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Current Population Survey
2025 Annual Social and Economic (ASEC) Supplement



## Appendices

# ABSTRACT

*Current Population Survey, 2025 Annual Social and Economic (ASEC) Supplement conducted by the U.S. Census Bureau for the Bureau of Labor Statistics. – Washington: U.S. Census Bureau [producer and distributor], 2025.*

## 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), 42 selected combined statistical areas (CSA), 277 counties, and 97 principal cities in multi-principal 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) | 88,932 |
| Family (SAS/CSV) | 64,529 |
| Person (SAS/CSV) | 142,125 |
| ASCII (DAT) | 295,586 |

## REFERENCE MATERIAL

*Current Population Survey, 2025 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 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, 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. 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, custom tabulations and extracts of CPS microdata are available at *https://data.census.gov/mdat/#/*.

For more information contact dsd.cps@census.gov.

## CONFIDENTIALITY

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure avoidance protection of the confidential source data used to produce this product (Data Management System (DMS) number: **P-7534374**, Disclosure Review Board (DRB) approval number: **CBDRB-FY25-0372**.

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 60 years. Currently, we interview about 50,000 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, *Concepts and Methods Used In Labor Statistics Derived from the Current Population Survey*.

## Questionnaire

Questionnaire facsimiles of the 2025 ASEC Supplement are shown in Appendix E 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 2-4.)

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 2-5.)

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 in the United States: (Year)
P-60 Poverty in the United States: (Year)
P-60 Health Insurance Coverage in the United States: (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 and 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 Household, Family, and Person Files for a Single Year

### ID'ing Persons within a Household

To uniquely identify persons within a household, use PH_SEQ and PPPOS on the person file. Match PH_SEQ to H_SEQ on the household file, to link the persons to the household. PPPOS is the person id within each household.

For example, match PH_SEQ = 12345 to H_SEQ = 12345, and then use PPPOS, which will have values of 01, 02, ...16, to identify each person.

### ID'ing Persons within a Family

To uniquely identify persons within a family, use PH_SEQ and PF_SEQ on the person file. Match PH_SEQ to FH_SEQ on the family file, to link the persons to the household. Then, match PF_SEQ on the Person file to FFPOS on the family file. FFPOS is the unique family id within each household.

For example, match PH_SEQ = 12345 to FH_SEQ = 12345, and then use PF_SEQ, which will have values of 01, 02, ...16. Each person with PF_SEQ= 01 will be in a unique family, each person with PF_SEQ= 02 will be in a unique family, and so on.

### ID'ing Families within a Household

To uniquely identify families within a household, use FH_SEQ and FFPOS on the family file. Match FH_SEQ to H_SEQ on the household file, to link the families to the household. FFPOS is the unique family id within each household.

For example, match FH_SEQ = 12345 to H_SEQ = 12345, and then use FFPOS, which will have values of 01, 02, ...16, to uniquely identify the family.

## 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 2025 and 2024 ASEC Files

1. The following variables have been removed from the Household record.

| Variable Name | Description |
|---|---|
| HPEBT_YN | Received P-EBT card, y/n |
| I_HPEBTYN | Allocation Flag for HPEBT_YN |

2. The following variables have been added to the Household record.

| Variable Name | Description |
|---|---|
| HESEBT_YN | Received Summer EBT, y/n |
| HXSEBTYN | Allocation Flag for HESEBT_YN |
| HECC_ADAPT1-9 | actions taken for child care |
| HECC_PROB | problems with child care? |
| HECC_PROBTIME | Time lost to child care |
| HECC_PROBFREQ | Time lost this year |
| HXCC_ADAPT | Allocation flag - childcare problem adapted |
| HXCC_PROB | Allocation flag - childcare problem |
| HXCC_PROBFREQ | Allocation flag - childcare problem frequency |
| HXCC_PROBTIME | Allocation flag - childcare problem number |
| HUNDER14 | persons in hhld under age 14 |

3. The following variables have been added to the Person record.

| Variable Name | Description |
|---|---|
| PTTLWK | Telework from home, y/n |
| PTTLWKHR | Hours Teleworked |
| PXTLWK | Allocation flag |
| PXTLWKHR | Allocation flag |
| M5GSAME | 5-Year Migration, same household |
| M5G_DIV | 5-Year Migration, division |
| M5G_MTR1 | 5-Year Migration, recode 1 |
| M5G_MTR3 | 5-Year Migration, recode 3 |
| M5G_MTR4 | 5-Year Migration, recode 4 |
| M5G_REG | 5-Year Migration, region |

| | |
|---|---|
| M5G_ST | 5-Year Migration, state |
| M5G_CBST | 5-Year Migration, cbsa |
| M5G_DSCP | 5-Year Migration, place |
| I_M5G1 | 5-Year Migration, allocation flag |
| I_M5G2 | 5-Year Migration, allocation flag |
| I_M5G3 | 5-Year Migration, allocation flag |

4. Values for variable PEINUSYR are updated every year to reflect the most recent year of the survey. In odd years (2023, 2025, 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.

