest Job	PUQ48AARN1	High
Q48AAD	Longest Job: tips, bonuses, etc.	PUQ48AADRN1	Low
Q48B	Earnings from Business/ Farm	PUQ48BRN1	High
Q48BAD	Business/ Farm: tips, bonuses, etc.	PUQ48BADRN1	Low
Q49B1D	Earnings from All Other Employers	PUQ49B1DRN1	Mid
Q49B1A	All Other Employers: tips, bonuses, etc.	PUQ49B1ARN1	Low
Q49B2	Earnings from Any Other Business	PUQ49B2RN1	Mid
Q49B4	Earnings from Any Other Farm	PUQ49B4RN1	Mid
Q51A1	State or Federal Unemployment Compensation	PUQ51A11R1	Mid
Q51A2	Supplemental Unemployment Benefits	PUQ51A21R1	Mid
Q51A3	Union Unemployment or Strike Benefits	PUQ51A31R1	Mid
Q52A	Worker's Compensation	PUQ52CR1	Mid
Q56A	Social Security	PUQ656DRN1	Mid
Q56F	Social Security for Children	PUQ56IRN1	Mid
Q57A	Supplemental Security Income (SSI)	PUQ57CRN1	Mid
Q57D	SSI for Children	PUQ57IRN1C	Mid
Q59AR	Disability Income (source 1) Disability Income (source 2)	PUQ61E1RN1 PUQ61E2RN1	Mid
Q60A88	Veteran's Payments (source 1) Veteran's Payments (source 2)	PUQ60V1RN1 PUQ60V2RN1	Mid
Q58A	Survivor Benefits (source 1) Survivor Benefits (source 2) Survivor Benefits (source 3)	PUQ58E1RN1 PUQ58E2RN1 PUQ58E3RN1	Mid
Q59A88, Q59A89	Public Assistance/ TANF	PUQ59ERN1	Low
Q87R, Q87AR	Food Assistance/ SNAP	HUQ90RN1	Low
Q62AR	Pensions (source 1) Pensions (source 2)	PUQ62E1RN1 PUQ62E2RN1	Mid
Q96AR	Annuities	PUANNEWRN1	Mid
Q98Ar	Retirement Withdrawals/Distributions (source 1) Retirement Withdrawals/Distributions (source 2)	PUDSTNEWR1 PUDSTNEWR3	Mid
Q97Cr	Retirement Interest (source 1) Retirement Interest (source 2)	PURETNEWRN1 PURETNEWRN3	Low
Q99ARa	Checking Account Interest	PUQ63C1B	Low
Q99ARb	Savings Account Interest	PUQ63D1B	Low
Q99ARc	Money Market Account Interest	PUQ63e1B	Low
Q99ARd	CD Interest	PUQ63f1B	Low
Q99ARe	Saving Bonds Interest	PUQ63g1b	Low
Q99ARe	Stock Dividends	PUQ63h1b	Low
Q99ARg	Any Other Interest	PUQ63i1b	Low
CAPGDIS	Nonretirement Interest	PUCAPGDAMTRN1	Mid

Source Screen	Income Source	Range Screen	Range Level
Q65A1, Q65A2, Q65A3	Property Income	PUQ65CRN1	Mid
Q66B	Pell Grant Other Education Assistance	PUQ69FRN1 PUQ66HRN1	Low
Q70A	Child Support	PUQ70C1RN1	Mid
Q72A	Regular Financial Assistance	PUQ72CRN1	Low
Q73A1	Other Money Income	PUQ73RN1	Low
Q93	Energy Assistance	HUQ94RN1	Low

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APPENDIX E

SPECIFIC METROPOLITAN IDENTIFIERS

(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.

Care should be taken when tallying smaller areas, such as smaller cities, counties and metropolitan areas during the time frame of May 2014-July 2015. This is because we will be phasing in a new set of geographic areas to coincide with the phase-in of a new sample based on the results of the 2010 Census. Some smaller areas will be phasing-out or phasing-in during this time frame and estimates for such areas will fluctuate wildly during this time period and not be as accurate as they will be prior to May 2014 or after July 2015.

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
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
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
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
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
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
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

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
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
	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
348		Los Angeles-Long Beach-Riverside, CA
	31080	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
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
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
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
19740	Denver-Aurora-Lakewood, CO	
	Denver	1
	Lakewood	2
14860	Bridgeport-Stamford-Norwalk, CT	
	Bridgeport	1
	Stamford	2
25540	Hartford-West Hartford-East Hartford, CT	
	Hartford	1

33100	Miami-Fort Lauderdale-West Palm Beach, FL	
	Broward County	
	Fort Lauderdale	1
	Miami-Dade County	
	Miami	1
36740	Orlando-Kissimmee-Sanford, FL	
	Orlando	1
37340	Palm Bay-Melbourne-Titusville, FL	
	Palm Bay	1
45300	Tampa-St. Petersburg-Clearwater, FL	
	St. Petersburg	1
	Tampa	2
12060	Atlanta-Sandy Springs-Roswell, GA	
	Atlanta	1
16980	Chicago-Naperville-Elgin, IL-IN-WI	
	Chicago	1
	Naperville	2
	Joliet	3
	Elgin	4
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
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
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV	
	Washington	1
	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	
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

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

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

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

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

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
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
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
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
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

APPENDIX F

ASCII File Record Layouts

Household Record

HRECORD	1	1	(1:1)
FILEDATE	6	2	()
H_HHNUM	1	8	(1:8)
H_IDNUM	20	9	(NA)
H_SEQ	5	29	(00001:99999)
HSUP_WGT	8	34	(00000000:999999999)
GEDIV	1	42	(0:9)
GEREG	1	43	(1:4)
GESTFIPS	2	44	(1:56)
GTCBSA	5	46	(00000:79600)
GTCBSAST	1	51	(1:4)
GTCBSASZ	1	52	(0:7)
GTCO	3	53	(000:810)
GTCSA	3	56	(000:720)
GTINDVPC	1	59	(0:7)
GTMETSTA	1	60	(1:3)
H_HHTYPE	1	61	(1:3)
H_LIVQRT	2	62	(01:12)
H_MIS	1	64	(1:8)
HEFAMINC	2	65	(-1:16)
HH5TO18	2	67	(0:16)
HHSTATUS	1	69	(0:3)
HNUMFAM	2	70	(00:16)
HRHTYPE	2	72	(00:10)
HUNDER15	2	74	(0:16)
HUNDER18	2	76	(0:16)
HUNITS	1	78	(0:5)
I_HUNITS	1	79	(0:1)
H_MONTH	2	80	(03:03)
H_NUMPER	2	82	(0:16)
H_RESPNM	2	84	(0:16)
H_TELAVL	1	86	(0:2)
H_TELHHD	1	87	(0:2)
H_TELINT	1	88	(0:1)
H_TENURE	1	89	(0:3)
H_TYPEBC	2	90	(0:19)
H_YEAR	4	92	(1999:2999)
H1LIVQRT	1	96	(0:7)
H1TELAVL	1	97	(0:4)
H1TELHHD	1	98	(0:4)
H1TELINT	1	99	(0:4)
H1TENURE	1	100	(0:4)

HHINC	2	101	(0:41)
HPCTCUT	2	103	(0:20)
HTOP5PCT	1	105	(0:2)
HTOTVAL	8	106	(-999999:99999999)
HEARNVAL	8	114	(-999999:99999999)
HFRVAL	7	122	(-999999:99999999)
HINC_FR	1	129	(0:2)
HINC_SE	1	130	(0:2)
HINC_WS	1	131	(0:2)
HSEVAL	7	132	(-999999:99999999)
HWSVAL	7	139	(0:9999999)
HANN_YN	7	146	(0:2)
HANNVAL	7	153	(0:999999)
HCSP_YN	1	160	(0:2)
HCSPVAL	7	161	(0:9999999)
HDIS_YN	1	168	(0:2)
HDISVAL	7	169	(0:9999999)
HDIV_YN	1	176	(0:2)
HDIVVAL	7	177	(0:9999999)
HDST_YN	7	184	(0:2)
HDSTVAL	7	191	(0:9999999)
HED_YN	1	198	(0:2)
HEDVAL	7	199	(0:9999999)
HFIN_YN	1	206	(0:2)
HFINVAL	7	207	(0:9999999)
HINC_UC	1	214	(0:2)
HINC_WC	1	215	(0:2)
HINT_YN	1	216	(0:2)
HINTVAL	7	217	(0:9999999)
HOI_YN	1	224	(0:2)
HOIVAL	7	225	(0:9999999)
HOTHVAL	8	232	(-999999:99999999)
HPAW_YN	1	240	(0:2)
HPAWVAL	6	241	(0:99999999)
HPEN_YN	1	247	(0:2)
HPENVAL	7	248	(0:9999999)
HRNT_YN	1	255	(0:2)
HRNTVAL	7	256	(-999999:99999999)
HSS_YN	1	263	(0:2)
HSSI_YN	1	264	(0:2)
HSSIVAL	6	265	(0:9999999)
HSSVAL	7	271	(0:9999999)
HSUR_YN	1	278	(0:2)
HSURVAL	7	279	(0:99999999)
HUCVAL	7	286	(0:9999999)
HVET_YN	1	293	(0:2)
HVETVAL	7	294	(0:9999999)
HWCVAL	7	301	(0:99999999)
HENGAST	1	308	(0:2)

HENGVAL	4	309	(0:5000)
HFDVAL	5	313	(0:30000)
HFLUNCH	1	318	(0:2)
HFLUNNO	1	319	(0:9)
HFOODMO	2	320	(0:12)
HFOODNO	1	322	(0:9)
HFOODSP	1	323	(0:2)
HHOTLUN	1	324	(0:2)
HHOTNO	1	325	(0:9)
HLORENT	1	326	(0:2)
HPUBLIC	1	327	(0:2)
HRNUMWIC	2	328	(0:16)
HRWICYN	1	330	(0:2)
HCHCARE_VAL	6	331	(-1:999999)
HCHCARE_YN	1	337	(0:2)
HPRES_MORT	1	338	(0:2)
HPROP_VAL	8	339	(-1:9999999)
I_CHCAREVAL	1	347	(0:1)
I_HENGAS	1	348	(0:1)
I_HENGVA	1	349	(0:2)
I_HFDVAL	1	350	(0:2)
I_HFLUNC	1	351	(0:1)
I_HFLUNN	1	352	(0:1)
I_HFOODM	1	353	(0:2)
I_HFOODN	1	354	(0:1)
I_HFOODS	1	355	(0:1)
I_HHOTLU	1	356	(0:1)
I_HHOTNO	1	357	(0:1)
I_HLOREN	1	358	(0:1)
I_HPUBLI	1	359	(0:1)
I_PROPVAL	1	360	(0:4)
THCHCARE_VAL	1	361	(0:1)
THPROP_VAL	1	362	(0:1)
HCOV	1	363	(1:3)
NOW_HCOV	1	364	(1:3)
HPUB	1	365	(1:3)
NOW_HPUB	1	366	(1:3)
HPRIV	1	367	(1:3)
NOW_HPRIV	1	368	(1:3)
HMCAID	1	369	(1:3)
NOW_HMCAID	1	370	(1:3)
HH_HI_UNIV	1	371	(1:3)

Family Record

FRECORD	1	1	(2:2)
FFPOS	2	2	(01:16)
FH_SEQ	5	4	(00001:99999)
FILEDATE	6	9	()
FHEADIDX	2	15	(1:16)

FLASTIDX	2	17	(1:16)
FMLASIDX	2	19	(1:16)
FSPOUIDX	2	21	(0:16)
FSUP_WGT	8	23	(00000000:999999999)
FKIND	1	31	(1:3)
FKINDEX	1	32	(1:4)
FOWNU18	1	33	(0:9)
FOWNU6	1	34	(0:6)
FPERSONS	2	35	(1:16)
FRELU18	1	37	(0:9)
FRELU6	1	38	(0:6)
FSPANISH	1	39	(1:2)
FTYPE	1	40	(1:5)
FPCTCUT	2	41	(0:20)
FTOT_R	2	43	(0:41)
FTOTVAL	8	45	(-999999:99999999)
FEARNVAL	8	53	(-999999:9999999)
FFRVAL	7	61	(-999999:9999999)
FINC_FR	1	68	(0:2)
FINC_SE	1	69	(0:2)
FINC_WS	1	70	(0:2)
FSEVAL	7	71	(-999999:9999999)
FANNVAL	7	78	(0:9999999)
FCSPVAL	7	85	(0000000:9999999)
FDISVAL	7	92	(0000000:9999999)
FDIVVAL	7	99	(0000000:9999999)
FDSTVAL	7	106	(0000000:9999999)
FEDVAL	7	113	(0000000:9999999)
FFINVAL	7	120	(0000000:9999999)
FINC_ANN	1	127	(0:2)
FINC_CSP	1	128	(0:2)
FINC_DIS	1	129	(0:2)
FINC_DIV	1	130	(0:2)
FINC_DST	1	131	(0:2)
FINC_ED	1	132	(0:2)
FINC_FIN	1	133	(0:2)
FINC_INT	1	134	(0:2)
FINC_OI	1	135	(0:2)
FINC_PAW	1	136	(0:2)
FINC_PEN	1	137	(0:2)
FINC_RNT	1	138	(0:2)
FINC_SS	1	139	(0:2)
FINC_SSI	1	140	(0:2)
FINC_SUR	1	141	(0:2)
FINC_UC	1	142	(0:2)
FINC_VET	1	143	(0:2)
FINC_WC	1	144	(0:2)
FINTVAL	7	145	(0000000:9999999)
FOIVAL	7	152	(0000000:9999999)
FOTHVAL	8	159	(-999999:99999999)

FPAWVAL	6	167	(0000000:9999999)
FPENVAL	7	173	(0:9999999)
FRNTVAL	7	180	(-999999:9999999)
FSSIVAL	6	187	(000000:999999)
FSSVAL	7	193	(0000000:9999999)
FSURVAL	7	200	(0000000:9999999)
FUCVAL	7	207	(0000000:9999999)
FVETVAL	7	214	(0000000:9999999)
FWCVAL	7	221	(0000000:9999999)
FWSVAL	7	228	(0000000:9999999)
F_MV_FS	5	235	(0:24999)
F_MV_SL	4	240	(0:9999)
FAMLIS	2	244	(-1:4)
FPOVCUT	5	246	(-1:60000)
FRSPOV	2	251	(0:14)
FRSPPCT	5	253	(0:60000)
POVLL	2	258	(-1:14)
FHIP_VAL	7	260	(0:9999999)
FHIP_VAL2	7	267	(0:9999999)
FMED_VAL	7	274	(0:9999999)
FMOOP	7	281	(0:9999999)
FMOOP2	7	288	(0:9999999)
FOTC_VAL	7	295	(0:9999999)
I_FHIPVAL	2	302	(-1:3)
I_FHIPVAL2	2	304	(-1:3)
I_FMEDVAL	2	306	(-1:3)
I_FMOOP	2	308	(-1:3)
I_FMOOP2	2	310	(-1:3)
I_FOTCVAL	2	312	(-1:3)

Person Record

PRECORD	1	1	(3:3)
A_LINENO	2	2	(01:16)
FILEDATE	6	4	()
P_SEQ	2	10	(00:16)
PERIDNUM	22	12	(NA)
PF_SEQ	2	34	(00:16)
PH_SEQ	5	36	(00000:99999)
PHF_SEQ	2	41	(01:16)
PPPOS	2	43	(41:79)
A_FAMNUM	2	45	(00:19)
A_SPOUSE	2	47	(00:16)
PECOHAB	2	49	(-1:16)
PEPAR1	2	51	(-1:16)
PEPAR2	2	53	(-1:16)
A_ERNLWT	8	55	(00000000:99999999)
A_FNLWGT	8	63	(0000000:999999999)
MARSUPWT	8	71	(0000000:9999999999)
A_AGE	2	79	(00:85)
A_ENRLW	1	81	(0:2)