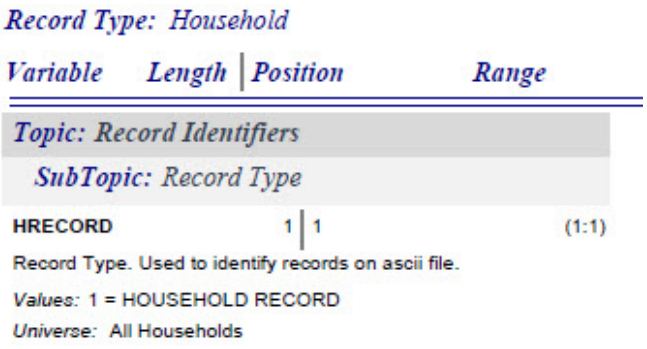
# HOW TO USE THE DATA DICTIONARY

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 2025 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:* 01-16 = 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<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_DST** | 1 | 131 | (0:2) |
| retirement distributions, y/n | | | |
| *Values:* 1 = yes<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_ED** | 1 | 132 | (0:2) |
| education income, y/n | | | |
| *Values:* 1 = yes<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_FIN** | 1 | 133 | (0:2) |
| financial assistance, y/n | | | |
| *Values:* 1 = yes<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_INT** | 1 | 134 | (0:2) |
| interest income, y/n | | | |
| *Values:* 1 = yes<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_OI** | 1 | 135 | (0:2) |
| other income, y/n | | | |
| *Values:* 1 = yes<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_PAW** | 1 | 136 | (0:2) |
| public assistance or welfare, y/n | | | |
| *Values:* 1 = yes<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_PEN** | 1 | 137 | (0:2) |
| pension income, y/n | | | |
| *Values:* 1 = yes<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_RNT** | 1 | 138 | (0:2) |
| rental income, y/n | | | |
| *Values:* 1 = yes<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_SS** | 1 | 139 | (0:2) |
| social security income, y/n | | | |
| *Values:* 1 = yes<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_SSI** | 1 | 140 | (0:2) |
| supplemental security income, y/n | | | |
| *Values:* 1 = yes<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_SUR** | 1 | 141 | (0:2) |
| survivor's income, y/n | | | |
| *Values:* 1 = yes<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_UC** | 1 | 142 | (0:2) |
| unemployment compensation, y/n | | | |
| *Values:* 1 = yes<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_VET** | 1 | 143 | (0:2) |
| veterans' benefits, y/n | | | |
| *Values:* 1 = yes<br>2 = no | | | |
| *Universe:* All Families | | | |
| **FINC_WC** | 1 | 144 | (0:2) |
| workers compensation, y/n | | | |
| *Values:* 1 = yes<br>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 (-1:99999)

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

*Values:* -1 = Not in poverty universe
1-99,999 = 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 2025 Public Use Data Dictionary

**Record Type:** *Household*

| Variable | Length | Position | Range |
|---|---|---|---|

## Topic: Poverty

### SubTopic: Allocation Flags

**HXSEBTYN** 1 | 1 (0:1)

Allocation flag for editing 'yes/no' Summer EBT (HESEBT_YN)

*Values:* 0 = Not Allocated
1= Allocated

*Universe:* HESEBT_YN > 0

## Topic: Supplemental Poverty Measure

### SubTopic:

**HECC_ADAPT** 1 | 2 (0:9)

Edited action taken to adapt to childcare problems

*Values:* 0 = NIU
1 = Yes
2 = No

*Universe:* At least one hh member whose (AGE = 0-13)

**HECC_PROB** 1 | 3 (0:2)

Edited 'yes/no' had problems obtaining child care that limited work hours.

*Values:* 0 = NIU
1 = Yes
2 = No

*Universe:* At least one hh member whose (AGE = 0-13)

**HECC_PROBFREQ** 1 | 4 (0:3)

Edited frequency of reporting time lost from work due to child care problems

*Values:* 0 = NIU
1 = Hours
2 = Days
3 = Weeks

*Universe:* CC_PROB = 1

**HECC_PROBTIME** 3 | 5 (0:999)

Edited time lost from work due to child care problems

*Values:* 0:999

*Universe:* CC_PROB = 1,2 or 3

**HXCC_ADAPT** 1 | 8 (0:1)

Allocations flag for edited actions taken to adapt to childcare problems

*Values:* 0: Not allocated
1: Allocated

*Universe:*

**HXCC_PROB** 1 | 9 (0:1)

Allocation flag for edited 'yes/no' had problems obtaining child care that limited work hours.

*Values:* 0: Not allocated
1: Allocated

*Universe:*

**HXCC_PROBFREQ** 1 | 10 (0:1)

Allocations flag for edited frequency of reporting time lost from work due to child care problems

*Values:* 0: Not allocated
1: Allocated

*Universe:*

**HXCC_PROBTIME** 1 | 11 (0:1)

Allocations flag for edited time lost from work due to child care problems

*Values:* 0: Not allocated
1: Allocated

*Universe:*

### SubTopic: Non Cash Benefits

**HESEBT_YN** 1 | 12 (0:2)

Edited Variable for During [Year], did you or anyone in this household receive Summer EBT or SUN Bucks?

*Values:* 0 = NIU
1 = Yes
2 = No

*Universe:* Households with at least one child age 5-18

## Topic: Record Identifiers

### SubTopic: Record Type

**HRECORD** 1 | 13 (1:1)

Record Type. Used to identify records on ascii file.

*Values:* 1 = HOUSEHOLD RECORD

*Universe:* All Households

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

### *SubTopic: Match Keys*

**FILEDATE** 6 | 14 ()

File creation date in MMDDYY format

*Values:* Date
*Universe:* All records

**H_HHNUM** 1 | 20 (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 | 21 (NA)

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

*Values:* ID Number
*Universe:* All households

**H_SEQ** 5 | 41 (00001:99999)

Household sequence number

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

## *Topic: Weights*

### *SubTopic: ASEC Supplement*

**HSUP_WGT** 8 | 46 (00000000:999999999)

ASEC Supplement Final Weight

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

## *Topic: Geography*

### *SubTopic: Geography*

**GEDIV** 1 | 54 (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 | 55 (1:4)

Region

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

**GESTFIPS** 2 | 56 (1:56)

State FIPS code

*Values:* 01-56 State code
*Universe:* All Households

**GTCBSA** 5 | 58 (00000:79600)

Metropolitan CBSA FIPS CODE

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

**GTCBSAST** 1 | 63 (1:4)

Principal city/Balance status

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

**GTCBSASZ** 1 | 64 (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 | 65 (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 | 68 (000:720)

Consolidated Statistical Area (CSA) FIPS Code

*Values:* 000 = Non-met or not identified
118-720 = CSA Code
*Universe:* All Households

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**GTINDVPC** 1 | 71 (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 | 72 (1:3)

Metropolitan status

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

*Universe:* All Households

## *Topic: Demographics*

### *SubTopic: Household Characteristics*

**H_HHTYPE** 1 | 73 (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 | 74 (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 | 76 (1:8)

Month in sample

*Values:* 1-8 = Month in sample

*Universe:* All Households

**HEFAMINC** 2 | 77 (-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 | 79 (0:16)

Recode: Number of persons in household age 5 to 18

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

*Universe:* All Households

**HHSTATUS** 1 | 81 (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 | 82 (00:16)

Number of families in household

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

*Universe:* H_HHTYPE = 1

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**HRHTYPE** 2 | 84 (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

**HUNDER14** 2 | 86 (0:16)

Recode: Number of persons in household under age 14

*Values:* 00=None
01-16: Number of persons under 14

*Universe:* H_HHTYPE=1

**HUNDER15** 2 | 88 (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 | 90 (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 | 92 (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 | 93 (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 | 94 (03:03)

Month of survey

*Values:* 03=March

*Universe:* All Households

**H_NUMPER** 2 | 96 (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 | 98 (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 | 100 (0:2)

Telephone available

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

*Universe:* H_TELHHD = 2

**H_TELHHD** 1 | 101 (0:2)

Telephone in household

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

*Universe:* H_HHTYPE = 1

**H_TELINT** 1 | 102 (0:1)

Telephone interview acceptable

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

*Universe:* H_TELAVL = 1

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**H_TENURE** 1 | 103 (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 | 104 (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, 2010
18 = Unused line of listing sheet
19 = Other