A_EXPRRP	2	82	(1:14)
A_FAMREL	1	84	(0:4)
A_FAMTYP	1	85	(1:5)
A_FTPT	1	86	(0:2)
A_HGA	2	87	(0:46)
A_HSCOL	1	89	(0:2)
A_MARITL	1	90	(1:7)
A_PFREL	1	91	(0:5)
A_SEX	1	92	(1:2)
AGE1	2	93	(0:17)
FL_665	1	95	(1:3)
HHDFMX	2	96	(1:51)
HHDREL	1	98	(1:8)
P_STAT	1	99	(1:3)
PARENT	1	100	(0:4)
PEAFEVER	2	101	(-1:2)
PEAFWHN1	2	103	(-1:9)
PEAFWHN2	2	105	(-1:9)
PEAFWHN3	2	107	(-1:9)
PEAFWHN4	2	109	(-1:9)
PECERT1	2	111	(0:2)
PECERT2	2	113	(0:2)
PECERT3	2	115	(0:2)
PEDISDRS	2	117	(-4:2)
PEDISEAR	2	119	(-1:2)
PEDISEYE	2	121	(-1:2)
PEDISOUT	2	123	(-1:2)
PEDISPHY	2	125	(-1:2)
PEDISREM	2	127	(-1:2)
PEFNTVTY	3	129	(-4:999)
PEHSPNON	1	132	(1:2)
PEINUSYR	2	133	(0:25)
PEMNTVTY	3	135	(-4:999)
PENATVTY	3	138	(-4:999)
PEPAR1TYP	2	141	(-1:3)
PEPAR2TYP	2	143	(-1:3)
PERRP	2	145	(40:59)
PRCITSHP	1	147	(-4:5)
PRDASIAN	2	148	(-1:7)
PRDISFLG	2	150	(-1:2)
PRDTHSP	1	152	(0:8)
PRDTRACE	2	153	(1:26)
PRPERTYP	1	155	(-4:3)
AXAGE	1	155	(0:4)
AXENRLW	1	156	(0:4)
AXFTPT	1	157	(0:4)
AXHGA	1	158	(0:4)
AXHSCOL	1	159	(0:4)
AXSEX	1	160	(0:4)
PXAFEVER	2	161	(0:53)

PXAFWHN1	2	163	(-1:53)
PXCERT1	2	165	(0:53)
PXCERT2	2	167	(0:53)
PXCERT3	2	169	(0:53)
PXCOHAB	2	171	(-1:53)
PXDISDRS	2	173	(-1:53)
PXDISEAR	2	175	(-1:53)
PXDISEYE	2	177	(-1:53)
PXDISOUT	2	179	(-1:53)
PXDISPHY	2	181	(-1:53)
PXDISREM	2	183	(-1:53)
PXFNTVTY	2	185	(0:53)
PXHSPNON	2	187	(0:53)
PXINUSYR	2	189	(0:53)
PXMARITL	2	191	(-4:53)
PXMNTVTY	2	193	(0:53)
PXNATVTY	2	195	(0:53)
PXPAR1	2	197	(-1:53)
PXPAR1TYP	2	199	(-1:53)
PXPAR2	2	201	(-1:53)
PXPAR2TYP	2	203	(-1:53)
PXRACE1	2	205	(0:53)
PXRRP	2	207	(-4:53)
A_HRS1	2	209	(-1:99)
A_MJIND	2	211	(-1:14)
A_MJOCC	2	213	(-1:11)
PEABSRSN	2	215	(0:14)
PEIO1COW	2	217	(-4:11)
PEIOIND	4	219	(0:9999)
PEIOOCC	4	223	(-1:9999)
PRDISC	1	227	(0:3)
PRUNTYPE	1	228	(0:6)
A_GRSWK	4	229	(0:2885)
A_HERNTF	1	233	(0:1)
A_HRLYWK	1	234	(0:2)
A_HRSPAY	4	235	(0:9999)
PRERELG	1	239	(0:1)
PRWERNAL	1	240	(0:1)
A_CIVLF	1	241	(0:1)
A_CLSWKR	1	242	(0:8)
A_DTIND	2	243	(0:52)
A_DTOCC	2	245	(0:23)
A_EXPLF	1	247	(0:2)
A_FTLF	1	248	(0:1)
A_LFSR	1	249	(0:7)
A_NLFLJ	1	250	(-1:7)
A_PAYABS	1	251	(0:3)
A_UNCOV	1	252	(0:2)
A_UNMEM	1	253	(0:2)
A_UNTYPE	1	254	(0:5)

A_USLFT	1	255	(0:2)
A_USLHRS	2	256	(-4:99)
A_WANTJB	1	258	(0:2)
A_WERNTF	1	259	(0:1)
A_WHENLJ	1	260	(0:5)
A_WHYABS	1	261	(0:8)
A_WKSCH	1	262	(0:4)
A_WKSLK	3	263	(0:99)
A_WKSTAT	1	266	(0:7)
PEHRUSLT	3	267	(-4:198)
PEMLR	1	270	(0:7)
PRCOW1	1	271	(0:6)
PRNLFSCH	1	272	(0:2)
PRPTREA	2	273	(0:23)
PRWKSTAT	2	275	(0:12)
AXCLSWKR	1	277	(0:4)
AXHRLYWK	1	278	(0:4)
AXHRS	1	279	(0:4)
AXLFSR	1	280	(0:4)
AXNLFLJ	1	281	(0:4)
AXPAYABS	1	282	(0:4)
AXUNCOV	1	283	(0:4)
AXUNMEM	1	284	(0:4)
AXUSLHRS	1	285	(0:4)
AXWHYABS	1	286	(0:4)
PRCITFLG	2	287	(0:53)
PRHERNAL	1	289	(0:1)
PXSPOUSE	2	290	(-4:53)
CLWK	1	292	(0:5)
EARNER	1	293	(0:2)
HRCHECK	1	294	(0:2)
HRSWK	2	295	(0:99)
INDUSTRY	4	297	(0:9999)
LJCW	1	301	(0:7)
LKNONE	1	302	(0:1)
LKSTRCH	1	303	(0:3)
LKWEEKS	2	304	(0:51)
LOSEWKS	1	306	(0:2)
NOEMP	1	307	(0:6)
NWLKWK	2	308	(0:52)
NWLOOK	1	310	(0:2)
OCCUP	4	311	(0:9999)
PHMEMPRS	1	315	(0:3)
POCCU2	2	316	(0:53)
PTRSN	1	318	(0:4)
PTWEEKS	2	319	(0:52)
PTYN	1	321	(0:2)
PYRSN	1	322	(0:6)
RSNNOTW	1	323	(0:6)
WECLW	1	324	(0:9)

WEIND	2	325	(0:23)
WELKNW	1	327	(0:7)
WEMIND	2	328	(0:15)
WEMOCG	2	330	(0:24)
WEUEMP	1	332	(0:9)
WEWKRS	1	333	(0:5)
WEXP	2	334	(0:13)
WKCHECK	1	336	(0:3)
WKSWORK	2	337	(0:52)
WORKYN	1	339	(0:2)
WRK_CK	1	340	(0:2)
WTEMP	1	341	(0:2)
I_HRCHK	1	342	(0:9)
I_HRSWK	1	343	(0:9)
I_INDUS	1	344	(0:9)
I_LJCW	1	345	(0:9)
I_LKSTR	1	346	(0:9)
I_LKWEEK	1	347	(0:9)
I_LOSEWK	1	348	(0:9)
I_NOEMP	1	349	(0:9)
I_NWLKWK	1	350	(0:9)
I_NWLOOK	1	351	(0:9)
I_OCCUP	1	352	(0:9)
I_PHMEMP	1	353	(0:9)
I_PTRSN	1	354	(0:9)
I_PTWKS	1	355	(0:9)
I_PTYN	1	356	(0:9)
I_PYRSN	1	357	(0:9)
I_RSNNOT	1	358	(0:9)
I_WKCHK	1	359	(0:9)
I_WKSWK	1	360	(0:9)
I_WORKYN	1	361	(0:9)
I_WTEMP	1	362	(0:9)
ERN_OTR	1	363	(0:2)
ERN_SRCE	1	364	(0:4)
ERN_VAL	7	365	(-999999:9999999)
ERN_YN	1	372	(0:2)
FRM_VAL	7	373	(-999999:999999)
FRMOTR	1	380	(0:2)
FRSE_VAL	7	381	(-9999999:9999999)
FRSE_YN	1	388	(0:2)
PEARNVAL	8	389	(-99999:99999999)
SE_VAL	6	397	(-99999:999999)
SEMP_VAL	7	403	(-999999:9999999)
SEMP_YN	1	410	(0:2)
SEOTR	1	411	(0:2)
WAGEOTR	1	412	(0:2)
WS_VAL	7	413	(0:9999999)
WSAL_VAL	7	420	(0:9999999)
WSAL_YN	1	427	(0:2)

ANN_VAL	6	428	(-1:999999)
ANN_YN	1	434	(0:2)
CAP_VAL	6	435	(0:999999)
CAP_YN	1	441	(0:2)
DBTN_VAL	7	442	(0000000:9999999)
DIS_CS	1	449	(0:2)
DIS_HP	1	450	(0:2)
DIS_SC1	2	451	(00:10)
DIS_SC2	2	453	(00:10)
DIS_VAL1	6	455	(0:999999)
DIS_VAL2	6	461	(00000:999999)
DIS_YN	1	467	(0:2)
DIV_VAL	6	468	(000000:999999)
DIV_YN	1	474	(0:2)
DSAB_VAL	6	475	(000000:999999)
DST_SC1	1	481	(0:7)
DST_SC1_YNG	1	482	(0:7)
DST_SC2	1	483	(0:7)
DST_SC2_YNG	1	484	(0:7)
DST_VAL1	6	485	(000000:999999)
DST_VAL1_YNG	6	491	(000000:999999)
DST_VAL2	6	497	(000000:999999)
DST_VAL2_YNG	6	503	(000000:999999)
DST_YN	1	509	(0:2)
DST_YN_YNG	1	510	(0:2)
ED_VAL	5	511	(0:99999)
ED_YN	1	516	(0:2)
FAMREL	2	517	(1:11)
FIN_VAL	6	519	(0:999999)
FIN_YN	1	525	(0:2)
INT_VAL	6	526	(0:999999)
INT_YN	1	532	(0:2)
OED_TYP1	1	533	(0:2)
OED_TYP2	1	534	(0:2)
OED_TYP3	1	535	(0:2)
OI_OFF	2	536	(0:20)
OI_VAL	6	538	(0:999999)
OI_YN	1	544	(0:2)
PEN_SC1	1	545	(0:8)
PEN_SC2	1	546	(0:8)
PEN_VAL1	6	547	(0:999999)
PEN_VAL2	6	553	(0:999999)
PEN_YN	1	559	(0:2)
PNSN_VAL	7	560	(0:9999999)
POTHVAL	8	567	(-99999:99999999)
PTOT_R	2	575	(0:41)
PTOTVAL	8	577	(-99999:99999999)
RESNSS1	1	585	(0:8)
RESNSS2	1	586	(0:8)
RESNSSI1	1	587	(0:5)

RESNSSI2	1	588	(0:5)
RETCB_VAL	5	589	(0:99999)
RETCB_YN	1	594	(0:2)
RINT_SC1	1	595	(0:7)
RINT_SC2	1	596	(0:7)
RINT_VAL1	6	597	(0:999999)
RINT_VAL2	6	603	(0:999999)
RINT_YN	1	609	(0:2)
RNT_VAL	6	610	(-9999:999999)
RNT_YN	1	616	(0:2)
SRVS_VAL	6	617	(0:999999)
SS_VAL	5	623	(0:99999)
SS_YN	1	628	(0:2)
SSI_VAL	5	629	(0:99999)
SSI_YN	1	634	(0:2)
STRKUC	1	635	(0:2)
SUBUC	1	636	(0:2)
SUR_SC1	2	637	(0:10)
SUR_SC2	2	639	(0:10)
SUR_VAL1	6	641	(00000:999999)
SUR_VAL2	6	647	(00000:999999)
SUR_YN	1	653	(0:2)
TRDINT_VAL	5	654	(0:99999)
TSURVAL1	1	659	(0:1)
TSURVAL2	1	660	(0:1)
UC_VAL	5	661	(0:99999)
UC_YN	1	666	(0:2)
VET_QVA	1	667	(0:2)
VET_TYP1	1	668	(0:2)
VET_TYP2	1	669	(0:2)
VET_TYP3	1	670	(0:2)
VET_TYP4	1	671	(0:2)
VET_TYP5	1	672	(0:2)
VET_VAL	6	673	(0:999999)
VET_YN	1	679	(0:2)
WC_TYPE	1	680	(0:4)
WC_VAL	5	681	(0:99999)
WC_YN	1	686	(0:2)
PAW_MON	2	687	(0:12)
PAW_TYP	1	689	(0:3)
PAW_VAL	5	690	(00000:99999)
PAW_YN	1	695	(0:2)
PENINCL	1	696	(0:2)
PENPLAN	1	697	(0:2)
WICYN	1	698	(0:2)
CHCARE_YN	1	699	(0:2)
CHELSEW_YN	1	700	(0:2)
CHSP_VAL	5	701	(00000:99999)
CHSP_YN	1	706	(0:2)
CSP_VAL	5	707	(0:99999)

CSP_YN	1	712	(0:2)
ACTC_CRD	5	713	(0000:99999)
AGI	7	718	(-9999:9999999)
CTC_CRD	5	725	(00000:99999)
DEP_STAT	2	730	(01:16)
EIT_CRED	4	732	(0:9999)
FED_RET	6	736	(0:999999)
FEDTAX_AC	7	742	(-9999:9999999)
FEDTAX_BC	7	749	(-9999:9999999)
FICA	5	756	(0:99999)
FILESTAT	1	761	(1:6)
MARG_TAX	2	762	(00:99)
PRSWKXPNS	4	764	(0:1999)
STATETAX_A	6	768	(-9999:9999999)
STATETAX_B	6	774	(-9999:9999999)
TAX_ID	10	780	(000000000:9999999999)
TAX_INC	7	790	(-9999:9999999)
I_ANNVAL	1	797	(0:9)
I_ANNYN	1	798	(0:9)
I_CAPVAL	1	799	(0:9)
I_CAPYN	1	800	(0:9)
I_CHCAREYN	1	801	(0:9)
I_CHELSEWYN	1	802	(0:9)
I_CHSPVAL	1	803	(0:9)
I_CHSPYN	1	804	(0:9)
I_CSPVAL	1	805	(0:9)
I_CSPYN	1	806	(0:9)
I_DISCS	1	807	(0:9)
I_DISHP	1	808	(0:9)
I_DISSC1	1	809	(0:9)
I_DISSC2	1	810	(0:9)
I_DISVL1	1	811	(0:9)
I_DISVL2	1	812	(0:9)
I_DISYN	1	813	(0:9)
I_DIVVAL	1	814	(0:9)
I_DIVYN	1	815	(0:1)
I_DSTSC	1	816	(0:9)
I_DSTSCCOMP	1	817	(0:9)
I_DSTVAL1COMP	2	818	(0:11)
I_DSTVAL2COMP	2	820	(0:11)
I_DSTYNCOMP	2	822	(0:11)
I_EDTYP	1	824	(0:9)
I_EDYN	1	825	(0:9)
I_ERNSRC	1	826	(0:9)
I_ERNVAL	1	827	(0:9)
I_ERNYN	1	828	(0:9)
I_FINVAL	1	829	(0:9)
I_FINYN	1	830	(0:9)
I_FRMVAL	1	831	(0:9)
I_FRMYN	1	832	(0:9)

I_INTVAL	2	833	(0:15)
I_INTYN	2	835	(0:11)
I_OEDVAL	1	837	(0:9)
I_OIVAL	1	838	(0:9)
I_PAWMO	1	839	(0:9)
I_PAWTYP	1	840	(0:9)
I_PAWVAL	1	841	(0:9)
I_PAWYN	1	842	(0:9)
I_PENINC	1	843	(0:9)
I_PENPLA	1	844	(0:9)
I_PENSC1	1	845	(0:9)
I_PENSC2	1	846	(0:9)
I_PENVAL1	1	847	(0:9)
I_PENVAL2	1	848	(0:9)
I_PENYN	1	849	(0:9)
I_RETCBVAL	1	850	(0:9)
I_RETCBYN	1	851	(0:9)
I_RINTSC	1	852	(0:9)
I_RINTVAL1	1	853	(0:9)
I_RINTVAL2	1	854	(0:9)
I_RINTYN	1	855	(0:9)
I_RNTVAL	1	856	(0:9)
I_RNTYN	1	857	(0:9)
I_SEVAL	1	858	(0:9)
I_SEYN	1	859	(0:9)
I_SSIVAL	2	860	(0:15)
I_SSIYN	2	862	(0:11)
I_SSVAL	2	864	(0:15)
I_SSYN	2	866	(0:11)
I_SURSC1	1	868	(0:9)
I_SURSC2	1	869	(0:9)
I_SURVL1	1	870	(0:9)
I_SURVL2	1	871	(0:9)
I_SURYN	1	872	(0:9)
I_UCVAL	2	873	(0:15)
I_UCYN	2	875	(0:11)
I_VETQVA	1	877	(0:9)
I_VETTYP	1	878	(0:9)
I_VETVAL	2	879	(0:15)
I_VETYN	1	881	(0:9)
I_WCTYP	1	882	(0:9)
I_WCVAL	1	883	(0:9)
I_WCYN	1	884	(0:9)
I_WSVAL	1	885	(0:9)
I_WSYN	1	886	(0:9)
RESNSSA	1	887	(0:9)
RESNSSIA	1	888	(0:9)
WICYNA	1	889	(0:1)
TANN_VAL	1	890	(0:1)
TCAP_VAL	1	891	(0:1)