*Universe:* H_HHTYPE = 3

**H_YEAR** 4 | 106 (1999:2999)

Year of survey

*Values:* 1999-2999

*Universe:* All Households

## ***SubTopic:*** *Allocation Flags*

**H1LIVQRT** 1 | 110 (0:7)

Allocation flag for H_LIVQRT

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

*Universe:* All Households

**H1TELAVL** 1 | 111 (0:4)

Allocation flag for H_TELINT

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

*Universe:* All Households

**H1TELHHD** 1 | 112 (0:4)

Allocation flag for H_TELHHD

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

*Universe:* All Households

**H1TELINT** 1 | 113 (0:4)

Allocation flag for H_TELAVL

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

*Universe:* All Households

**H1TENURE** 1 | 114 (0:4)

Allocation flag for H_TENURE

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

*Universe:* All Households

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

## *Topic: Income*

### *SubTopic: Total Income*

**HHINC** 2 | 115 (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 | 117 (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 | 119 (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 | 120 (-999999:99999999)

total household income

*Values:* 0 = none
negative dollar amount
positive dollar amount

*Universe:* All Households

---

### *SubTopic: Earnings*

**HEARNVAL** 8 | 128 (-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 | 136 (-999999:99999999)

household income - farm income

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

*Universe:* HINC_FR = 1

---

**HINC_FR** 1 | 143 (0:2)

farm self-employment, y/n

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Households

---

**HINC_SE** 1 | 144 (0:2)

own business self-employment, y/n

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Households

---

**HINC_WS** 1 | 145 (0:2)

wage and salary, y/n

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Households

---

**HSEVAL** 7 | 146 (-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 | 153 (0:9999999)

household income - wages and salaries

*Values:* 0 = none
dollar amount

*Universe:* HINC_WS = 1

### *SubTopic:* *Other Income*

**HANN_YN** 7 | 160 (0:2)

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

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Households

**HANNVAL** 7 | 167 (0:999999)

household income - annuities

*Values:* 0 = none; dollar amount

*Universe:* HANN_YN = 1

**HCSP_YN** 1 | 174 (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 | 175 (0:9999999)

household income - child support

*Values:* 0 = none;
1:999999 dollar amount

*Universe:* HCSP_YN = 1

**HDIS_YN** 1 | 182 (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 | 183 (0:9999999)

household income - disability income

*Values:* 0 = none;
1:9999999 dollar amount

*Universe:* HDIS_YN = 1

**HDIV_YN** 1 | 190 (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 | 191 (0:9999999)

household income - dividend income

*Values:* 0 = none;
1:9999999 dollar amount

*Universe:* HDIV_YN = 1

**HDST_YN** 7 | 198 (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 | 205 (0:9999999)

household income - retirement distributions

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* HDST_YN = 1

**HED_YN** 1 | 212 (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 | 213 (0:9999999)

household income - education income

*Values:* 0 = none
1:9999999 dollar amount

*Universe:* HED_YN = 1

**HFIN_YN** 1 | 220 (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 | 221 (0:9999999)

household income - financial assistance income

*Values:* 0 = none;
1:9999999 dollar amount

*Universe:* All Households

**HINC_UC** 1 | 228 (0:2)

unemployment compensation, y/n

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Households

**HINC_WC** 1 | 229 (0:2)

workers compensation, y/n

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Households

**HINT_YN** 1 | 230 (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 | 231 (0:9999999)

household income - interest income

*Values:* 0 = none
1: 9999999 dollar amount

*Universe:* HINT_YN = 1

**HOI_YN** 1 | 238 (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 | 239 (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 | 246 (-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 | 254 (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 | 255 (0:99999999)

household income - public assistance income amt

*Values:* 0 = none
1:9999999 dollar amount

*Universe:* HPAW_YN = 1

**HPEN_YN** 1 | 261 (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 | 262 (0:9999999)

household income - pension income

*Values:* 0 = none
1:9999999 dollar amount

*Universe:* All Households

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**HRNT_YN** 1 | 269 (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 | 270 (-999999:99999999)

household income - rental income amt

*Values:* 0 = none
negative dollar amount
positive dollar amount

*Universe:* HRNT_YN = 1

**HSS_YN** 1 | 277 (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 | 278 (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 | 279 (0:9999999)

household income - supplemental security income

*Values:* 0 = none
1:9999999 dollar amount

*Universe:* HSSI_YN = 1

**HSSVAL** 7 | 285 (0:9999999)

household income - social security

*Values:* 0 = none
1:9999999 dollar amount

*Universe:* HSS_YN = 1

**HSUR_YN** 1 | 292 (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 | 293 (0:99999999)

household income - survivor income

*Values:* 0 = none
1:9999999 dollar amount

*Universe:* HSUR_YN = 1

**HUCVAL** 7 | 300 (0:9999999)

household income - unemployment compensation

*Values:* 0 = none
1-99999999 = dollar amount

*Universe:* HINC_UC = 1

**HVET_YN** 1 | 307 (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 | 308 (0:9999999)

household income - veteran payments

*Values:* 0 = none
1-9999999 = dollar amount

*Universe:* HVET_YN = 1

**HWCVAL** 7 | 315 (0:99999999)

household income - worker's compensation

*Values:* 0 = none
dollar amount

*Universe:* HINC_WC = 1

## ***SubTopic:*** *Non-cash Benefits*

**HBBSUB_MNTH** 2 | 322 (0:12)

Edited number of months receiving broadband subsidy program benefits

*Values:* 0 = Not in universe
1-12 = Number of months

*Universe:* HBBSUB = 1

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**HBBSUB_YN** 1 | 324 (0:2)

Edited 'yes/no' broadband subsidy

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

*Universe:* All households

**HENGAST** 1 | 325 (0:2)

Assistance for heating/colling costs received for anyone in the household

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Households

**HENGVAL** 5 | 326 (0:10000)

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

*Values:* 0 = none
1:10,000 = dollar amount

*Universe:* HENGAST = 1

**HFDVAL** 5 | 331 (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 | 336 (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 or their school provided free lunches to all students?