TCERNVAL	1	892	(0:1)
TCFFMVAL	1	893	(0:1)
TCHSP_VAL	1	894	(0:1)
TCSEVAL	1	895	(0:1)
TCSP_VAL	1	896	(0:1)
TCWSVAL	1	897	(0:1)
TDISVAL1	1	898	(0:1)
TDISVAL2	1	899	(0:1)
TDIV_VAL	1	900	(0:1)
TDST_VAL1	1	901	(0:1)
TDST_VAL1_YNG	1	902	(0:1)
TDST_VAL2	1	903	(0:1)
TDST_VAL2_YNG	1	904	(0:1)
TED_VAL	1	905	(0:1)
TFIN_VAL	1	906	(0:1)
TOI_VAL	1	907	(0:1)
TPEN_VAL1	1	908	(0:1)
TPEN_VAL2	1	909	(0:1)
TRINT_VAL1	1	910	(0:1)
TRINT_VAL2	1	911	(0:1)
TRNT_VAL	1	912	(0:1)
TTRDINT_VAL	1	913	(0:1)
PERLIS	2	914	(-1:4)
POV_UNIV	1	916	(0:1)
COV	1	917	(0:2)
COV_CYR	1	918	(0:3)
COV_MULT_CYR	1	919	(0:3)
NOCOV_CYR	1	920	(0:3)
NOW_COV	1	921	(1:2)
I_NOW_PUB	1	922	(0:3)
I_PUB	2	923	(-1:3)
NOW_PUB	1	925	(1:2)
PUB	1	926	(0:2)
PUB_CYR	1	927	(0:3)
DEPPRIV	1	928	(0:2)
I_DEPPRIV	2	929	(-1:3)
I_NOW_DEPPRIV	2	931	(-1:3)
I_NOW_OUTPRIV	2	933	(-1:3)
I_NOW_OWNPRIV	2	935	(-1:3)
I_NOW_PRIV	1	937	(0:3)
I_OUTPRIV	2	938	(-1:3)
I_OWNPRIV	2	940	(-1:3)
I_PRIV	2	942	(-1:3)
NOW_DEPPRIV	1	944	(0:2)
NOW_OUTPRIV	1	945	(0:2)
NOW_OWNPRIV	1	946	(0:2)
NOW_PRIV	1	947	(1:2)
OUTPRIV	1	948	(0:2)
OWNPRIV	1	949	(0:2)
PRIV	1	950	(0:2)

PRIV_CYR	1	951	(0:3)
DEPGRP	1	952	(0:2)
GRP	1	953	(0:2)
GRPFTYP	1	954	(0:2)
GRPFTYP2	1	955	(0:3)
GRPLIN1	2	956	(0:20)
GRPOUT	1	958	(0:2)
HIPAID	1	959	(0:3)
I_DEPGRP	2	960	(-1:3)
I_GRP	2	962	(-1:3)
I_GRPOUT	2	964	(-1:3)
I_HIPAID	2	966	(-1:3)
I_NOW_DEPGRP	2	968	(-1:3)
I_NOW_GRP	1	970	(0:3)
I_NOW_GRPOUT	2	971	(-1:3)
I_NOW_HIPAID	2	973	(-1:3)
I_NOW_OUTGRP	2	975	(-1:3)
I_NOW_OWNGRP	2	977	(-1:3)
I_OUTGRP	2	979	(-1:3)
I_OWNGRP	2	981	(-1:3)
NOW_DEPGRP	1	983	(0:2)
NOW_GRP	1	984	(1:2)
NOW_GRPFTYP	1	985	(0:2)
NOW_GRPFTYP2	1	986	(0:3)
NOW_GRPLIN	2	987	(0:20)
NOW_GRPOUT	1	989	(0:2)
NOW_HIPAID	1	990	(0:3)
NOW_OUTGRP	1	991	(0:2)
NOW_OWNGRP	1	992	(0:2)
OUTGRP	1	993	(0:2)
OWNGRP	1	994	(0:2)
DEPDIR	1	995	(0:2)
DIR	1	996	(0:2)
DIRFTYP	1	997	(0:2)
DIRFTYP2	1	998	(0:3)
DIRLIN1	2	999	(0:20)
DIROUT	1	1001	(0:2)
I_DEPDIR	2	1002	(-1:3)
I_DIR	2	1004	(-1:3)
I_DIROUT	2	1006	(-1:3)
I_NOW_DEPDIR	2	1008	(-1:3)
I_NOW_DIR	1	1010	(0:3)
I_NOW_DIROUT	2	1011	(-1:3)
I_NOW_OUTDIR	2	1013	(-1:3)
I_NOW_OWNDIR	2	1015	(-1:3)
I_OUTDIR	2	1017	(-1:3)
I_OWNDIR	2	1019	(-1:3)
NOW_DEPDIR	1	1021	(0:2)
NOW_DIR	1	1022	(1:2)
NOW_DIRFTYP	1	1023	(0:2)

NOW_DIRFTYP2	1	1024	(0:3)
NOW_DIRLIN	2	1025	(0:20)
NOW_DIROUT	1	1027	(0:2)
NOW_OUTDIR	1	1028	(0:2)
NOW_OWNDIR	1	1029	(0:2)
OUTDIR	1	1030	(0:2)
OWNDIR	1	1031	(0:2)
DEPMRK	1	1032	(0:2)
I_DEPMRK	2	1033	(-1:3)
I_MRK	2	1035	(-1:3)
I_MRKOUT	2	1037	(-1:3)
I_NOW_DEPMRK	2	1039	(-1:3)
I_NOW_MRK	1	1041	(0:3)
I_NOW_MRKOUT	2	1042	(-1:3)
I_NOW_OUTMRK	2	1044	(-1:3)
I_NOW_OWNMRK	2	1046	(-1:3)
I_OUTMRK	2	1048	(-1:3)
I_OWNMRK	2	1050	(-1:3)
MRK	1	1052	(0:2)
MRKFTYP	1	1053	(0:2)
MRKFTYP2	1	1054	(0:3)
MRKLIN1	2	1055	(0:20)
MRKOUT	1	1057	(0:2)
NOW_DEPMRK	1	1058	(0:2)
NOW_MRK	1	1059	(1:2)
NOW_MRKFTYP	1	1060	(0:2)
NOW_MRKFTYP2	1	1061	(0:3)
NOW_MRKLIN	2	1062	(0:20)
NOW_MRKOUT	1	1064	(0:2)
NOW_OUTMRK	1	1065	(0:2)
NOW_OWNMRK	1	1066	(0:2)
OUTMRK	1	1067	(0:2)
OWNMRK	1	1068	(0:2)
DEPMRKS	1	1069	(0:2)
I_DEPMRKS	2	1070	(-1:3)
I_MRKS	2	1072	(-1:3)
I_MRKSOUT	2	1074	(-1:3)
I_NOW_DEPMRKS	2	1076	(-1:3)
I_NOW_MRKS	1	1078	(0:3)
I_NOW_MRKSOUT	2	1079	(-1:3)
I_NOW_OUTMRKS	2	1081	(-1:3)
I_NOW_OWNMRKS	2	1083	(-1:3)
I_OUTMRKS	2	1085	(-1:3)
I_OWNMRKS	2	1087	(-1:3)
MRKS	1	1089	(0:2)
MRKSFTYP	1	1090	(0:2)
MRKSFTYP2	1	1091	(0:3)
MRKSLIN1	2	1092	(0:20)
MRKSOUT	1	1094	(0:2)
NOW_DEPMRKS	1	1095	(0:2)

NOW_MRKS	1	1096	(1:2)
NOW_MRKSFTYP	1	1097	(0:2)
NOW_MRKSFTYP2	1	1098	(0:3)
NOW_MRKSLIN	2	1099	(0:20)
NOW_MRKSOUT	1	1101	(0:2)
NOW_OUTMRKS	1	1102	(0:2)
NOW_OWNMRKS	1	1103	(0:2)
OUTMRKS	1	1104	(0:2)
OWNMRKS	1	1105	(0:2)
DEPMRKUN	1	1106	(0:2)
I_DEPMRKUN	2	1107	(-1:3)
I_MRKUN	2	1109	(-1:3)
I_MRKUNOUT	2	1111	(-1:3)
I_NOW_DEPMRKUN	2	1113	(-1:3)
I_NOW_MRKUN	1	1115	(0:3)
I_NOW_MRKUNOUT	2	1116	(-1:3)
I_NOW_OUTMRKUN	2	1118	(-1:3)
I_NOW_OWNMRKUN	2	1120	(-1:3)
I_OUTMRKUN	2	1122	(-1:3)
I_OWNMRKUN	2	1124	(-1:3)
MRKUN	1	1126	(0:2)
MRKUNFTYP	1	1127	(0:2)
MRKUNFTYP2	1	1128	(0:3)
MRKUNLIN1	2	1129	(0:20)
MRKUNOUT	1	1131	(0:2)
NOW_DEPMRKUN	1	1132	(0:2)
NOW_MRKUN	1	1133	(1:2)
NOW_MRKUNFTYP	1	1134	(0:2)
NOW_MRKUNFTYP2	1	1135	(0:3)
NOW_MRKUNLIN	2	1136	(0:20)
NOW_MRKUNOUT	1	1138	(0:2)
NOW_OUTMRKUN	1	1139	(0:2)
NOW_OWNMRKUN	1	1140	(0:2)
OUTMRKUN	1	1141	(0:2)
OWNMRKUN	1	1142	(0:2)
DEPNONM	1	1143	(0:2)
I_DEPNONM	2	1144	(-1:3)
I_NONM	2	1146	(-1:3)
I_NONMOUT	2	1148	(-1:3)
I_NOW_DEPNONM	2	1150	(-1:3)
I_NOW_NONM	1	1152	(0:3)
I_NOW_NONMOUT	2	1153	(-1:3)
I_NOW_OUTNONM	2	1155	(-1:3)
I_NOW_OWNNONM	2	1157	(-1:3)
I_OUTNONM	2	1159	(-1:3)
I_OWNNONM	2	1161	(-1:3)
NONM	1	1163	(0:2)
NONMFTYP	1	1164	(0:2)
NONMFTYP2	1	1165	(0:3)
NONMLIN1	2	1166	(0:20)

NONMOUT	1	1168	(0:2)
NOW_DEPNONM	1	1169	(0:2)
NOW_NONM	1	1170	(1:2)
NOW_NONMFTYP	1	1171	(0:2)
NOW_NONMFTYP2	1	1172	(0:3)
NOW_NONMLIN	2	1173	(0:20)
NOW_NONMOUT	1	1175	(0:2)
NOW_OUTNONM	1	1176	(0:2)
NOW_OWNNONM	1	1177	(0:2)
OUTNONM	1	1178	(0:2)
OWNNONM	1	1179	(0:2)
I_MCAID	2	1180	(-1:3)
I_NOW_MCAID	1	1182	(0:3)
MCAID	1	1183	(0:2)
NOW_MCAID	1	1184	(1:2)
CAID	1	1185	(0:2)
I_CAID	2	1186	(-1:3)
I_NOW_CAID	1	1188	(0:3)
MCAID_CYR	1	1189	(0:3)
NOW_CAID	1	1190	(1:2)
I_NOW_OTHMT	1	1191	(0:3)
I_OTHMT	2	1192	(-1:3)
NOW_OTHMT	1	1194	(1:2)
OTHMT	1	1195	(0:2)
I_NOW_PCHIP	1	1196	(0:3)
I_PCHIP	2	1197	(-1:3)
NOW_PCHIP	1	1199	(1:2)
PCHIP	1	1200	(0:2)
I_MCARE	2	1201	(-1:3)
I_NOW_MCARE	1	1203	(0:3)
MCARE	1	1204	(0:2)
NOW_MCARE	1	1205	(1:2)
I_IHSFLG	2	1206	(-1:3)
I_NOW_IHSFLG	1	1208	(0:3)
IHSFLG	1	1209	(0:2)
NOW_IHSFLG	1	1210	(1:2)
DEPMIL	1	1211	(0:2)
I_DEPMIL	2	1212	(-1:3)
I_MIL	2	1214	(-1:3)
I_MILOUT	2	1216	(-1:3)
I_NOW_DEPMIL	2	1218	(-1:3)
I_NOW_MIL	1	1220	(0:3)
I_NOW_MILOUT	2	1221	(-1:3)
I_NOW_OUTMIL	2	1223	(-1:3)
I_NOW_OWNMIL	2	1225	(-1:3)
I_OUTMIL	2	1227	(-1:3)
I_OWNMIL	2	1229	(-1:3)
MIL	1	1231	(0:2)
MILFTYP	1	1232	(0:2)
MILFTYP2	1	1233	(0:3)

MILLIN1	2	1234	(0:20)
MILOUT	1	1236	(0:2)
NOW_DEPMIL	1	1237	(0:2)
NOW_MIL	1	1238	(1:2)
NOW_MILFTYP	1	1239	(0:2)
NOW_MILFTYP2	1	1240	(0:3)
NOW_MILLIN	2	1241	(0:20)
NOW_MILOUT	1	1243	(0:2)
NOW_OUTMIL	1	1244	(0:2)
NOW_OWNMIL	1	1245	(0:2)
OUTMIL	1	1246	(0:2)
OWNMIL	1	1247	(0:2)
CHAMPVA	1	1248	(0:2)
I_CHAMPVA	2	1249	(-1:3)
I_NOW_CHAMPVA	1	1251	(0:3)
NOW_CHAMPVA	1	1252	(1:2)
I_NOW_VACARE	1	1253	(0:3)
I_VACARE	2	1254	(-1:3)
NOW_VACARE	1	1256	(1:2)
VACARE	1	1257	(0:2)
I_MCPREM	2	1258	(-1:2)
I_MOOP	2	1260	(-1:3)
I_MOOP2	2	1262	(-1:3)
I_PHIPVAL	2	1264	(-1:3)
I_PHIPVAL2	2	1266	(-1:3)
I_PMEDVAL	2	1268	(-1:3)
I_POTCVAL	2	1270	(-1:3)
MOOP	7	1272	(0:9999999)
MOOP2	7	1279	(0:9999999)
PEMCPREM	5	1286	(0000:99999)
PHIP_VAL	6	1291	(0:999999)
PHIP_VAL2	6	1297	(0:999999)
PMED_VAL	6	1303	(0:999999)
POTC_VAL	5	1309	(0:99999)
TPEMCPREM	1	1314	(0:1)
TPHIP_VAL	1	1315	(0:1)
TPHIP_VAL2	1	1316	(0:1)
TPMED_VAL	1	1317	(0:1)
TPOTC_VAL	1	1318	(0:1)
ESICOULD	1	1319	(0:2)
ESIELIG1	1	1320	(0:2)
ESIELIG2	1	1321	(0:2)
ESIELIG3	1	1322	(0:2)
ESIELIG4	1	1323	(0:2)
ESIELIG5	1	1324	(0:2)
ESIELIG6	1	1325	(0:2)
ESIOFFER	1	1326	(0:2)
ESITAKE1	1	1327	(0:2)
ESITAKE2	1	1328	(0:2)
ESITAKE3	1	1329	(0:2)

ESITAKE4	1	1330	(0:2)
ESITAKE5	1	1331	(0:2)
ESITAKE6	1	1332	(0:2)
ESITAKE7	1	1333	(0:2)
ESITAKE8	1	1334	(0:2)
I_ESICOULD	2	1335	(-1:3)
I_ESIELIG1	2	1337	(-1:3)
I_ESIELIG2	2	1339	(-1:3)
I_ESIELIG3	2	1341	(-1:3)
I_ESIELIG4	2	1343	(-1:3)
I_ESIELIG5	2	1345	(-1:3)
I_ESIELIG6	2	1347	(-1:3)
I_ESIOFFER	2	1349	(-1:3)
I_ESITAKE1	2	1351	(-1:3)
I_ESITAKE2	2	1353	(-1:3)
I_ESITAKE3	2	1355	(-1:3)
I_ESITAKE4	2	1357	(-1:3)
I_ESITAKE5	2	1359	(-1:3)
I_ESITAKE6	2	1361	(-1:3)
I_ESITAKE7	2	1363	(-1:3)
I_ESITAKE8	2	1365	(-1:3)
I_PECOULD	2	1367	(-1:3)
I_PEOFFER	2	1369	(-1:3)
I_PEWNELIG1	2	1371	(-1:3)
I_PEWNELIG2	2	1373	(-1:3)
I_PEWNELIG3	2	1375	(-1:3)
I_PEWNELIG4	2	1377	(-1:3)
I_PEWNELIG5	2	1379	(-1:3)
I_PEWNELIG6	2	1381	(-1:3)
I_PEWNTAKE1	2	1383	(-1:3)
I_PEWNTAKE2	2	1385	(-1:3)
I_PEWNTAKE3	2	1387	(-1:3)
I_PEWNTAKE4	2	1389	(-1:3)
I_PEWNTAKE5	2	1391	(-1:3)
I_PEWNTAKE6	2	1393	(-1:3)
I_PEWNTAKE7	2	1395	(-1:3)
I_PEWNTAKE8	2	1397	(-1:3)
PECOULD	1	1399	(0:2)
PEOFFER	1	1400	(0:2)
PEWNELIG1	1	1401	(0:2)
PEWNELIG2	1	1402	(0:2)
PEWNELIG3	1	1403	(0:2)
PEWNELIG4	1	1404	(0:2)
PEWNELIG5	1	1405	(0:2)
PEWNELIG6	1	1406	(0:2)
PEWNTAKE1	1	1407	(0:2)
PEWNTAKE2	1	1408	(0:2)
PEWNTAKE3	1	1409	(0:2)
PEWNTAKE4	1	1410	(0:2)
PEWNTAKE5	1	1411	(0:2)

PEWNTAKE6	1	1412	(0:2)
PEWNTAKE7	1	1413	(0:2)
PEWNTAKE8	1	1414	(0:2)
HEA	1	1415	(1:5)
I_HEA	2	1416	(-1:3)
SPM_Head	1	1418	(0:1)
SPM_ID	8	1419	(0000000:99999999)
SPM_ACTC	5	1427	(0:99999)
SPM_CapHouseSub	5	1432	(00000:99999)
SPM_CapWkCCXpns	6	1437	(0:999999)
SPM_ChildcareXpns	6	1443	(0:999999)
SPM_ChildSupPd	5	1449	(0:99999)
SPM_EITC	5	1454	(0:999999)
SPM_EngVal	4	1459	(0000:9999)
SPM_EquivScale	6	1463	(0.0000:3.0000)
SPM_FamType	1	1469	(1:5)
SPM_FedTax	7	1470	(-999999:9999999)
SPM_FedTaxBC	7	1477	(-999999:9999999)
SPM_FICA	5	1484	(0:99999)
SPM_GeoAdj	6	1489	(0.0000:2.0000)
SPM_Hage	2	1495	(15:85)
SPM_HHisp	1	1497	(0:1)
SPM_HMaritalStatus	1	1498	(1:7)
SPM_HRace	1	1499	(1:4)
SPM_MedXpns	7	1500	(0:9999999)
SPM_NumAdults	2	1507	(0:20)
SPM_NumKids	2	1509	(0:20)
SPM_NumPer	2	1511	(0:20)
SPM_Poor	1	1513	(0:1)
SPM_PovThreshold	5	1514	(00000:99999)
SPM_Resources	7	1519	(-999999:9999999)
SPM_SchLunch	4	1526	(0000:9999)
SPM_SNAPSub	5	1530	(00000:99999)
SPM_StTax	6	1535	(-9999:999999)
SPM_TenMortStatus	1	1541	(1:3)
SPM_Totval	7	1542	(-999999:9999999)
SPM_wCohabit	1	1549	(0:1)
SPM_Weight	7	1550	(9999:9999999)
SPM_wFoster22	1	1557	(0:1)
SPM_WICval	4	1558	(0000:9999)
SPM_WkXpns	5	1562	(0:99999)
SPM_wNewHead	1	1567	(0:1)
SPM_wNewParent	1	1568	(0:1)
SPM_wUI_LT15	1	1569	(0:1)
MIG_CBST	1	1570	(0:4)
MIG_DIV	2	1571	(0:10)
MIG_DSCP	1	1573	(0:5)
MIG_MTR1	1	1574	(0:9)
MIG_MTR3	1	1575	(0:8)
MIG_MTR4	1	1576	(0:9)

MIG_REG	1	1577	(0:5)
MIG_ST	2	1578	(0:96)
MIGSAME	1	1580	(0:3)
NXTRES	2	1581	(0:20)
M5G_CBST	1	1583	(0:4)
M5G_DIV	2	1584	(0:10)
M5G_DSCP	1	1586	(0:5)
M5G_MTR1	1	1587	(0:9)
M5G_MTR3	1	1588	(0:8)
M5G_MTR4	1	1589	(0:9)
M5G_REG	1	1590	(0:5)
M5G_ST	2	1591	(0:96)
M5GSAME	1	1593	(0:3)
I_M5G1	1	1594	(0:5)
I_M5G2	2	1595	(0:10)
I_M5G3	1	1597	(0:5)
I_MIG1	1	1598	(0:5)
I_MIG2	2	1599	(0:10)
I_MIG3	1	1601	(0:5)
I_NXTRES	1	1602	(0:5)

Source of the Data and Accuracy of the Estimates for the 2020 Annual Social and Economic Supplement Microdata File

SOURCE OF THE DATA

The data in this microdata file and the estimates in the reports *Income and Poverty in the United States: 2019*, *Health Insurance Coverage in the United States: 2019*, and *The Supplemental Poverty Measure: 2019* come from the 2020[1] Annual Social and Economic Supplement (ASEC) of the Current Population Survey (CPS).[2] The U.S. Census Bureau conducts the CPS ASEC over a 3-month period in February, March, and April, with most of the data collection occurring in the month of March. The CPS ASEC 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 entire population. The Census Bureau and the U.S. Bureau of Labor Statistics also jointly sponsor the CPS ASEC.

Basic CPS. The monthly CPS collects primarily labor force data about the civilian noninstitutionalized population living in the United States. The institutionalized population, which is excluded from the universe, consists primarily of the population in correctional institutions and nursing homes (98 percent of the 4.0 million institutionalized people in the 2010 Census). Starting in August 2017, college and university dormitories were also excluded from the universe because most of the residents had usual residences elsewhere. Interviewers ask questions concerning labor force participation of each member 15 years old and older in sample households. Typically, the week containing the nineteenth of the month is the interview week. The week containing the twelfth is the reference week (i.e., the week about which the labor force questions are asked).

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

Every ten years, the CPS first-stage sample is redesigned[3] reflecting changes based on the most recent decennial census. In the first stage of the sampling process, primary sampling units (PSUs)[4] were selected for sample. In the 2000 design, the United States was divided

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1 For clarity and consistency throughout this report, the term "collection year" is the year the data is collected (in this case, 2020), and "data year" is the year about which the data are obtained (in this case, 2019). 2020 CPS ASEC asks questions of data year 2019, 2019 CPS ASEC asks questions of data year 2018, etc.

2 Portions of the health insurance data in the report are based on the American Community Survey (ACS). Please refer to the ACS Source and Accuracy Statement in U.S. Census Bureau (2019c).

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

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

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 replaced it with the 2010 sample, creating a mixed sampling frame. Two simultaneous changes occurred during this phase-in period. First, within the PSUs selected for both the 2000 and 2010 designs, sample households from the 2010 design gradually replaced sample households from the 2000 design. Second, new PSUs selected for only the 2010 design gradually replaced 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 70,300 sampled addresses were selected from the sampling frame for the basic CPS. Based on eligibility criteria, ten percent of these sampled addresses were sent directly to computer-assisted telephone interviewing (CATI). The remaining sampled addresses were assigned to interviewers for computer-assisted personal interviewing (CAPI).[5] Of all addresses in sample, about 59,700 were determined to be eligible for interview. Interviewers obtained interviews at about 43,600 of the housing units at these addresses.[6] Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason. Table 1 summarizes historical changes in the CPS design.

The 2020 Annual Social and Economic Supplement. In addition to the basic CPS questions, interviewers asked supplementary questions for the CPS ASEC. They asked these questions of the civilian noninstitutionalized population and also of military personnel who live in households with at least one other civilian adult. The additional questions covered the following topics:

- Household and family characteristics.
- Marital status.
- Geographic mobility.

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

6 Due to government restrictions/health and safety concerns stemming from the spread of COVID-19, March CPS interviewing was impacted. Interviewing began Sunday, March 15th. On Friday, March 20th, personal visits with respondents were halted nationwide, resulting in telephone contacts only. Additionally, both CATI contact centers were closed as of Friday, March 20th. All cases remaining in CATI for ASEC follow-up were closed out and sent in to headquarters. Therefore, no CATI follow-up occurred after March 20th. These procedural changes resulted in higher nonresponse for both the basic CPS and the ASEC Supplement. For additional information on the impacts of COVID-19 on the CPS ASEC, please see Subsection "Impact of the Coronavirus Pandemic" within Section "Comparability of Data".

- Foreign-born population.
- Income from the previous calendar year.
- Work status/occupation.
- Health insurance coverage.
- Program participation.
- Educational attainment.

Including the basic CPS sample, approximately 91,500 addresses were in sample for the CPS ASEC. About 79,400 sampled addresses were determined to be eligible for interview, and about 60,400 interviews were conducted (see Table 1).

The additional sample for the CPS ASEC provides more reliable data than the basic CPS for Hispanic households, non-Hispanic minority households, and non-Hispanic White households with children 18 years or younger. These households were identified for sample from previous months and the following April. For more information about the households eligible for the CPS ASEC, please refer to U.S. Census Bureau (2019e).

Table 1. Description of the March Basic Current Population Survey and Annual Social and Economic Supplement Sample Cases

Time period	Number of sample PSUs[A]	Basic CPS[B] sampled addresses eligible		Total (CPS ASEC[C]/ADS[D] + basic CPS) sampled addresses eligible	
		Interviewed	Not interviewed	Interviewed	Not interviewed
2020	852	43,600	16,100	60,400	19,000
2019	852	48,900	11,100	68,300	13,600
2018	852	50,800	9,900	67,900	11,500
2017	852	52,400	9,300	70,000	10,900
2016	852	52,000	9,100	69,500	10,600
2015	852	52,900	8,200	74,300	10,300
2014 Redesign[E]	824	17,200	2,200	22,700	2,600
2014 Traditional[F]	824	35,500	4,600	51,500	5,800
2014	824	52,700	6,800	--	--
2013	824	52,900	6,400	75,500	7,700
2012	824	53,300	5,800	75,100	7,200
2011	824	53,400	5,300	75,900	6,500
2010	824	54,100	4,600	77,000	5,700
2009	824	54,100	4,600	76,200	5,700
2008	824	53,800	5,100	75,900	6,400
2007	824	53,700	5,600	75,500	7,100
2006	824	54,000	5,400	76,000	7,100
2005	[G]754/824	54,400	5,700	76,500	7,500
2004	754	55,000	5,200	77,700	7,000
2003	754	55,500	4,500	78,300	6,800

Time period	Number of sample PSUs[A]	Basic CPS[B] sampled addresses eligible		Total (CPS ASEC[C]/ADS[D] + basic CPS) sampled addresses eligible	
		Interviewed	Not interviewed	Interviewed	Not interviewed
2002	754	55,500	4,500	78,300	6,600
2001	754	46,800	3,200	49,600	4,300
2000	754	46,800	3,200	51,000	3,700
1999	754	46,800	3,200	50,800	4,300
1998	754	46,800	3,200	50,400	5,200
1997	754	46,800	3,200	50,300	3,900
1996	754	46,800	3,200	49,700	4,100
1995	792	56,700	3,300	59,200	3,800
1990 to 1994	729	57,400	2,600	59,900	3,100
1989	729	53,600	2,500	56,100	3,000
1986 to 1988	729	57,000	2,500	59,500	3,000
1985	[H]629/729	57,000	2,500	59,500	3,000
1982 to 1984	629	59,000	2,500	61,500	3,000
1980 to 1981	629	65,500	3,000	68,000	3,500
1977 to 1979	614	55,000	3,000	58,000	3,500
1976	624	46,500	2,500	49,000	3,000
1973 to 1975	461	46,500	2,500	49,000	3,000
1972	[I]449/461	45,000	2,000	45,000	2,000
1967 to 1971	449	48,000	2,000	48,000	2,000
1963 to 1966	357	33,400	1,200	33,400	1,200
1960 to 1962	333	33,400	1,200	33,400	1,200
1959	330	33,400	1,200	33,400	1,200

Source: U.S. Census Bureau, Current Population Survey, 1959-2020 Annual Social and Economic Supplement.

A PSUs are primary sampling units.

B CPS is the Current Population Survey.

C CPS ASEC is the Annual Social and Economic Supplement of the Current Population Survey.

D The CPS ASEC was referred to as the Annual Demographic Supplement (ADS) until 2002.

E The 2014 CPS ASEC Redesign indicates the subsample of the basic CPS households which received the redesigned ASEC questionnaire incorporating new income and health insurance questions.

F The 2014 CPS ASEC Traditional indicates the subsample of the basic CPS households which received the the same ASEC questionnaire that was used in the 2013 CPS ASEC.

G The Census Bureau redesigned the CPS following the Census 2000. During phase-in of the new design, addresses from the new and old designs were in the sample.

H The Census Bureau redesigned the CPS following the 1980 Decennial Census of Population and Housing.

I The Census Bureau redesigned the CPS following the 1970 Decennial Census of Population and Housing.

Estimation Procedure. This survey's estimation procedure adjusts weighted sample results to agree with independently derived population controls of the civilian noninstitutionalized population of the United States, each state, and the District of

Columbia. These population controls[7] are prepared monthly as part of the Census Bureau's Population Estimates Program.

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

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

The population controls for the states are distributed by:

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

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

The net international migration component of the population controls includes:

- Net international migration of the foreign born;
- Net migration between the United States and Puerto Rico;
- Net migration of natives to and from the United States; and
- Net movement of the Armed Forces population to and from the United States.

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

The estimation procedure of the CPS ASEC includes a further adjustment to give married and unmarried partners the same weight.

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.

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

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

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

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

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

Answers to questions about money income often depend on the memory or knowledge of one person in a household. Recall problems can cause underestimates of income in survey data because it is easy to forget minor or irregular sources of income. Respondents may also misunderstand what the Census Bureau considers money income or may simply be unwilling to answer these questions correctly because the questions are considered too personal. For more details, please see Appendix C of U.S. Census Bureau (1993).

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 cases eligible for the 2020 ASEC, the

basic CPS household-level unweighted nonresponse rate was 23.9 percent. The household-level unweighted nonresponse rate for the ASEC was an additional 19.7 percent. These two nonresponse rates lead to a combined supplement unweighted nonresponse rate of 38.9 percent.[8]

In accordance with Census Bureau and Office of Management and Budget Quality Standards, the Census Bureau will conduct an analysis to assess nonresponse bias in the 2020 CPS ASEC.

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

As a result of sufficient partial interviews being considered responses, individual items/questions have their own response and refusal rates. As part of the nonsampling error analysis, the item response rates, item refusal rates, and edits are reviewed. For the CPS ASEC, the unweighted item refusal rates range from 0.0 percent to 3.3 percent. The unweighted item allocation rates range from 23.3 percent to 74.1 percent.

Undercoverage. The concept of coverage with a survey sampling process is defined as the extent to which the total population that could be selected for sample "covers" the survey's target population. Missed housing units and missed people within sample households create undercoverage in the CPS. Overall CPS undercoverage for March 2020 is estimated to be about ten percent. CPS coverage varies with age, sex, and race. Generally, coverage is higher for females than for males and higher for non-Blacks than for Blacks. This differential coverage is a general problem for most household-based surveys.

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

A common measure of survey coverage is the coverage ratio, calculated as the estimated population before poststratification divided by the independent population control. Table 2 shows March 2020 CPS coverage ratios by age and sex for certain race and Hispanic groups. The CPS coverage ratios can exhibit some variability from month to month.