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

*Universe:* HHOTLUN = 1

**HFLUNNO** 1 | 337 (0:9)

Number receiving free/reduced price 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 | 338 (0:12)

number months covered by food stamps

*Values:* 0 = niu
1-12 = months

*Universe:* HFOODSP = 1

**HFOODNO** 1 | 340 (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 | 341 (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 | 342 (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 | 343 (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 | 344 (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 | 345 (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 | 346 (0:16)

Number of people in the household receiving WIC

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

*Universe:* HRWICYN = 1

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**HRWICYN** 1 | 348 (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 | 349 (-1:999999)

Annual amount paid for child care by household members

*Values:* 0 = none; dollar amount

*Universe:* HCHCARE_YN = 1

**HCHCARE_YN** 1 | 355 (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 | 356 (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 | 357 (-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 | 365 (0:1)

Allocation flag for HCHCARE_VAL

*Values:* 0 = No allocation
1 = Allocated

*Universe:* HCHCARE_VAL > 0

**I_HBBSUBMNTH** 1 | 366 (0:1)

Allocation flag for edited number of months receiving Broadband subsidy (HBBSUB_MNTH)

*Values:* 0 = Not allocated
1 = Allocated

*Universe:* HBBSUB_MNTH > 0

**I_HBBSUBYN** 1 | 367 (0:1)

Allocation flag for edited 'yes/no' Broadband subsidy (HBBSUB_YN)

*Values:* 0 = Not allocated
1 = Allocated

*Universe:* HBBSUB_YN > 0

**I_HENGAS** 1 | 368 (0:1)

Allocation flag for HENGAST

*Values:* 0 = No allocation
1 = Allocated

*Universe:* HENGSAT > 0

**I_HENGVA** 1 | 369 (0:2)

Allocation flag for HENGVAL

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

*Universe:* HENGAST = 1

**I_HFDVAL** 1 | 370 (0:2)

Allocation flag for HFDVAL

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

*Universe:* HFDVAL > 0

**I_HFLUNC** 1 | 371 (0:1)

Allocation flag for HFLUNCH

*Values:* 0 = No allocation
1 = Allocated

*Universe:* HFLUNCH > 0

**I_HFLUNN** 1 | 372 (0:1)

Allocation flag for HFLUNNO

*Values:* 0 = No allocation
1 = Allocated

*Universe:* HFLUNNO > 0

| Variable | Length | Position | Range |
|---|---|---|---|

**I_HFOODM** 1 | 373 (0:2)

Allocation flag for HFOODMO

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

*Universe:* HFOODMO > 0

**I_HFOODN** 1 | 374 (0:1)

Allocation flag for HFOODNO

*Values:* 0 = No allocation
1 = Allocated

*Universe:* HFOODNO >0

**I_HFOODS** 1 | 375 (0:1)

Allocation flag for HFOODSP

*Values:* 0 = No allocation
1 = Allocated

*Universe:* HFOODSP > 0

**I_HHOTLU** 1 | 376 (0:1)

Allocation flag for HHOTLUN

*Values:* 0 = No allocation
1 = Allocated

*Universe:* HHOTLUN > 0

**I_HHOTNO** 1 | 377 (0:1)

Allocation flag for HHOTNO

*Values:* 0 = No allocation
1 = Allocated

*Universe:* HHOTNO > 0

**I_HLOREN** 1 | 378 (0:1)

Allocation flag for HLORENT

*Values:* 0 = No allocation
1 = Allocated

*Universe:* HLORENT > 0

**I_HPUBLI** 1 | 379 (0:1)

Allocation flag for HPUBLIC

*Values:* 0 = No allocation
1 = Allocated

*Universe:* HPUBLIC > 0

**I_PROPVAL** 1 | 380 (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 | 381 (0:1)

Topcode flag for HCHCARE_VAL

*Values:* 0 = not topcoded;
1 = topcoded

*Universe:* HCHCARE_VAL > 0

**THPROP_VAL** 1 | 382 (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 | 383 (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 | 384 (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 | 385 (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 | 386 (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 | 387 (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 | 388 (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 | 389 (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 | 390 (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

### *SubTopic: Household imputation status*

**HH_HI_UNIV** 1 | 391 (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 2025 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 (41:56)

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

*Values:* 41:56 = 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 |
|---|---|---|---|

## 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 supplement 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

*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 alone 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 (0:26)

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
26 = 2018-2019
27 = 2020-2021
28 = 2022-2025

*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)

Allocation 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 A_MARITL

*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 PEPAR1TYP

*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 PEPAR2TYP

*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, quarrying, and oil and gas extraction
3 = Construction
4 = Manufacturing
5 = Wholesale and retail trade
6 = Transportation, warehousing and utilities
7 = Information
8 = Finance and insurance, and real estate and rental and leasing
9 = Professional, scientific, management and adminstrative, and waste mangement services
10 = Educational services, and health care and social assistance
11 = Arts, entertainment, recreation and accomodation, and food services
12 = Other services, except public adminstration
13 = Public administration
14 = Military

*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 = Military specific occupations

*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

**PTTLWK** 2 | 278 (-1:2)

Telework Last Week, Y/N

*Values:* 0 = NIU
1 = Yes
2 = No

*Universe:* PRTAGE = 16+ AND PEMLR = 1

**PTTLWKHR** 2 | 280 (-1:97)

Hours Telework

*Values:* -1 NIU
0:97 Hours

*Universe:* PTTLWK = 1

## ***SubTopic:*** *Allocation Flags*

**AXCLSWKR** 1 | 282 (0:4)

Allocation flag for A_CLSWKR

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

*Universe:* All Persons

**AXHRLYWK** 1 | 283 (0:4)

Allocation flag for A_HRLYWK

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

*Universe:* All Persons

**AXHRS** 1 | 284 (0:4)

Allocation flag for A_HRS

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

*Universe:* All Persons

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|
| **AXLFSR** | 1 | 285 | (0:4) |

Allocation flag for A_LFSR

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

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **AXNLFLJ** | 1 | 286 | (0:4) |

Allocation flag for A_NLFLJ

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

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **AXPAYABS** | 1 | 287 | (0:4) |

Allocation flag for A_PAYABS

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

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **AXUNCOV** | 1 | 288 | (0:4) |

Allocation flag for A_UNCOV

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

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **AXUNMEM** | 1 | 289 | (0:4) |

Allocation flag for A_UNMEM

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

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **AXUSLHRS** | 1 | 290 | (0:4) |

Allocation flag for A_USLHRS

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

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **AXWHYABS** | 1 | 291 | (0:4) |

Allocation flag for A_WHYABS

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

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **PRCITFLG** | 2 | 292 | (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 | 294 | (0:1) |

Allocation flag for A_HRSPAY

*Values:* 0 = Not allocated
1 = Allocated

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **PXSPOUSE** | 2 | 295 | (-4:53) |