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[8] Because the ASEC is at the household level, the overall/combined ASEC response rate is a product of the basic CPS response rate and the ASEC response rate.

Table 2. Current Population Survey Coverage Ratios: March 2020

Age group	Total			White alone		Black alone		Residual race[A]		Hispanic[B]	
	All people	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-15	0.85	0.85	0.86	0.89	0.90	0.72	0.69	0.80	0.83	0.77	0.78
16-19	0.83	0.84	0.83	0.87	0.86	0.69	0.68	0.80	0.84	0.81	0.81
20-24	0.75	0.76	0.74	0.80	0.76	0.63	0.63	0.68	0.76	0.80	0.73
25-34	0.79	0.76	0.82	0.81	0.86	0.51	0.67	0.79	0.76	0.69	0.76
35-44	0.88	0.86	0.91	0.90	0.94	0.67	0.80	0.81	0.83	0.75	0.85
45-54	0.90	0.89	0.92	0.90	0.95	0.80	0.81	0.88	0.90	0.81	0.91
55-64	0.98	0.97	0.98	0.99	1.01	0.84	0.92	0.94	0.86	0.89	0.90
65+	1.02	1.03	1.01	1.06	1.04	0.88	0.95	0.87	0.77	0.92	0.92
15+	0.90	0.89	0.91	0.92	0.94	0.71	0.80	0.83	0.81	0.79	0.84
0+	0.89	0.88	0.90	0.92	0.94	0.71	0.77	0.82	0.82	0.78	0.82

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

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

[B] Hispanics may be any race.

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

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

Data users should be aware that estimates in the reports, *Income and Poverty in the United States: 2019*, *Health Insurance Coverage in the United States: 2019*, and *The Supplemental Poverty Measure: 2019,* use the internal CPS ASEC file. The Census Bureau must keep survey responses confidential, so disclosure avoidance techniques are applied to files prior to public release. Therefore, some estimates using the microdata files may differ from the estimates provided in the reports.

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

Caution should also be used when comparing CPS ASEC results from different years. Below, more detail is provided on several reasons for caution when comparing estimates across years.

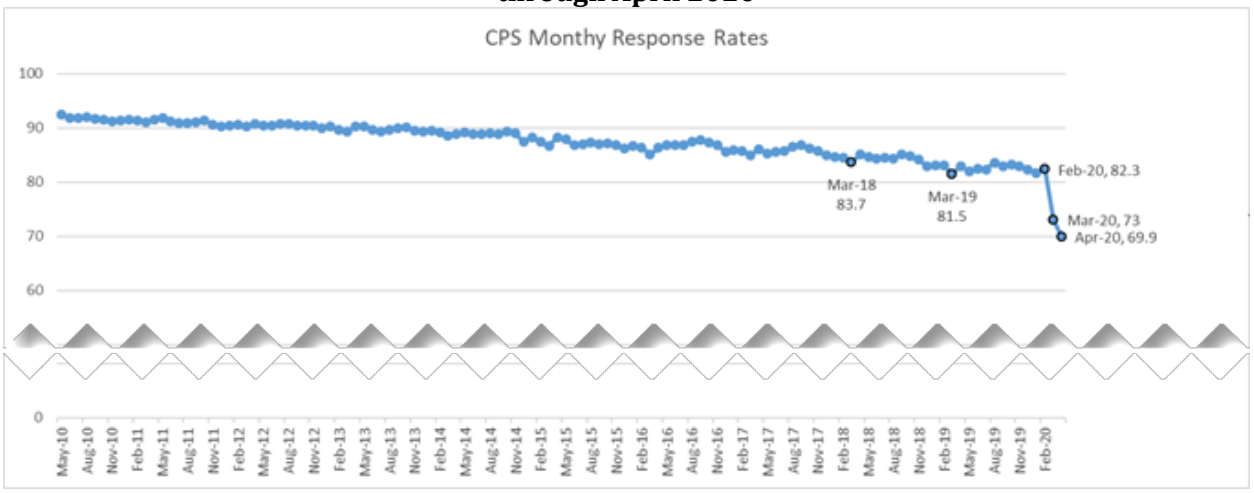
Impact of the Coronavirus Pandemic. Data users should exercise caution when comparing estimates for data year 2019 from the reports or from the microdata files to those from previous years due to the effects that the coronavirus (COVID-19) had on interviewing and response rates. Interviewing for the March CPS began on March 15th. In order to protect the health and safety of Census Bureau staff and respondents, the survey suspended in-person interviewing and closed the two CATI contact centers on March 20th. For the rest of March and through April, the Census Bureau continued to attempt all interviews by phone. For those whose first month in the survey was March or April, the Census Bureau used vendor-provided telephone numbers associated with the sample address.

While the Census Bureau went to great lengths to complete interviews by telephone, the response rate for the CPS basic household survey in March 2020 was 73[9] percent, about 10 percentage points lower than in preceding months and the same period in 2019. Further, as the Bureau of Labor Statistics (2020) stated in their Frequently Asked Questions accompanying the April 3rd release of The Employment Situation for March 2020, "Response rates for households normally more likely to be interviewed in person were particularly low. The response rate for households entering the sample for their first month was over 20 percentage points lower than in recent months, and the rate for those in the fifth month was over 10 percentage points lower."

The effect of changes in collection methods continued to be felt into April. The response rate for households entering the sample for their first month of interviewing was especially low. The unweighted April response rate for these households, which would normally have been interviewed in person, was over 30 percentage points lower than the average for the 12 months ending in February. Because the April ASEC selects households only from those in their first or fifth contact, the lower response rate translates into fewer potential ASEC households.

[9] This value differs from the response rate obtained using the values in the "Nonresponse" section because this value is specifically for March CPS whereas the values in the "Nonresponse" section are for the full CPS sample that was eligible for ASEC.

Figure 1: Unweighted Current Population Survey Monthly Response Rates for May 2010 through April 2020



Source: U.S. Census Bureau, Current Population Survey, internal data files, May 2010-April 2020.

The CPS ASEC response rate is complicated by the different months and samples that feed into the survey. Further, it includes an adjustment factor to account for those who responded to the basic survey but refused to answer the supplement. The Census Bureau estimates that the unweighted combined supplement response rate was 61.1 percent in 2020, down from 67.6 percent in 2019.

The change from conducting first interviews in person to making first contacts by telephone only is a contributing factor to the lower response rates. Further, it is likely that the characteristics of people for whom a telephone number was found may be systematically different from the people for whom the Census Bureau was unable to obtain a telephone number. While the Census Bureau creates weights designed to adjust for nonresponse and to control weighted counts to independent population estimates by age, sex, race, and Hispanic origin, the magnitude of the increase in (and differential nature of) nonresponse related to the pandemic likely reduced their effectiveness. Using administrative data, Census Bureau researchers have documented that there are more (and larger) differences between respondents and nonrespondents in 2020 than in the prior three years. Of particular interest for the estimates in the ASEC reports are the differences in median income and educational attainment, indicating that respondents in 2020 had relatively higher income and were more educated than nonrespondents.[10]

Change in Processing System. Data users should exercise caution when comparing estimates from the CPS ASEC for data years 2019 and 2018 to estimates from earlier years. An updated data processing system was implemented beginning with data year 2018 estimates. This system introduced demographic edit changes to account for same-sex couples, revised procedures for editing income and health insurance variables, and added several new income and health insurance variables. Changes to the editing procedures encompassed both changes to the resolution of logically inconsistent data and changes to the imputation methods. The

[10] For additional information, please see Rothbaum & Bee (2020).

2019 and 2020 CPS ASEC estimates for data years 2018 and 2019 can be compared to the 2018 CPS ASEC Bridge Files[11], which contain data year 2017 estimates, and to the 2017 CPS ASEC Research Files[12], which contain estimates for data year 2016. The 2017 Research File and the 2018 Bridge File both use the new processing system and serve as a bridge between the legacy production files and the updated processing system. Data users should be aware that the estimates from the 2017 and 2018 CPS ASEC Files for data years 2016 and 2017 using the legacy processing system are not directly comparable to 2019 CPS ASEC and 2020 CPS ASEC estimates.

Change in Questionnaire. In 2014, the ASEC questionnaire was resigned to incorporate new income and health insurance questions. Due to the differences in measurement, health insurance estimates for 2014-2017 CPS ASEC for data years 2013-2016 are not directly comparable to health insurance estimates for previous years.[13] For income and poverty estimates, when survey changes had statistically significant impacts, comparisons should be made by adjusting historical published estimates to approximate the magnitude of those impacts.[14]

Change in Census-Based Controls. Data users should exercise caution when comparing estimates for 2019 from the microdata file or from the ASEC reports, *Income and Poverty in the United States: 2019* and *Health Insurance Coverage in the United States: 2019* (which reflect 2010 Census-based controls), with estimates from the microdata files or ASEC Reports for 2001 to 2010 (from March 2002 CPS to March 2011 CPS), which reflect 2000 Census-based controls, and to 1993 to 2000 (from March 1994 CPS to March 2001 CPS), which reflect 1990 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 could create small differences between estimates.

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

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11 For additional information on the 2018 CPS ASEC Bridge Files, please see the Documentation and User Notes in US Census Bureau (2019b).

12 For additional information on the 2017 CPS ASEC Research Files, please see the Documentation and User Notes in US Census Bureau (2019a).

13 For more information, see U.S. Census Bureau (2019f).

14 For more details on the adjustment for these comparisons, see U.S. Census Bureau (2019g).

These differences could be disproportionately greater for certain population subgroups than for the total population.

Users should also exercise caution because of changes caused by the phase-in of the 2010 Census files (see "Basic CPS").[15] During this time period, CPS data were collected from sample designs based on different censuses. Two features of the new CPS design have the potential of affecting estimates: (1) the temporary disruption of the rotation pattern from August 2014 through June 2015 for a comparatively small portion of the sample and (2) the change in sample areas. Most of the known effect on estimates during and after the sample redesign will be the result of changing from 2000 to 2010 geographic definitions.

Research has shown that the national-level estimates of the metropolitan and nonmetropolitan populations should not change appreciably because of the new sample design. However, users should still exercise caution when comparing metropolitan and nonmetropolitan estimates across years with a design change, especially at the state level. **A Nonsampling Error Warning**. Since the full extent of the nonsampling error is unknown, one should be particularly careful when interpreting results based on small differences between estimates. The Census Bureau recommends that data users incorporate information about nonsampling errors into their analyses, as nonsampling error could impact the conclusions drawn from the results. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures (such as medians and percentage distributions) probably do not reveal useful information when computed on a subpopulation smaller than 75,000.

For additional information on nonsampling error, including the possible impact on CPS data, when known, refer to U.S. Census Bureau (2019e) and Brooks & Bailar (1978).

Estimation of Median Incomes. The Census Bureau has changed the methodology for computing median income over time. The Census Bureau has computed medians using either Pareto interpolation or linear interpolation. Currently, we are using linear interpolation to estimate all medians. Pareto interpolation assumes a decreasing density of population within an income interval, whereas linear interpolation assumes a constant density of population within an income interval.

The Census Bureau calculated estimates of median income and associated standard errors for 1979 through 1987 using Pareto interpolation if the estimate was larger than $20,000 for people or $40,000 for families and households. We calculated estimates of median income and associated standard errors for 1976, 1977, and 1978 using Pareto interpolation if the estimate was larger than $12,000 for people or $18,000 for families and households. All other estimates of median income and associated standard errors for 1976 through 2019 (2020 CPS ASEC), and almost all of the estimates of median income and associated standard errors for 1975 and earlier, were calculated using linear interpolation. Thus, use caution when comparing median incomes above $12,000 for people or $18,000

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

for families and households for different years. Median incomes below those levels are more comparable from year to year since they have always been calculated using linear interpolation. For an indication of the comparability of medians calculated using Pareto interpolation with medians calculated using linear interpolation, see U.S. Census Bureau (1978) and U.S. Census Bureau (1993).

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

A particular confidence interval may or may not contain the average estimate derived from all possible samples, but one can say with the specified confidence that the interval includes the average estimate calculated from all possible samples.
Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this 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.

The tables in *Income and Poverty in the United States: 2019, Health Insurance Coverage in the United States: 2019*, and *The Supplemental Poverty Measure: 2019* list estimates followed by a number labeled "Margin of Error (±)." This number can be added to and subtracted from the estimates to calculate upper and lower bounds of the 90-percent confidence interval. For example, *Health Insurance Coverage in the United States: 2019* shows the numbers for health insurance. For the statement, "8.0 percent of people were uninsured for the entire calendar year," the 90-percent confidence interval for the estimate, 8.0 percent, is 8.0 (± 0.2) percent, or 7.8 percent to 8.2 percent.[16]

[16] Note that the confidence interval here does not match the confidence interval given in Illustration 3 because the standard errors/margin of errors were calculated in two different ways. The margin of errors within the tables in the reports are calculated using direct estimates, whereas the standard errors within the illustrations later in this document are calculated using generalized variance estimates.

Estimating Standard Errors. The Census Bureau uses replication methods to estimate the standard errors of CPS and ASEC 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 2020 CPS ASEC microdata file.

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

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

The *Income and Poverty in the United States: 2019*, *Health Insurance Coverage in the United States: 2019*, and *The Supplemental Poverty Measure: 2019* reports use replicate weights to calculate the margins of error of the estimates seen in tables and throughout the reports. In 2009, the Census Bureau released replicate weights for the 2005 through 2009 CPS ASEC collection years and has released replicate weights for each year since with the release of the CPS ASEC public use data. Since the published GVF parameters generally underestimated standard errors, standard errors produced using direct estimates may be higher than in previous reports. For most CPS ASEC estimates, the increase in standard errors from GVF to direct estimates will not alter the findings. However, marginally significant differences using the GVF may not be significant using replicate weights.

The examples in this source and accuracy statement are for guidance calculating standard errors using the generalized variance parameters. The use of generalized variance parameters is the recommended method of calculating standard errors for data users who do not have the ability to calculate the standard errors using replicate weights.

Replicate Weighting. The Census Bureau is releasing public use replicate weight files for the 2020 CPS ASEC that can be matched to the microdata files.

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

calculate the total variance for the item of interest. For example, say that the item of interest is the number of males. Tally the weights for all the records that indicated male to create the 160 replicate estimates of the number of males. Then use these estimates in the formula to calculate the total variance for the number of males.

Calculate variance estimates for the estimates using:

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

where $\hat{\theta}_0$ is the estimate of the statistic of interest, such as a point estimate or proportion, using the weight for the full sample, and $\hat{\theta}_i$ are the replicate estimates of the same statistic using the replicate weights. The standard error is the square root of the variance.
For more information on using replicate weights and calculating direct estimates, see U.S. Census Bureau (2009).

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

Experience has shown that certain groups of estimates have similar relationships between their variances and expected values. Modeling or generalizing may provide more stable variance estimates by taking advantage of these similarities. The GVF is a simple model that expresses the variance as a function of the expected value of the survey estimate. The parameters of the GVF are estimated using direct replicate variances. These GVF parameters provide a relatively easy method to obtain approximate standard errors for numerous characteristics.

In this source and accuracy statement:

- Tables 4 through 17 provide illustrations for calculating standard errors;
- Table 18 provides the GVF parameters for labor force estimates;
- Table 19 provides GVF parameters for characteristics from the 2020 CPS ASEC;
- Tables 20 and 21 provide correlation coefficients for comparing estimates from consecutive years;
- Table 22 provides correlation coefficients between race and subgroups; and
- Tables 23 and 24 provide factors and population controls to derive state and regional parameters.

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

The GVF parameters to use in computing standard errors are dependent upon the race/ethnicity group of interest. Table 3 summarizes the relationship between the race/ethnicity group of interest and the GVF parameters to use in standard error calculations.

Table 3. Estimation Groups of Interest and Generalized Variance Parameters

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

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

[A] Hispanics may be any race.

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

Note: 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).

When calculating standard errors for an estimate of interest from cross-tabulations involving different characteristics, use the set of GVF parameters for the characteristic that will give the largest standard error. If the estimate of interest is strictly from basic CPS data, the GVF parameters will come from the CPS GVF table (Table 18). If the estimate is using ASEC data, the GVF parameters will come from the ASEC GVF table (Table 19).

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

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

Here x is the size of the estimate, and a and b are the parameters in Table 18 or 19 associated with the particular type of characteristic.

Illustration 1
Suppose there were 3,826,000 unemployed females (ages 16 and up) in the civilian labor force. Table 4 shows how to use the appropriate parameters from Table 18 and Formula (2) to estimate the standard error and confidence interval.

Table 4. Illustration of Standard Errors of Estimated Numbers

Number of unemployed females in the civilian labor force (x)	3,826,000
a-parameter (a)	-0.000028
b-parameter (b)	2,788
Standard error	101,000
90-percent confidence interval	3,660,000 to 3,992,000

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

The standard error is calculated as

$$s_x = \sqrt{-0.000028 \times 3{,}826{,}000^2 + 2{,}788 \times 3{,}826{,}000},$$

which, rounded to the nearest thousand, is 101,000. The 90-percent confidence interval is calculated as 3,826,000 ± 1.645 × 101,000.

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

Illustration 2
Suppose there were 62,342,000 married-couple family households. Table 5 shows how to use the appropriate parameters from Table 19 and Formula (2) to estimate the standard error and confidence interval.

Table 5. Second Illustration of Standard Errors of Estimated Numbers

Number of married-couple family households (x)	62,342,000
a-parameter (a)	-0.000009
b-parameter (b)	3,238
Standard error	409,000
90-percent confidence interval	61,669,000 to 63,015,000

Source: U.S. Census Bureau, Current Population Survey, 2020 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_x = \sqrt{-0.000009 \times 62{,}342{,}000^2 + 3{,}238 \times 62{,}342{,}000}$$

which, rounded to the nearest thousand, is 409,000. The 90-percent confidence interval is calculated as 62,342,000 ± 1.645 × 409,000.

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 18 or 19 as indicated by the numerator.

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

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

Here y is the total number of people, families, households, or unrelated individuals in the base or denominator of the percentage, p is the percentage $100^*x/y$ ($0 \le p \le 100$), and b is the parameter in Table 18 or 19 associated with the characteristic in the numerator of the percentage.

Illustration 3

The report, *Health Insurance Coverage in the United States: 2019*, shows that there were 26,111,000 out of 324,550,000 people, or 8.0 percent, who did not have health insurance. Table 6 shows how to use the appropriate parameters from Table 19 and Formula (3) to estimate the standard error and confidence interval.

Table 6. Illustration of Standard Errors of Estimated Percentages

Percentage of people without health insurance (p)	8.0
Base (y)	324,550,000
b-parameter (b)	3,022
Standard error	0.08
90-percent confidence interval	7.9 to 8.1

Source: U.S. Census Bureau, Current Population Survey, 2020 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{3{,}022}{324{,}550{,}000} \times 8.0 \times (100.0 - 8.0)} = 0.08$$

and the 90-percent confidence interval for the estimated percentage of people without health insurance is from 7.9 to 8.1 percent (i.e., 8.0 ± 1.645 × 0.08).

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

$$s_{x_1-x_2} = \sqrt{{s_{x_1}}^2 + {s_{x_2}}^2 - 2rs_{x_1}s_{x_2}} \quad (4)$$

where s_{x_1} and s_{x_2} are the standard errors of the estimates, x_1 and x_2. The estimates can be numbers, percentages, ratios, etc. Tables 20 and 21 contain the correlation coefficient, *r*, for CPS year-to-year comparisons for CPS poverty, income, and health insurance estimates of numbers and proportions. Table 22 contains the correlation coefficient *r* for making comparisons between race categories that are subsets of one another. For example, to compare the number of people in poverty who listed White as their only race to the number of people in poverty who are White alone or in combination with another race, a correlation coefficient is needed to account for the large overlap between the two groups. For making other comparisons (including race overlapping where one group is not a complete subset of the other), assume that *r* equals zero. Making this assumption will result in accurate estimates of standard errors for the difference between two estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. However, if there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

Illustration 4

Suppose there were 25,886,000 men over age 24 who were never married and 10,626,000 men over age 24 who were divorced. The apparent difference is 15,260,000. Table 7 shows how to use Formulas (2) and (4) with $r = 0$ and the appropriate parameters from Table 19 to estimate the standard errors and confidence intervals.

Table 7. Illustration of Standard Errors of Estimated Differences

	Never married (x_1)	Divorced (x_2)	Difference
Number of males over age 24	25,886,000	10,626,000	15,260,000
a-parameter (a)	-0.000009	-0.000009	-
b-parameter (b)	2,808	2,808	-
Standard error	258,000	170,000	309,000
90-percent confidence interval	25,462,000 to 26,310,000	10,346,000 to 10,906,000	14,752,000 to 15,768,000

Source: U.S. Census Bureau, Current Population Survey, 2020 Annual Social and Economic Supplement.

The standard error of the difference is calculated as

$$s_{x_1-x_2} = \sqrt{258{,}000^2 + 170{,}000^2}$$

which, rounded to the nearest thousand, is 309,000. The 90-percent confidence interval around the difference is calculated as 15,260,000 ± 1.645 × 309,000. Since this interval

does not include zero, we can conclude with 90-percent confidence that the number of never-married men over age 24 was higher than the number of divorced men over age 24.

Illustration 5

The report, *Income and Poverty in the United States: 2019*, shows that 11,869,000 out of 73,284,000 children, or 16.2 percent, were reported as in poverty in 2018, and that 10,466,000 out of 72,637,000, or 14.4 percent, were in poverty in 2019. The apparent difference is 1.8 percent. Table 8 shows how to use the appropriate parameters from Table 19 and Formulas (3) and (4) to estimate the standard error and confidence interval.

Table 8. Illustration of Standard Errors of Estimated Differences

	2018 (x_1)	2019 (x_2)	Difference
Percentage of children in poverty (p)	16.2	14.4	1.8
Base	73,284,000	72,637,000	-
b-parameter (b)	2,718[A]	3,781	-
Correlation coefficient (r)	-	-	0.45
Standard error	0.22	0.25	0.25
90-percent confidence interval	15.8 to 16.6	14.0 to 14.8	1.4 to 2.2

Source: U.S. Census Bureau, Current Population Survey, 2019-2020 Annual Social and Economic Supplement.

[A] This value comes from the Source and Accuracy Statement for the 2019 Annual Social and Economic Supplement, Appendix G, Table 19 in U.S. Census Bureau (2019d). For additional information, see the "Year-to-Year Factors" section.

The standard error of the difference is calculated as

$$s_{x_1-x_2} = \sqrt{0.22^2 + 0.25^2 - 2 \times 0.45 \times 0.22 \times 0.25} = 0.25$$

and the 90-percent confidence interval around the difference is calculated as $1.8 \pm 1.645 \times 0.25$. Since this interval does not include zero, we can conclude with 90-percent confidence that the percentage of children in poverty in 2019 is significantly less than the percentage of children in poverty in 2018.

Standard Errors of Estimated Ratios. Certain estimates may be calculated as the ratio of two numbers. Compute the standard error of a ratio, x/y, using

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

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

For one type of ratio, the denominator is a count of families or households and the numerator is a count of people in those families or households with a certain characteristic. If there is at least one person with the characteristic in every family or household, use 0.7 as an estimate of r. An example of this type is the average number of children per family with children.

For all other types of ratios, r is assumed to be zero. Examples are the average number of children per family and the family poverty rate. If r is actually positive (negative), then this procedure will provide an overestimate (underestimate) of the standard error of the ratio.

Note: For estimates expressed as the ratio of x per 100 y or x per 1,000 y, multiply Formula (5) by 100 or 1,000, respectively, to obtain the standard error.

Illustration 6

Suppose there were 11,328,000 males working part-time and 17,534,000 females working part-time. The ratio of males working part-time to females working part-time would be 0.646, or 64.6 percent. Table 9 shows how to use the appropriate parameters from Table 18 and Formulas (2) and (5) with $r = 0$ to estimate the standard errors and confidence intervals.

Table 9. Illustration of Standard Errors of Estimated Ratios

	Males (x)	Females (y)	Ratio
Number who work part-time	11,328,000	17,534,000	0.646
a-parameter (a)	-0.000031	-0.000028	-
b-parameter (b)	2,947	2,788	-
Standard error	171,000	201,000	0.012
90-percent confidence interval	11,047,000 to 11,609,000	17,203,000 to 17,865,000	0.626 to 0.666

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

The standard error is calculated as

$$s_{x/y} = \frac{11{,}328{,}000}{17{,}534{,}000}\sqrt{\left(\frac{171{,}000}{11{,}328{,}000}\right)^2 + \left(\frac{201{,}000}{17{,}534{,}000}\right)^2} = 0.012$$

and the 90-percent confidence interval is calculated as $0.646 \pm 1.645 \times 0.012$.

Illustration 7

The report, *Income and Poverty in the United States: 2019*, shows that the number of families below the poverty level, x, was 6,554,000 and the total number of families, y, was 83,698,000. The ratio of families below the poverty level to the total number of families would be 0.078 or 7.8 percent. Table 10 shows how to use the appropriate parameters from Table 19 and Formulas (2) and (5) with $r = 0$ to estimate the standard errors and confidence intervals.

Table 10. Second Illustration of Standard Errors of Estimated Ratios

	In poverty (x)	Total (y)	Ratio (in percent)
Number of families	6,554,000	83,698,000	7.8
a-parameter (a)	0.000103	-0.000009	-
b-parameter (b)	5,529	3,238	-
Standard error	202,000	456,000	0.24
90-percent confidence interval	6,222,000 to 6,886,000	82,948,000 to 84,448,000	7.4 to 8.2

Source: U.S. Census Bureau, Current Population Survey, 2020 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_{x/y} = \frac{6{,}554{,}000}{83{,}698{,}000}\sqrt{\left(\frac{202{,}000}{6{,}554{,}000}\right)^2 + \left(\frac{456{,}000}{83{,}698{,}000}\right)^2} = 0.0024 = 0.24\%$$

and the 90-percent confidence interval of the percentage is calculated as 7.8 ± 1.645 × 0.24.

Standard Errors of Estimated Medians. The sampling variability of an estimated median depends on the form of the distribution and the size of the base. One can approximate the reliability of an estimated median by determining a confidence interval about it. (See "Standard Errors and Their Use" for a general discussion of confidence intervals.)

Estimate the 68-percent confidence limits of a median based on sample data using the following procedure:

1. Using Formula (3) and the base of the distribution, calculate the standard error of 50 percent.

2. Add to and subtract from 50 percent the standard error determined in step 1. These two numbers are the percentage limits corresponding to the 68-percent confidence interval about the estimated median.

3. Using the distribution of the characteristic, determine upper and lower limits of the 68-percent confidence interval by calculating values corresponding to the two points established in step 2.

   Note: The percentage limits found in step 2 may or may not fall in the same characteristic distribution interval.

   Use the following formula to calculate the upper and lower limits:

$$X_p = \frac{pN - N_1}{N_2 - N_1}(A_2 - A_1) + A_1 \qquad (6)$$

   where

X_p = estimated upper and lower bounds for the confidence interval ($0 \leq p \leq 1$). For purposes of calculating the confidence interval, p takes on the values determined in step 2. Note that X_p estimates the median when $p = 0.50$.

N = <u>for distribution of numbers</u>: the total number of units (people, households, etc.) for the characteristic in the distribution.

= <u>for distribution of percentages</u>: the value 100.

p = the values obtained in Step 2.

A_1, A_2 = the lower and upper bounds, respectively, of the interval containing X_p.

N_1, N_2 = <u>for distribution of numbers</u>: the estimated number of units (people, households, etc.) with values of the characteristic less than or equal to A_1 and A_2, respectively.

= <u>for distribution of percentages</u>: the estimated percentage of units (people, households, etc.) having values of the characteristic less than or equal to A_1 and A_2, respectively.

4. Divide the difference between the two points determined in step 3 by 2 to obtain the standard error of the median.

Note: Median incomes and their standard errors calculated as below may differ from those in published tables and reports showing income, since narrower income intervals were used in those calculations.

<u>Illustration 8</u>
The report, *Income and Poverty in the United States: 2019*, shows that there were 128,451,000 households, and their income was distributed as shown in Table 11.

Table 11. Distribution of Household Income for Illustration 8

Income level	Number of households	Cumulative number of households	Cumulative percent of households
Under $5,000	3,821,000	3,821,000	2.97%
$5,000 to $9,999	2,833,000	6,654,000	5.18%
$10,000 to $14,999	5,003,000	11,657,000	9.08%
$15,000 to $24,999	10,287,000	21,944,000	17.08%
$25,000 to $34,999	10,828,000	32,772,000	25.51%
$35,000 to $49,999	14,980,000	47,752,000	37.18%
$50,000 to $74,999	21,057,000	68,809,000	53.57%
$75,000 to $99,999	15,923,000	84,732,000	65.96%
$100,000 and over	43,719,000	128,451,000*	100.00%*

Source: U.S. Census Bureau, Current Population Survey, 2020 Annual Social and Economic Supplement.
*There may be a difference due to rounding.

1. Using Formula (3) with b = 3,938, the standard error of 50 percent on a base of 128,451,000 is about 0.28 percent.

2. To obtain a 68-percent confidence interval on an estimated median, add to and subtract from 50 percent the standard error found in step 1. This yields percentage limits of 49.72 and 50.28.

3. The lower and upper limits for the interval in which the percentage limits falls are $50,000 and $75,000, respectively.

   Then the estimated numbers of households with an income less than or equal to $50,000 and $75,000 are 47,752,000 and 68,809,000, respectively.

   Using Formula (6), the lower limit for the confidence interval of the median is found to be about

$$X_{0.4972} = \frac{0.4972 \times 128{,}451{,}000 - 47{,}752{,}000}{68{,}809{,}000 - 47{,}752{,}000}(75{,}000 - 50{,}000) + 50{,}000 = 69{,}131$$

   Similarly, the upper limit is found to be about

$$X_{0.5028} = \frac{0.5028 \times 128{,}451{,}000 - 47{,}752{,}000}{68{,}809{,}000 - 47{,}752{,}000}(75{,}000 - 50{,}000) + 50{,}000 = 69{,}985$$

   Thus, a 68-percent confidence interval for the median income for households is from $69,131 to $69,985.

4. The standard error of the median is, therefore,

$$\frac{69{,}985 - 69{,}131}{2} = 427.0$$

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

$$s_{\bar{x}} = \sqrt{\frac{b}{y}(S^2)} \tag{7}$$

In this formula, y is the size of the base of the distribution and b is the parameter from Table 4 or 5. The variance, S^2, is given by the following formula:

$$S^2 = \sum_{i=1}^{c} p_i \bar{x}_i^2 - \bar{x}^2 \tag{8}$$

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

$$\bar{x} = \sum_{i=1}^{c} p_i \bar{x}_i \tag{9}$$

where

c = the number of groups; i indicates a specific group, thus taking on values 1 through c.

p_i = estimated proportion of households, families, or people whose values for the characteristic being considered fall in group i.

$\bar{x}_i$ = $(Z_{Li} + Z_{Ui})/2$ where Z_{Li} and Z_{Ui} are the lower and upper interval boundaries, respectively, for group i. $\bar{x}_i$ is assumed to be the most representative value for the characteristic of households, families, or people in group i. If group c is open-ended, i.e., no upper interval boundary exists, use a group approximate average value of

$$\bar{x}_c = \frac{3}{2} Z_{L_c} \tag{10}$$

Illustration 9

The report, *Income and Poverty in the United States: 2019*, shows that there were 6,554,000 families in poverty. Table 12 shows the distribution of the income deficit (the difference between their family income and poverty threshold) for all families in poverty.

Table 12. Distribution of Income Deficit for Illustration 9

Income deficit	Number of families in poverty	Percentage of families in poverty (p_i)	Average income deficit ($\overline{x}_i$)
Under $1000	468,000	7.1%	500
$1000 to $2,499	514,000	7.8%	1,750
$2,500 to $4,999	899,000	13.7%	3,750
$5,000 to $7,499	805,000	12.3%	6,250
$7,500 to $9,999	760,000	11.6%	8,750
$10,000 to $12,499	589,000	9.0%	11,250
$12,500 to $14,999	528,000	8.1%	13,750
$15,000 and over	1,991,000	30.4%	22,500
Total	6,554,000*	100%*	

Source: U.S. Census Bureau, Current Population Survey, 2020 Annual Social and Economic Supplement.
*There may be a difference due to rounding.