Allocation flag for A_SPOUSE

*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

| | | | |
|---|---|---|---|
| **PXTLWK** | 2 | 297 | (0:43) |

Allocation flag - Telework

*Values: See Allocation Flags*

*Universe:*

| | | | |
|---|---|---|---|
| **PXTLWKHR** | 2 | 299 | (0:43) |

Allocation Flag - Hours Telework

*Values: See Allocation Flags*

*Universe:*

## Topic: Work Experience

### SubTopic: General

**CLWK** 1 | 301 (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 | 302 (0:2)

EARNER STATUS RECODE

*Values:* 0 = NIU
1 = EARNER
2 = NONEARNER

*Universe:* All Persons aged 15+

---

**HRCHECK** 1 | 303 (0:2)

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

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

*Universe:* WKSWORK > 0

---

**HRSWK** 2 | 304 (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 | 306 (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 | 310 (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 | 311 (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 | 312 (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 | 313 (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 | 315 (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 | 316 (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 | 317 (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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**NWLOOK** 1 | 319 (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 | 320 (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 | 324 (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 | 325 (0:53)

OCCUP. OF LONGEST JOB BY DETAILED GROUPS

*Values:* See Appendix B for values and descriptions

*Universe:* WKSWORK > 0

**PTRSN** 1 | 327 (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 | 328 (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 | 330 (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 | 331 (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 | 332 (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 | 333 (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+

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**WEIND** 2 | 334 (0:23)

IND. OF LONGEST JOB BY DETAILED GROUPS

*Values:* 1 = Agriculture, forestry, fishing, and hunting
2 = Mining, Quarrying, and Oil and Gas Extraction
3 = Construction
4 = Durable goods manufacturing
5 = Nondurable goods manufacturing
6 = Wholesale trade
7 = Retail trade
8 = Transportation and warehousing
9 = Utilities
10 = Information
11 = Finance and insurance
12 = Real estate and rental and leasing
13 = Professional, scientific, & technical services
14 = Management of companies and enterprises, administrative and support, and waste management services
15 = Educational services
16 = Health care and social assistance
17 = Arts, entertainment, and recreation
18 = Accommodations and food service
19 = Private households
20 = Other services, except private households and public administration
21 = Public administration
22 = Military
23 = Never Worked

*Universe:* All Persons aged 15+

**WELKNW** 1 | 336 (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 | 337 (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 | 339 (0:24)

OCCUP. OF LONGEST JOB BY MAJOR GROUPS

*Values:* 0 = NIU
See Appendix B for values.

*Universe:* All Persons aged 15+

**WEUEMP** 1 | 341 (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 | 342 (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 | 343 (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 | 345 (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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**WKSWORK** 2 | 346 (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 | 348 (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 | 349 (0:2)

Worked last year recode, including temporary and part-time

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All persons 15+

**WTEMP** 1 | 350 (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 | 351 (0:9)

Allocation flag for HRCHECK

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

*Universe:* HRCHECK > 0

**I_HRSWK** 1 | 352 (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 | 353 (0:9)

Allocation flag for INDUSTRY

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

*Universe:* WKSWORK > 0

**I_LJCW** 1 | 354 (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 | 355 (0:9)

Allocation flag for LKSTRCH

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

*Universe:* LKSTRCH > 0

**I_LKWEEK** 1 | 356 (0:9)

Allocation flag for LKWEEKS

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

*Universe:* LKWEEKS > 0

**I_LOSEWK** 1 | 357 (0:9)

Allocation flag for LOSEWKS

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

*Universe:* LOSEWKS > 0

**I_NOEMP** 1 | 358 (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 | 359 (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 | 360 (0:9)

Allocation flag for NWLOOK

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

*Universe:* NWLOOK > 0

| Variable | Length | Position | Range |
|---|---|---|---|

**I_OCCUP** 1 | 361 (0:9)

Allocation flag for OCCUP

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

*Universe:* WKSWORK > 0

**I_PHMEMP** 1 | 362 (0:9)

Allocation flag for PHMEMPRS

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

*Universe:* PHMEMPRS > 0

**I_PTRSN** 1 | 363 (0:9)

Allocation flag for PTRSN

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

*Universe:* PTRSN

**I_PTWKS** 1 | 364 (0:9)

Allocation flag for PTWEEKS

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

*Universe:* PTWEEKS > 0

**I_PTYN** 1 | 365 (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 | 366 (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 | 367 (0:9)

Allocation flag for RSNNOTW

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

*Universe:* RSNNOTW > 0

**I_WKCHK** 1 | 368 (0:9)

Allocation flag for WKCHECK

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

*Universe:* WKCHECK > 0

**I_WKSWK** 1 | 369 (0:9)

Allocation flag for WKSWORK

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

*Universe:* WKSWORK > 0

**I_WORKYN** 1 | 370 (0:9)

Allocation flag for WORKYN

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

*Universe:* All persons 15+

**I_WTEMP** 1 | 371 (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 | 372 (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 | 373 (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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**ERN_VAL** 7 | 374 (-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 | 381 (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 | 382 (-999999:9999999)

amount of farm self-employment earnings from secondary source

*Values:* 0 = none or niu;
-999999-9999999 = farm self employment

*Universe:* FRMOTR = 1

**FRMOTR** 1 | 389 (0:2)

receiving farm self-employment from secondary source

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* ERN_OTR = 1

**FRSE_VAL** 7 | 390 (-9999999:9999999)

total amount of farm self-employment earnings (combined amounts in ERN_VAL, if ERN_SRCE=3, and FRM_VAL)

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

*Universe:* ERN_YN=1 or FRMOTR=1

**FRSE_YN** 1 | 397 (0:2)

receiving any farm self-employment

*Values:* 0= Niu
1= Yes
2= No

*Universe:* ERN_YN=1 or FRMOTR=1

**PEARNVAL** 8 | 398 (-99999:99999999)

total persons earnings

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

*Universe:* All Persons aged 15+

**SE_VAL** 7 | 406 (-99999:9999999)

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 | 413 (-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 | 420 (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 | 421 (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 | 422 (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 | 423 (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 | 430 (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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**WSAL_YN** 1 | 437 (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 | 438 (-1:999999)

Retirement income, annuities amount

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

*Universe:* ANN_YN = 1

**ANN_YN** 1 | 444 (0:2)

Retirement income, annuities, y/n

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Persons aged 15+

**CAP_VAL** 6 | 445 (0:999999)

capital gains value

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

*Universe:* CAP_YN = 1

**CAP_YN** 1 | 451 (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 | 452 (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 | 459 (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+

**DIS_HP** 1 | 460 (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 | 461 (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 | 463 (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 | 465 (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 | 471 (00000:999999)

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

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

*Universe:* DIS_SC2>0

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**DIS_YN** 1 | 477 (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 | 478 (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 | 484 (0:2)

Did ... receive dividends?

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Persons aged 15+

**DSAB_VAL** 6 | 485 (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 | 491 (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 | 492 (0:7)

Retirement 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

**DST_SC2** 1 | 493 (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 | 494 (0:7)

Retirement 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 | 495 (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 | 501 (000000:999999)

Retirement 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 | 507 (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 | 513 (000000:999999)

Retirement Distribution amount 2, under age 58

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

*Universe:* DST_SC2_YNG = 1

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**DST_YN** 1 | 519 (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 | 520 (0:2)

Retirement Distribution Recipiency, person under age 58

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* Persons under age 58 (a_age < 58)

**ED_VAL** 6 | 521 (0:999999)

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

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

*Universe:* ED_YN = 1

**ED_YN** 1 | 527 (0:2)

Did ... receive educational assistance?

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Persons aged 15+

**FAMREL** 2 | 528 (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 | 530 (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

**FIN_YN** 1 | 536 (0:2)

Did ... receive financial assistance?

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Persons aged 15+

**INT_VAL** 6 | 537 (0:999999)

Edited total combined interest income

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

*Universe:* INT_YN = 1

**INT_YN** 1 | 543 (0:2)

Edited total combined interest income, y/n

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Persons aged 15+

**OED_TYP1** 1 | 544 (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 | 545 (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 | 546 (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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|
| **OI_OFF** | 2 | 547 | (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 | 549 | (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 | 555 | (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 | 556 | (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

| | | | |
|---|---|---|---|
| **PEN_SC2** | 1 | 557 | (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 | 558 | (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 | 564 | (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 | 570 | (0:2) |

Retirement income, pension y/n

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Persons aged 15+

| | | | |
|---|---|---|---|
| **PNSN_VAL** | 7 | 571 | (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 | 578 | (-99999:99999999) |

All income not from earnings

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

*Universe:* All Persons aged 15+

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**PTOT_R** 2 | 586 (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 | 588 (-99999:99999999)

total persons income

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

*Universe:* All Persons aged 15+

**RESNSS1** 1 | 596 (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 | 597 (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 | 598 (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 | 599 (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 | 600 (0:99999)

Retirement contributiion, amount

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

*Universe:* RETCB_YN = 1

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**RETCB_YN** 1 | 605 (0:2)

Retirement contribution, y/n

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All people 15 years and over

**RINT_SC1** 1 | 606 (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 | 607 (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 | 608 (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 | 614 (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 | 620 (0:2)

Interest income - retirement, y/n

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Persons aged 15+

**RNT_VAL** 6 | 621 (-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 | 627 (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 | 628 (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 | 634 (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 | 639 (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 | 640 (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 | 645 (0:2)

Did ... received ssi?

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Persons aged 15+

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**STRKUC** 1 | 646 (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 | 647 (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 | 648 (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 | 650 (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 | 652 (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

**SUR_VAL2** 6 | 658 (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 | 664 (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 | 665 (0:99999)

Interest amount, excluding retirement account interest.

*Values:* dollar value

*Universe:* INT_YN = 1

**TSURVAL1** 1 | 670 (0:1)

Survivor income source 1, topcoded flag

*Values:* 0 = not topcoded;
1 = topcoded

*Universe:* SUR_VAL1 > 0

**TSURVAL2** 1 | 671 (0:1)

Survivor income source 2, topcoded flag

*Values:* 0 = not topcoded;
1 = topcoded

*Universe:* SUR_VAL2 > 0

**UC_VAL** 5 | 672 (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 | 677 (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+

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**VET_QVA** 1 | 678 (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 | 679 (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 | 680 (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 | 681 (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 | 682 (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 | 683 (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 | 684 (0:999999)

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

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

*Universe:* VET_YN = 1

**VET_YN** 1 | 690 (0:2)

Did ... receive veterans' payments?

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* All Persons aged 15+

**WC_TYPE** 1 | 691 (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 | 692 (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 | 697 (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 | 698 (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 | 700 (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 | 701 (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

| Variable | Length | Position | Range |
|---|---|---|---|

**PAW_YN** 1 | 706 (0:2)

At any time during 20.., even for one month, did... receive any 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 | 707 (0:2)

Was ... included in that plan?

*Values:* 0 = niu
1 = yes
2 = no

*Universe:* PENPLAN = 1

**PENPLAN** 1 | 708 (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 | 709 (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 | 710 (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 | 711 (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 | 712 (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

**CHSP_YN** 1 | 717 (0:2)

Is this person required to pay child support?

*Values:* 0= Niu
1= Yes
2= No

*Universe:* CHELSEW_YN

**CSP_VAL** 5 | 718 (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 | 723 (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 | 724 (0:99999)

Refundable portion of child tax credit; this represents the fully refundable, expanded child tax credit in 2021

*Values:* 0 = none
1-99999 = dollar amount

*Universe:* Tax unit head or dependent filer

**AGI** 7 | 729 (-999999:9999999)

Federal adjusted gross income

*Values:* 0 = none
dollar amount

*Universe:* Tax unit head or dependent filer

**CTC_CRD** 5 | 736 (0:99999)

Nonrefundable portion of child tax credit and credits and other dependents; this represents credits for other dependents in 2021 as child tax credit is fully refundable

*Values:* 0 = none
1-99999 = dollar amount

*Universe:* Tax unit head or dependent filer

**DEP_STAT** 2 | 741 (00:16)

Person index (A_LINENO) of filer who claimed this dependent

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

*Universe:* Dependent in a tax unit

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**EIT_CRED** 4 | 743 (0:9999)

Earned income tax credit

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

*Universe:* Tax unit head or dependent filer

**FEDTAX_AC** 7 | 747 (-99999:9999999)

Federal income tax liability, after all refundable credits and Economic Impact Payment 3. FEDTAX_AC = FEDTAX_BC - ACTC_CRD - EIT_CRED

*Values:* 0 = none; dollar amount

*Universe:* Tax unit head or dependent filer

**FEDTAX_BC** 7 | 754 (0:9999999)

Federal income tax liability, before refundable credits

*Values:* 0 = none; dollar amount

*Universe:* Tax unit head or dependent filer

**FICA** 5 | 761 (0:99999)

Social security retirement payroll deduction

*Values:* 0 = none
1-99999 = dollar amount

*Universe:* All persons

**FILESTAT** 1 | 766 (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 | 767 (00:99)

Marginal tax rate

*Values:* 0 = none; marginal rate

*Universe:* Tax unit head or dependent filer

**PRSWKXPNS** 4 | 769 (0:1999)

Work Expenses

*Values:* 0=none; dollar amount

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

**STATETAX_A** 6 | 773 (-9999:9999999)

State income tax liability, after all credits

*Values:* 0 = none; dollar amount

*Universe:* Tax unit head or dependent filer

**STATETAX_B** 6 | 779 (0:9999999)

State income tax liability, before credits

*Values:* 0 = none; dollar amount

*Universe:* Tax unit head or dependent filer

**TAX_ID** 10 | 785 (000000000:9999999999)

Tax unit ID number

*Values:* 0000000000-9999999999 = tax unit ID number

*Universe:* All persons

**TAX_INC** 7 | 795 (0:9999999)

Taxable income amount

*Values:* 0 = none; dollar amount

*Universe:* Tax unit head or dependent filer

### ***SubTopic:*** *Allocation Flags*

**I_ANNVAL** 1 | 802 (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 | 803 (0:9)

Allocation flag for ANN_YN

*Values:* See I_ANNVAL for allocation flag values.