Using Formula (9),

$$\bar{x} = (0.071 \times 500) + (0.078 \times 1{,}750) + (0.137 \times 3{,}750) + (0.123 \times 6{,}250) + (0.116 \times 8{,}750) + (0.090 \times 11{,}250) + (0.081 \times 13{,}750) + (0.304 \times 22{,}500) = 11{,}436$$

and Formula (8),

$$S^2 = (0.071 \times 500^2) + (0.078 \times 1{,}750^2) + (0.137 \times 3{,}750^2) + (0.123 \times 6{,}250^2) + (0.116 \times 8{,}750^2) + (0.090 \times 11{,}250^2) + (0.081 \times 13{,}750^2) + (0.304 \times 22{,}500^2) - 11{,}436^2 = 65{,}692{,}000$$

Table 13 shows how to use the appropriate parameter from Table 19 and Formula (7) to estimate the standard error and confidence interval.

Table 13. Illustration of Standard Errors of Averages for Grouped Data

Average income deficit for families in poverty ($\overline{x}$)	$11,436
Variance (S^2)	65,692,000
Base (y)	6,554,000
b-parameter (b)	5,529
Standard error	$235
90-percent confidence interval	$11,049 to $11,823

Source: U.S. Census Bureau, Current Population Survey, 2020 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{5{,}529}{6{,}554{,}000}(65{,}692{,}000)} = 235$$

and the 90-percent confidence interval is calculated as $11,436 ± 1.645 × $235.

Standard Errors of Estimated Per Capita Deficits. Certain average values in reports associated with the CPS ASEC data represent the per capita deficit for households of a certain class. The average per capita deficit is approximately equal to

$$x = \frac{hm}{p} \tag{11}$$

where

h = number of households in the class.

m = average deficit for households in the class.

p = number of people in households in the class.

x = average per capita deficit of people in households in the class.

To approximate standard errors for these averages, use the formula

$$s_x = \frac{hm}{p}\sqrt{\left(\frac{s_m}{m}\right)^2 + \left(\frac{s_p}{p}\right)^2 + \left(\frac{s_h}{h}\right)^2 - 2r\left(\frac{s_p}{p}\right)\left(\frac{s_h}{h}\right)} \tag{12}$$

In Formula (12), r represents the correlation between p and h.

For one type of average, the class represents households containing a fixed number of people. For example, h could be the number of 3-person households. In this case, there is an exact correlation between the number of people in households and the number of households. Therefore, $r = 1$ for such households. For other types of averages, the class represents households of other demographic types, for example, households in distinct regions, households in which the householder is of a certain age group, and owner-occupied and tenant-occupied households. In this and other cases in which the correlation between p and h is not perfect, use 0.7 as an estimate of r.

Illustration 10

The report, *Income and Poverty in the United States: 2019*, shows that there were 22,431,000 people living in families in poverty, and 6,554,000 families in poverty, with an average deficit income for families in poverty of $11,436 with a standard error of $235 (from Illustration 9). Table 14 shows how to use Formulas (2), (11), and (12) and the appropriate parameters from Table 19 and $r = 0.7$ to estimate the standard errors and confidence intervals.

Table 14. Illustration of Standard Errors of Estimated Medians

	Number (h)	Number of people (p)	Average income deficit (m)	Average per capita deficit (x)
Value for families in poverty	6,554,000	22,431,000	$11,436	$3,341
a-parameter (a)	0.000103	-0.000113	-	-
b-parameter (b)	5,529	3,838	-	-
Correlation (r)	-	-	-	0.7
Standard error	202,000	171,000	$235	$111
90-percent confidence interval	6,222,000 to 6,886,000	22,150,000 to 22,712,000	$11,049 to $11,823	$3,158 to $3,524

Source: U.S. Census Bureau, Current Population Survey, 2020 Annual Social and Economic Supplement.

The estimate of the average per capita deficit is calculated as

$$x = \frac{6{,}554{,}000 \times 11{,}436}{22{,}431{,}000} = 3{,}341$$

and the standard error is calculated as

$$s_x = \frac{6{,}554{,}000 \times 11{,}436}{22{,}431{,}000} \sqrt{\left(\frac{235}{11{,}436}\right)^2 + \left(\frac{171{,}000}{22{,}431{,}000}\right)^2 + \left(\frac{202{,}000}{6{,}554{,}000}\right)^2 - 2 \times 0.7 \times \left(\frac{171{,}000}{22{,}431{,}000}\right) \times \left(\frac{202{,}000}{6{,}554{,}000}\right)}$$
$$= 111$$

The 90-percent confidence interval is calculated as $\$3{,}341 \pm 1.645 \times \$111$.

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.

Note: The Census Bureau recommends the use of 3-year averages to compare estimates across states and 2-year averages to evaluate changes in state income and poverty estimates over time. See "Standard Errors of Data for Combined Years." Further, the *Income and Poverty in the United States* report no longer presents state estimates. Therefore, the Census Bureau recommends the American Community Survey (ACS) microdata file as the preferred source for income and poverty state

data in years 2006 (2005 estimates) to the present. A questionnaire redesign introduced with the 2014 CPS ASEC and an updated processing system introduced with the 2019 CPS ASEC each mark the start of new time series for health insurance estimates in the CPS ASEC, so data users should not create multiyear averages across these years.

Standard Errors of State Estimates. The standard error for a state may be obtained by determining new state-level a- and b-parameters and then using these adjusted parameters in the standard error formulas mentioned previously. To determine a new state-level b-parameter (b_{state}), multiply the b-parameter from Table 18 or 19 by the state factor from Table 23. To determine a new state-level a-parameter (a_{state}), use the following:

(1) If the a-parameter from Table 18 or 19 is positive, multiply it by the state factor from Table 23.

(2) If the a-parameter in Table 18 or 19 is negative, calculate the new state-level a-parameter as follows:

$$a_{state} = \frac{-b_{state}}{POP_{state}} \qquad (13)$$

where POP_{state} is the state population found in Table 23.

Illustration 11

Suppose there were 14,201,000 people living in New York state who were born in the United States. Table 15 shows how to use Formulas (2) and (13) and the appropriate parameter, factor, and population from Tables 19 and 23 to estimate the standard error and confidence interval.

Table 15. Illustration of Standard Errors of State Estimates

Number of people in New York born in the U.S. (x)	14,201,000
b-parameter (b)	2,808
New York state factor	1.19
State population	19,173,378
State b-parameter (b_{state})	3,342
State a-parameter (a_{state})	-0.000174
Standard error	111,000
90-percent confidence interval	14,018,000 to 14,384,000

Source: U.S. Census Bureau, Current Population Survey, 2020 Annual Social and Economic Supplement.

Obtain the state-level b-parameter by multiplying the b-parameter, 2,808 by the state factor, 1.19. This gives b_{state} = 2,808 × 1.19 = 3,342. Obtain the needed state-level a-parameter by

$$a_{state} = \frac{-3{,}342}{19{,}173{,}378} = -0.000174$$

The standard error of the estimate of the number of people in New York state who were born in the United States can then be found by using Formula (2) and the new state-level *a*- and *b*- parameters, -0.000174 and 3,342, respectively. The standard error is given by

$$s_x = \sqrt{-0.000174 \times 14{,}201{,}000^2 + 3{,}342 \times 14{,}201{,}000}$$

which, rounded to the nearest thousand, is 111,000.

Standard Errors of Regional Estimates. To compute standard errors for regional estimates, follow the steps for computing standard errors for state estimates found in "Standard Errors for State Estimates" using the regional factors and populations found in Table 24.

Illustration 12
The report, *Income and Poverty in the United States: 2019*, shows that there were 14,845,000 of 124,032,005 people, or 12.0 percent, living in poverty in the South. Table 16 shows how to use Formulas (3) and (13) and the appropriate parameter, factor, and population from Tables 19 and 24 to estimate the standard error and confidence interval.

Table 16. Illustration of Standard Errors of Regional Estimates

Poverty rate in the South (p)	12.0
Base (y)	124,032,005
b-parameter (b)	3,838
South regional factor	1.13
Regional b-parameter (b_{region})	4,337
Standard error	0.19
90-percent confidence interval	11.7 to 12.3

Source: U.S. Census Bureau, Current Population Survey, 2020 Annual Social and Economic Supplement.

Obtain the region-level b-parameter by multiplying the b-parameter, 3,838, by the South regional factor, 1.13. This gives $b_{region} = 3{,}838 \times 1.13 = 4{,}337$

The standard error of the estimate of the poverty rate for people living in the South can then be found by using Formula (3) and the new region-level b-parameter, 4,337. The standard error is given by

$$s_{y,p} = \sqrt{\frac{4{,}337}{124{,}032{,}005} \times 12.0 \times (100 - 12.0)} = 0.19$$

and the 90-percent confidence interval of the poverty rate for people living in the South is calculated as $12.0 \pm 1.645 \times 0.19$.

Standard Errors of Groups of States. The standard error calculation for a group of states is similar to the standard error calculation for a single state. First, calculate a new state

group factor for the group of states. Then, determine new state group a- and b-parameters. Finally, use these adjusted parameters in the standard error formulas mentioned previously.

Use the following formula to determine a new state group factor:

$$state\ group\ factor = \frac{\sum_{i=1}^{n} POP_i \times state\ factor_i}{\sum_{i=1}^{n} POP_i} \tag{14}$$

where POP_i and $state\ factor_i$ are the population and factor for state *i* from Table 23. To obtain a new state group b-parameter ($b_{state\ group}$), multiply the b-parameter from Table 18 or 19 by the state group factor obtained by Formula (14). To determine a new state group a-parameter ($a_{state\ group}$), use the following:

(1) If the a-parameter from Table 18 or 19 is positive, multiply it by the state group factor determined by Formula (14).

(2) If the a-parameter in Table 18 or 19 is negative, calculate the new state group a-parameter as follows:

$$a_{state\ group} = \frac{-b_{state\ group}}{\sum_{i=1}^{n} POP_i} \tag{15}$$

Illustration 13
Suppose the state group factor for the state group Illinois-Indiana-Michigan was required. The appropriate factor would be

$$state\ group\ factor = \frac{12{,}451{,}406 \times 1.17 + 6{,}657{,}419 \times 1.11 + 9{,}883{,}888 \times 1.11}{12{,}451{,}406 + 6{,}657{,}419 + 9{,}883{,}888} = 1.14$$

Standard Errors of Data for Combined Years. Sometimes estimates for multiple years are combined to improve precision. For example, suppose $\bar{x}$ is an average derived from *n* consecutive years' data, i.e., $\bar{x} = \sum_{i=1}^{n} \frac{x_i}{n}$, where the x_i are the estimates for the individual years. Use the formulas described previously to estimate the standard error, s_{x_i}, of each year's estimate. Then the standard error of $\bar{x}$ is

$$s_{\bar{x}} = \frac{s_x}{n} \tag{16}$$

where

$$s_x = \sqrt{\sum_{i=1}^{n} s_{x_i}^2 + 2r \sum_{i=1}^{n-1} s_{x_i} s_{x_{i+1}}} \tag{17}$$

and s_{x_i} are the standard errors of the estimates x_i. Tables 20 and 21 contain the correlation coefficients, *r*, for the correlation between consecutive years *i* and *i*+1. Correlation between nonconsecutive years is zero. The correlations were derived for income, poverty, and health insurance estimates, but they can be used for other types of estimates where the year-to-year correlation between identical households is high.

The Census Bureau recommends the use of 3-year average estimates for certain small population subgroups[17] (see also "Accuracy of State Estimates.") Two-year moving averages are recommended for these small population subgroups for comparisons across adjacent years.

Illustration 14

The report, *Income and Poverty in the United States: 2019*, provides the percentages of families in poverty. Suppose the 2017-2019[18] 3-year average percentage of families with female householder, no husband present, in poverty was 24.4. Suppose the percentages and bases for 2017, 2018, and 2019 were 26.2, 24.9, and 22.2 percent and 15,305,000, 15,052,000, and 14,838,000 respectively. Table 17 shows how to use the appropriate parameters and correlation coefficients from Tables 19 and 21 and Formulas (3), (16), and (17) to estimate the standard error and confidence interval.

Table 17. Illustration of Standard Errors of Data for Combined Years

	2017	2018	2019	2017-2019 Average
Percentage of families with female householder, no husband present, in poverty (*p*)	26.2	24.9	22.2	24.4
Base (*y*)	15,305,000	15,052,000	14,838,000	-
b-parameter (*b*)	1,518[A]	3,631[B]	5,529	-
Correlation (*r*)	-	-	-	0.35
Standard error	0.44	0.67	0.80	0.46
90-percent confidence interval	25.5 to 26.9	23.8 to 26.0	20.9 to 23.5	23.6 to 25.2

Source: U.S. Census Bureau, Current Population Survey, 2018-2020 Annual Social and Economic Supplement.

[A] This value comes from the Source and Accuracy Statement for the 2018 Annual Social and Economic Supplement, Appendix G, Table 19 in U.S. Census Bureau (2018). For additional information, see the "Year-to-Year Factors" section.

[B] This value comes from the Source and Accuracy Statement for the 2019 Annual Social and Economic Supplement, Appendix G, Table 19 in U.S. Census Bureau (2019d). For additional information, see the "Year-to-Year Factors" section.

[17] Estimates of characteristics of the American Indian and Alaska Native (AIAN) and Native Hawaiian and Other Pacific Islander (NHOPI) populations based on a single-year sample would be unreliable due to the small size of the sample that can be drawn from either population. Accordingly, such estimates are based on multiyear averages.

[18] The estimates for data year 2017 come from the CPS ASEC 2018 Bridge Files, and the estimates for data year 2018 come from the 2019 CPS ASEC Files.

The standard error of the 3-year average is calculated as

$$s_{\bar{x}} = \frac{1.37}{3} = 0.46$$

where

$$s_x = \sqrt{0.44^2 + 0.67^2 + 0.80^2 + (2 \times 0.35 \times 0.44 \times 0.67) + (2 \times 0.35 \times 0.67 \times 0.80)} = 1.37$$

The 90-percent confidence interval for the 3-year average percentage of families with a female householder, no husband present, in poverty is $24.4 \pm 1.645 \times 0.46$.

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

Year-to-Year Factors. In past years, the Census Bureau published a table of year factors for the CPS ASEC Supplement in the Source and Accuracy Statement. User demand for these factors has diminished with the introduction of replicate weights. Data users producing estimates from prior years should consult the Source and Accuracy Statements covering the years of their analysis to estimate standard errors.

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 18. Parameters for Computation of Standard Errors for Labor Force Characteristics: March 2020

Characteristic	*a*	*b*
Total or White		
Civilian labor force, employed	-0.000013	2,481
Not in labor force	-0.000013	2,432
Unemployed	-0.000017	3,244
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	-0.000117	3,601
Men	-0.000249	3,465
Women	-0.000190	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	-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	-0.000087	3,316
Men	-0.000172	3,276
Women	-0.000158	3,001
Both sexes, 16 to 19 years	-0.000909	3,316

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

Notes: These parameters are to be applied to basic CPS monthly labor force estimates. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. For same-sex households, multiply the a- and b-parameters by 1.3. 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. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Hispanic, and Asian, AIAN, NHOPI parameters. For the groups self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all employment characteristics.

Table 19. Parameters for Computation of Standard Errors for People and Families: 2020 Annual Social and Economic Supplement

Characteristics	Total or White		Black		Asian, AIAN, & NHOPI[A]		Hispanic[B]	
	a	*b*	*a*	*b*	*a*	*b*	*a*	*b*
PEOPLE								
Educational attainment	-0.000011	3,483	-0.000041	3,187	-0.000086	2,906	-0.000053	3,233
Employment	-0.000013	2,481	-0.000117	3,601	-0.000245	3,311	-0.000087	3,316
People by family income	-0.000019	6,000	-0.000075	5,781	-0.000142	4,820	-0.000089	5,403
Income characteristics								
Total	-0.000089	3,020	-0.000035	2,650	-0.000076	2,557	-0.000042	2,549
Male	-0.000081	2,736	-0.000074	2,685	-0.000155	2,538	-0.000097	2,952
Female	-0.000016	2,637	-0.000057	2,305	-0.000146	2,557	-0.000080	2,412
Age								
15 to 24	-0.000084	3,524	-0.000297	3,449	-0.000516	2,841	-0.000185	2,800
25 to 44	-0.000096	3,242	-0.000146	3,259	-0.000276	2,805	-0.000168	3,023
45 to 64	-0.000098	3,317	-0.000140	2,457	-0.000354	2,557	-0.000221	2,730
65 and over	-0.000061	3,270	-0.000249	2,193	-0.000741	2,686	-0.000487	2,324
Health insurance	-0.000009	3,022	-0.000034	2,598	-0.000095	3,223	-0.000060	3,633
Marital status, household and family								
Some household members	-0.000009	2,808	-0.000042	3,221	-0.000069	2,343	-0.000049	2,941
All household members	-0.000008	2,730	-0.000033	2,528	-0.000069	2,318	-0.000039	2,348
Mobility (movers)								
Educational attainment, labor force, Marital status, household, family, and income	-0.000013	4,135	-0.000054	4,181	-0.000104	3,505	-0.000063	3,841
US, county, state, region, or metropolitan statistical areas	-0.000018	5,986	-0.000066	5,104	-0.000137	4,629	-0.000095	5,734
Below poverty								
Total	-0.000113	3,838	-0.000108	3,667	-0.000092	3,099	-0.000106	3,572
Male	-0.000115	3,877	-0.000243	3,978	-0.000168	2,756	-0.000244	3,993
Female	-0.000107	3,603	-0.000206	3,589	-0.000182	3,183	-0.000210	3,659
Age								
Under 15	-0.000171	5,771	-0.000678	5,651	-0.000474	3,953	-0.000872	7,270
Under 18	-0.000112	3,781	-0.000420	4,341	-0.000310	3,202	-0.000435	4,495
15 and over	-0.000128	4,341	-0.000154	4,095	-0.000134	3,547	-0.000153	4,066
15 to 24	-0.000090	3,785	-0.000730	4,017	-0.000544	2,996	-0.000632	3,477
25 to 44	-0.000101	3,428	-0.000394	4,007	-0.000301	3,059	-0.000335	3,406
45 to 64	-0.000099	3,356	-0.000418	3,020	-0.000385	2,782	-0.000413	2,987
65 and over	-0.000063	3,395	-0.000714	2,588	-0.000909	3,294	-0.000701	2,538
Unemployment	-0.000017	3,244	-0.000117	3,601	-0.000245	3,311	-0.000087	3,316
FAMILIES, HOUSEHOLDS, OR UNRELATED INDIVIDUALS								
Income	-0.000030	3,938	-0.000184	3,930	-0.000261	3,420	-0.000134	3,866
Marital status, household and family, educational attainment, population by age/sex	-0.000009	3,238	-0.000066	2,550	-0.000285	3,754	-0.000074	3,758
Poverty	0.000103	5,529	0.000516	5,568	0.003231	3,933	0.000478	6,075

Source: U.S. Census Bureau, Current Population Survey, Internal data from the 2020 Annual Social and Economic Supplement.

[A] AIAN is American Indian and Alaska Native, and NHOPI is Native Hawaiian and Other Pacific Islander.
[B] Hispanics may be any race.

Notes: These parameters are to be applied to the 2020 Annual Social and Economic Supplement data. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. For same-sex households, multiply the a- and b-parameters by 1.3. 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. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters. For the group self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all characteristics except employment, unemployment, and educational attainment, in which case use Black parameters. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

Table 20. Current Population Survey Year-to-Year Correlation Coefficients for Income and Health Insurance Characteristics: Data Years 1960 to 2019

Characteristics	1960-2000 (basic) or 2000 (expanded)-2019		1999 (basic)-2000 (expanded)	
	People	Families	People	Families
Total	**0.30**	**0.35**	**0.19**	**0.22**
White	0.30	0.35	0.20	0.23
Black	0.30	0.35	0.15	0.18
Other	0.30	0.35	0.15	0.17
Hispanic[A]	0.45	0.55	0.36	0.28

Source: U.S. Census Bureau, Current Population Survey, Internal data files.
[A] Hispanics may be any race.

Notes: Correlation coefficients are not available for income data before 1960. These correlation coefficients are for comparisons of consecutive years. For comparisons of nonconsecutive years, assume the correlation is zero. For households and unrelated individuals, use the correlation coefficient for families. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

Table 21. Current Population Survey Year-to-Year Correlation Coefficients for Poverty Characteristics: Data Years 1970 to 2019

Characteristics	1972-83, 1984-2000 (basic) or 2000 (expanded)-2019		1999 (basic)-2000 (expanded)		1983-1984		1971-1972		1970-1971	
	People	Families	People	Families	People	Families	People	Families	People	Families
Total	**0.45**	**0.35**	**0.29**	**0.22**	**0.39**	**0.30**	**0.15**	**0.14**	**0.31**	**0.28**
White	0.35	0.30	0.23	0.20	0.30	0.26	0.14	0.13	0.28	0.25
Black	0.45	0.35	0.23	0.18	0.39	0.30	0.17	0.16	0.35	0.32
Other	0.45	0.35	0.22	0.17	0.30	0.30	0.17	0.16	0.35	0.32
Hispanic[A]	0.65	0.55	0.52	0.40	0.56	0.47	0.17	0.16	0.35	0.32

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

[A] Hispanics may be any race.

Notes: Correlation coefficients are not available for poverty data before 1970. These correlation coefficients are for comparisons of consecutive years. For comparisons of nonconsecutive years, assume the correlation is zero. For households and unrelated individuals, use the correlation coefficient for families. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.

Table 22. Current Population Survey Correlation Coefficients Between Race and Subgroups: 2020 Annual Social and Economic Supplement

Race 1 (subgroup)	Race 2	*r*
White alone, not Hispanic	White alone	0.82
White alone, not Hispanic	White alone or in combination, not Hispanic	0.98
Black alone	Black alone or in combination	0.95
Asian alone	Asian alone or in combination	0.92

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

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

Table 23. Factors and Populations for State Standard Errors and Parameters: 2020 Annual Social and Economic Supplement

State	Factor	Population	State	Factor	Population
Alabama	1.11	4,836,185	Montana	0.21	1,058,638
Alaska	0.18	703,401	Nebraska	0.52	1,910,003
Arizona	1.25	7,250,794	Nevada	0.77	3,077,543
Arkansas	0.73	2,968,859	New Hampshire	0.33	1,348,147
California	1.28	39,034,824	New Jersey	1.15	8,780,729
Colorado	1.22	5,707,954	New Mexico	0.51	2,062,715
Connecticut	0.86	3,516,977	New York	1.19	19,173,378
Delaware	0.22	964,590	North Carolina	1.18	10,353,123
District of Columbia	0.17	698,464	North Dakota	0.17	748,215
Florida	1.14	21,347,900	Ohio	1.10	11,524,840
Georgia	1.15	10,480,913	Oklahoma	1.06	3,886,392
Hawaii	0.32	1,356,765	Oregon	1.07	4,201,503
Idaho	0.41	1,790,518	Pennsylvania	1.11	12,603,961
Illinois	1.17	12,451,406	Rhode Island	0.28	1,044,437
Indiana	1.11	6,657,419	South Carolina	1.07	5,093,995
Iowa	0.77	3,116,100	South Dakota	0.22	870,562
Kansas	0.82	2,851,117	Tennessee	1.10	6,758,728
Kentucky	1.13	4,385,967	Texas	1.32	28,763,793
Louisiana	1.01	4,537,420	Utah	0.53	3,214,318
Maine	0.39	1,331,924	Vermont	0.18	617,810
Maryland	1.15	5,951,913	Virginia	1.19	8,345,522
Massachusetts	1.10	6,831,799	Washington	1.18	7,564,480
Michigan	1.11	9,883,888	West Virginia	0.48	1,755,736
Minnesota	1.13	5,604,353	Wisconsin	1.13	5,762,472
Mississippi	0.69	2,902,505	Wyoming	0.16	569,502
Missouri	1.13	6,035,560			

Source: U.S. Census Bureau, Current Population Survey, Internal data files for the 2010 Design; U.S. Census Bureau, Population Estimates, March 2020.

Notes: The state population counts in this table are for the 0+ population. For same-sex households, multiply the a- and b-parameters by 1.3. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, and Hispanic.

Table 24. Factors and Populations for Regional Standard Errors and Parameters: 2020 Annual Social and Economic Supplement

Region	Factor	Population
Midwest	1.06	67,415,935
Northeast	1.07	55,249,162
South	1.13	124,032,005
West	1.12	77,592,955

Source: U.S. Census Bureau, Current Population Survey, Internal data files for the 2010 Design; U.S. Census Bureau, Population Estimates, March 2020.

Notes: The state population counts in this table are for the 0+ population. For same-sex households, multiply the a- and b-parameters by 1.3. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, and Hispanic.

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All online references accessed August 7, 2020.

APPENDIX H

Countries and Areas of the World

List A - Numerical List of Countries and Areas of the World

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

Code	Name
236	Singapore
238	Sri Lanka
239	Syria
240	Taiwan
242	Thailand
243	Turkey
245	United Arab Emirates
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

List B - Alphabetical List of Countries and Areas of the World

Code	Name	Code	Name
200	Afghanistan	417	Eritrea
462	Africa, not specified	416	Ethiopia
100	Albania	166	Europe, not specified
400	Algeria	508	Fiji
399	Americas, not specified	108	Finland
321	Antigua and Barbuda	109	France
360	Argentina	161	Georgia
158	Armenia	110	Germany
249	Asia, not specified	421	Ghana
501	Australia	116	Greece
102	Austria	330	Grenada
159	Azerbaijan	066	Guam
130	Azores	313	Guatemala
323	Bahamas	368	Guyana
202	Bangladesh	332	Haiti
324	Barbados	314	Honduras
160	Belarus	209	Hong Kong
103	Belgium	117	Hungary
310	Belize	210	India
300	Bermuda	211	Indonesia
361	Bolivia	212	Iran
150	Bosnia & Herzegovina	213	Iraq
362	Brazil	119	Ireland
104	Bulgaria	214	Israel
206	Cambodia	120	Italy
407	Cameroon	333	Jamaica
301	Canada	215	Japan
408	Cape Verde	216	Jordan
363	Chile	427	Kenya
207	China	217	Korea
364	Columbia	167	Kosovo
311	Costa Rica	222	Kuwait
151	Croatia	223	Laos
327	Cuba	156	Latvia
208	Cyprus	224	Lebanon
148	Czech Republic	429	Liberia
105	Czechoslovakia	157	Lithuania
106	Denmark	152	Macedonia
328	Dominica	226	Malaysia
329	Dominican Republic	303	Mexico
365	Ecuador	162	Moldova
414	Egypt	436	Morocco
312	El Salvador	205	Myanmar (Burma)
555	Elsewhere	229	Nepal
139	England	126	Netherlands

Code	Name
515	New Zealand
315	Nicaragua
440	Nigeria
142	Northern Ireland
127	Norway
528	Oceania, not specified
096	Other U.S. Island Areas
231	Pakistan
316	Panama
369	Paraguay
370	Peru
233	Philippines
128	Poland
129	Portugal
073	Puerto Rico
132	Romania
163	Russia
527	Samoa
235	Saudi Arabia
140	Scotland
444	Senegal
154	Serbia
447	Sierra Leone
236	Singapore
149	Slovakia
448	Somalia
449	South Africa
374	South America, not specified
220	South Korea
134	Spain
238	Sri Lanka
338	St. Kitts--Nevis
339	St. Lucia
340	St. Vincent and the Grenadines
451	Sudan
136	Sweden
137	Switzerland
239	Syria
240	Taiwan
453	Tanzania
242	Thailand
523	Tonga
341	Trinidad and Tobago
243	Turkey
078	U.S. Virgin Islands
457	Uganda
164	Ukraine
138	United Kingdom
057	United States
372	Uruguay
165	USSR
246	Uzbekistan
373	Venezuela
247	Vietnam
141	Wales
343	West Indies, not specified
248	Yemen
147	Yugoslavia
461	Zimbabwe

APPENDIX I

HISTORICAL FILE INFORMATION

Initial releases
A public use edition of the Current Population Survey, ASEC file, formerly known as the March file were originally available for 1976, 1978, and 1979. For 1980, 1984, and 1988 two files were available for each year. The first 1980 file contains estimates based on 1970 population counts and should be used for historical comparisons ending in 1980. The reweighted 1980 file contains estimates based on results of the 1980 census and should be used for comparisons between 1981 and 1984.

1980s
In 1984, the Bureau of the Census introduced a step into the second stage weighting procedure to control individual weights to independent estimates of the Hispanic population. Since this introduction caused a major disruption in the Hispanic estimates, two data files were created. The first file, without the Hispanic controls should be used for comparing estimates for years prior to 1984 and the second file should be used for comparison with 1985 and later files.

From March 1989 forward, March data are processed using the rewrite system. The rewrite system includes revised procedures to match supplement records to basic CPS records; revised weighting procedures; revised demographic and family edits; revised imputation procedures; and more income detail on the file.

For March 1988, there are two files: the regular Annual Demographic File and the Annual Demographic Rewrite File. The rewrite file has been prepared to allow historical comparison of data from the rewrite processing system implemented between 1988 and 1989. It is recommended that the rewrite file be used when comparing data collected from the March Annual Demographic Supplement from 1988 forward. Use the regular file, released in 1988, when comparing data from 1988 and prior years.

This is not to say, however, that comparisons cannot be made between years before and after 1988. When such analyses are done, for example between 1986 through 1989, data users must consider that similarities or differences between the data may be caused or effected by the rewritten system. Thus, comparing estimates from the 1988 rewrite files and the 1988 regular file will reveal the extent of any differences caused by the processing system changes though not the specific change. The magnitude of the difference can then be applied to the estimates from 1986 and 1989 to reveal whether any real differences exist. There were several revisions made to the processing programs; therefore, it is difficult to determine which specific revision effected the differences or similarities in the data.

Some non-March data also are available from 1994 to present. For information about the Current Population Survey and Supplement Surveys, be sure to visit our online CPS home page at https://www.census.gov/programs-surveys/cps.html where you can search our knowledge base and submit questions.

2010s
In 2014, the Current Population Survey Annual Social and Economic Supplement (CPS ASEC) included redesigned questions for income and health insurance coverage, followed by changes being phased in beginning in 2015 to allow spouses and unmarried partners to specifically identify as opposite- or same-sex. While data from the updated collection methods were released on schedule, data processing changes to take advantage of the new content were available starting with the 2019 file.

In 2019, a redesigned processing system for the ASEC supplement was implemented. This new processing system had updates concerning three topics, same-sex/opposite-sex families, income & poverty, and health insurance.

First, the relationship to householder measure (PERRP) divides spouse and unmarried categories into opposite-sex and same-sex groups (i.e., opposite-sex spouse/husband/wife, same-sex spouse/husband/wife, opposite-sex unmarried partner, and same-sex unmarried partner). Second, the parent identification variables have changed from respondents identifying a mother and father in the household

(PELNMOM, PELNDAD) to identifying a parent and another parent (PEPAR1, PEPAR2). This allows easy reporting of children living with two mothers or two fathers.

For income and poverty, the updated processing system includes edits to take full advantage of the redesigned questionnaire. For example, several variables were added for defined-benefit pension income and defined-contribution withdrawals (such as from 401(k) plans) to replace the previous variables on retirement income. The imputation system was updated to make use of income ranges provided by some non-respondents as well as to increase the number of characteristics used in the imputation models.

The updated processing system includes a number of changes to CPS ASEC health insurance data that better integrate detailed information from the 2014 questionnaire redesign. For example, the processing system introduces a new method of estimating coverage that builds from subannual estimates to determine whether a person was covered at any point in the previous calendar year. It also refines the methods by which missing and incomplete data are imputed and in which inconsistent information is handled. Finally, the file also includes additional information about types of coverage held at the time of survey and details about Marketplace coverage that were not previously available.

A more detailed explanation of these processing changes can be found in the blog "RESEARCH MATTERS: CPS ASEC Redesign and Processing Changes" at https://www.census.gov/newsroom/blogs/research-matters/2019/09/cps-asec.html.

APPENDIX J

User Notes

User Note #1

September 2020

The variable PRPERTYP is not currently available on the file. The variable P_STAT contains identical information presented in a different order. You can use P_STAT in place of PRPERTYP by updating the variable names and values using the information below.

PRPERTYP
1 = Child household member
2 = Adult civilian household member
3 = Adult Armed Forces household member

P_STAT
1 = Civilian 15+
2 = Armed Forces
3 = Children 0 - 14

If you would like to create PRPERTYP rather than replace the variable, use the following recode instructions.

If P_STAT=1 then PRPERTYP=2.
If P_STAT=2 then PRPERTYP=3.
If P_STAT=3 then PRPERTYP=1.

Update 9/22/20: The variable PRPERTYP is now available. See User Note 2 for more information.

User Note #2

September 2020

The file was re-released on 9/22/20 to include the variable PRPERTYP. A new record layout for the person record accompanies this change. It can be found in Appendix F of this document and separately on our data website. The data dictionary was also updated to include PRPERTYP and the updated locations on the record layout. The data dictionary is found in Chapter 6 of this document and separately on our website.