*Universe:* ANN_YN > 0

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|
| **I_CAPVAL** | 1 | 804 | (0:9) |
| Allocation flag for CAP_VAL<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* CAP_VAL > 1 | | | |
| **I_CAPYN** | 1 | 805 | (0:9) |
| Allocation flag for CAP_YN<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* CAP_YN > 0 | | | |
| **I_CHCAREYN** | 1 | 806 | (0:9) |
| Allocation flag for CHCARE_YN<br>*Values:* 0 = No allocation<br>1 = Allocated<br>*Universe:* CHCARE_YN > 0 | | | |
| **I_CHELSEWYN** | 1 | 807 | (0:9) |
| Allocation flag for CHELSEW_YN<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* CHELSEW_YN > 0 | | | |
| **I_CHSPVAL** | 1 | 808 | (0:9) |
| Allocation flag for CHSP_VAL<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* CHSP_YN = 1 | | | |
| **I_CHSPYN** | 1 | 809 | (0:9) |
| Allocation flag for CHSP_YN<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* CHELSEW_YN = 1 | | | |
| **I_CSPVAL** | 1 | 810 | (0:9) |
| Allocation flag for CSP_VAL<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* CSP_YN = 1 | | | |
| **I_CSPYN** | 1 | 811 | (0:9) |
| Allocation flag for CSP_YN<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* CSP_YN > 0 | | | |
| **I_DISCS** | 1 | 812 | (0:9) |
| Allocation flag for DIS_CS<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* DIS_CS > 0 | | | |
| **I_DISHP** | 1 | 813 | (0:9) |
| Allocation flag for DIS_HP<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* DIS_HP > 0 | | | |
| **I_DISSC1** | 1 | 814 | (0:9) |
| Allocation flag DIS_SC1<br>*Values:* 0 = No change<br>1 = Allocated<br>9 = Full record imputation (FL_665 ≠ 1)<br>*Universe:* DIS_SC1 > 0 | | | |
| **I_DISSC2** | 1 | 815 | (0:9) |
| Allocation flag for DIS_SC2<br>*Values:* 0 = No change<br>1 = Allocated<br>9 = Full record imputation (FL_665 ≠ 1)<br>*Universe:* DIS_SC2 > 0 | | | |
| **I_DISVL1** | 1 | 816 | (0:9) |
| Allocation flag for DIS _VAL1<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* DIS_VAL1 > 0 | | | |
| **I_DISVL2** | 1 | 817 | (0:9) |
| Allocation flag for DIS _VAL2<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* DIS_VAL2 > 0 | | | |
| **I_DISYN** | 1 | 818 | (0:9) |
| Allocation flag for DIS_YN<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* DIS_YN > 0 | | | |
| **I_DIVVAL** | 1 | 819 | (0:9) |
| Allocation flag for DIV_VAL<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* DIV_YN = 1 | | | |
| **I_DIVYN** | 1 | 820 | (0:1) |
| Allocation flag for DIV_YN<br>*Values:* See I_ANNVAL for allocation flag values.<br>*Universe:* All Persons 15+ | | | |

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**I_DSTSC** 1 | 821 (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 | 822 (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 | 823 (0:11)

Composite allocation flag, distribution amount from first retirement, DST_VAL1

*Values:* See I_INTYN for allocation flag values.

*Universe:*

**I_DSTVAL2COMP** 2 | 825 (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 | 827 (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 | 829 (0:9)

Allocation flag for OED_TYP(1-3)

*Values:* See I_ANNVAL for allocation flag values.

*Universe:* OED_TYP(1-3) > 0

**I_EDYN** 1 | 830 (0:9)

Allocation flag for ED_YN

*Values:* See I_ANNVAL for allocation flag values.

*Universe:* ED_YN > 0

**I_ERNSRC** 1 | 831 (0:9)

Allocation flag for ERN_SRCE

*Values:* See I_ANNVAL for allocation flag values.

*Universe:* ERN_SRCE > 0

**I_ERNVAL** 1 | 832 (0:9)

Allocation flag for ERN_VAL

*Values:* See I_ANNVAL for allocation flag values.

*Universe:* ERN_VAL > 0

**I_ERNYN** 1 | 833 (0:9)

Allocation flag for ERN_YN

*Values:* See I_ANNVAL for allocation flag values

*Universe:* ERN_YN > 0

**I_FINVAL** 1 | 834 (0:9)

Allocation flag for FIN_VAL

*Values:* See I_ANNVAL for allocation flag values.

*Universe:* FIN_VAL > 0

**I_FINYN** 1 | 835 (0:9)

Allocation flag for FIN_YN

*Values:* See I_ANNVAL for allocation flag values.

*Universe:* FIN_YN > 0

**I_FRMVAL** 1 | 836 (0:9)

Allocation flag for FRM_VAL

*Values:* See I_ANNVAL for allocation flag values.

*Universe:* FRM_VAL > 0

**I_FRMYN** 1 | 837 (0:9)

Allocation flag for FRMOTR

*Values:*

*Universe:* FRMOTR > 0

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**I_INTVAL** 2 | 838 (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 | 840 (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 | 842 (0:9)

Allocation flag for ED_VAL

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

**I_OIVAL** 1 | 843 (0:9)

Allocation flag for OI_VAL

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

**I_PAWMO** 1 | 844 (0:9)

Allocation flag for PAW_MON

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

**I_PAWTYP** 1 | 845 (0:9)

Allocation flag for PAW_TYP

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

**I_PAWVAL** 1 | 846 (0:9)

Allocation flag for PAW_VAL

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

**I_PAWYN** 1 | 847 (0:9)

Allocation flag for PAW_YN

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

**I_PENINC** 1 | 848 (0:9)

Allocation flag for PENINCL

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

**I_PENPLA** 1 | 849 (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 | 850 (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 | 851 (0:9)

Allocation flag PEN_SC2

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

*Universe:* PEN_SC2 > 0

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|
| **I_PENVAL1** | 1 | 852 | (0:9) |
| Allocation flag, PEN_VAL1 | | | |
| *Values:* See I_ANNVAL for allocation flag values. | | | |
| *Universe:* PEN_VAL1 > 0 | | | |
| **I_PENVAL2** | 1 | 853 | (0:9) |
| Allocation flag PEN_VAL2 | | | |
| *Values:* See I_ANNVAL for allocation flag values. | | | |
| *Universe:* PEN_VAL2 > 0 | | | |
| **I_PENYN** | 1 | 854 | (0:9) |
| Allocation flag for PEN_YN | | | |
| *Values:* See I_ANNVAL for allocation flag values. | | | |
| *Universe:* PEN_YN > 0 | | | |
| **I_RETCBVAL** | 1 | 855 | (0:9) |
| Imputation flag for RETCB_VAL | | | |
| *Values:* See I_ANNVAL for allocation flag values. | | | |
| *Universe:* RETCB_VAL > 0 | | | |
| **I_RETCBYN** | 1 | 856 | (0:9) |
| Imputation flag for RETCB_YN | | | |
| *Values:* See I_ANNVAL for allocation flag values. | | | |
| *Universe:* RETCB_YN > 0 | | | |
| **I_RINTSC** | 1 | 857 | (0:9) |
| Allocation flag for RINT_SC1 | | | |
| *Values:* See I_ANNVAL for allocation flag values | | | |
| *Universe:* RINT_SC1 > 0 | | | |
| **I_RINTVAL1** | 1 | 858 | (0:9) |
| Allocation flag for RINT_VAL1 | | | |
| *Values:* See I_ANNVAL for allocation flag values | | | |
| *Universe:* RINT_VAL1 > 0 | | | |
| **I_RINTVAL2** | 1 | 859 | (0:9) |
| Allocation flag for RINT_VAL2 | | | |
| *Values:* See I_ANNVAL for allocation flag values | | | |
| *Universe:* RINT_VAL2 > 0 | | | |
| **I_RINTYN** | 1 | 860 | (0:9) |
| Allocation flag for RINT_YN | | | |
| *Values:* See I_ANNVAL for allocation flag values | | | |
| *Universe:* RINT_YN > 0 | | | |
| **I_RNTVAL** | 1 | 861 | (0:9) |
| Allocation flag for RNT_VAL | | | |
| *Values:* See I_ANNVAL for allocation flag values | | | |
| *Universe:* RNT_VAL > 0 | | | |
| **I_RNTYN** | 1 | 862 | (0:9) |
| Allocation flag for RNT_YN | | | |
| *Values:* See I_ANNVAL for allocation flag values | | | |
| *Universe:* RNT_YN > 0 | | | |
| **I_SEVAL** | 1 | 863 | (0:9) |
| Allocation flag for SE_VAL | | | |
| *Values:* See I_ANNVAL for allocation flag values | | | |
| *Universe:* SE_VAL > 0 | | | |
| **I_SEYN** | 1 | 864 | (0:9) |
| Allocation flag for SEOTR | | | |
| *Values:* See I_ANNVAL for allocation flag values | | | |
| *Universe:* SE_YN > 0 | | | |
| **I_SSIVAL** | 2 | 865 | (0:15) |
| Allocation flag for SSI_VAL | | | |
| *Values:* See I_INTVAL for allocation flag values. | | | |
| *Universe:* SSI_VAL > 0 | | | |
| **I_SSIYN** | 2 | 867 | (0:11) |
| Allocation flag for SSI_YN | | | |
| *Values:* See I_INTYN for allocation flag values. | | | |
| *Universe:* SSI_YN > 0 | | | |
| **I_SSVAL** | 2 | 869 | (0:15) |
| Composite allocation flag for SS_VAL | | | |
| *Values:* See I_INTVAL for allocation flag values. | | | |
| *Universe:* SS_VAL > 0 | | | |
| **I_SSYN** | 2 | 871 | (0:11) |
| Composite allocation flag for SS_YN | | | |
| *Values:* See I_INTYN for allocation flag values. | | | |
| *Universe:* SS_YN > 0 | | | |

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**I_SURSC1** 1 | 873 (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 | 874 (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 | 875 (0:9)

Allocation flag for SUR_VAL1

*Values:* See I_ANNVAL for allocation flag values

*Universe:* SUR_VAL1 > 0

**I_SURVL2** 1 | 876 (0:9)

Allocation flag for SUR_VAL2

*Values:* See I_ANNVAL for allocation flag values

*Universe:* SURV_VAL2 > 0

**I_SURYN** 1 | 877 (0:9)

Allocation flag for SUR_YN

*Values:* See I_ANNVAL for allocation flag values

*Universe:* SUR_YN > 0

**I_UCVAL** 2 | 878 (0:15)

Composite allocation flag for all unemployment compensation components

*Values:* See I_INTVAL for allocation flag values.

*Universe:* UC_VAL > 0

**I_UCYN** 2 | 880 (0:11)

Composite allocation flag for all unemployment compensation components

*Values:* See I_INTYN for allocation flag values.

*Universe:* UC_YN > 0

**I_VETQVA** 1 | 882 (0:9)

Allocation flag for VET_QVA

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

*Universe:* VET_QVA > 0

**I_VETTYP** 1 | 883 (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 | 884 (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 | 886 (0:9)

Allocation flag for VET_YN

*Values:* See I_ANNVAL for allocation flag values

*Universe:* VET_YN > 0

**I_WCTYP** 1 | 887 (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 | 888 (0:9)

Allocation flag for WC_VAL

*Values:* See I_ANNVAL for allocation flag values

*Universe:* WC_VAL > 0

**I_WCYN** 1 | 889 (0:9)

Allocation flag for WC_YN

*Values:* See I_ANNVAL for allocation flag values

*Universe:* WC_YN > 0

**I_WSVAL** 1 | 890 (0:9)

Allocation flag for WS_VAL

*Values:* See I_ANNVAL for allocation flag values

*Universe:* WS_VAL > 0

**I_WSYN** 1 | 891 (0:9)

Allocation flag for ERN_OTR

*Values:*

*Universe:* ERN_OTR > 0

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|
| **RESNSSA** | 1 | 892 | (0:9) |

Allocation flag for RESNSS1-2

*Values:* See I_ANNVAL for allocation flag values

*Universe:* RESNSS1 or RESNSS2 > 0

| **RESNSSIA** | 1 | 893 | (0:9) |
|---|---|---|---|

Allocation flag for RESNSSI1-2

*Values:* See I_ANNVAL for allocation flag values

*Universe:* RESNSSI > 0

| **WICYNA** | 1 | 894 | (0:1) |
|---|---|---|---|

Allocation flag for WICYN

*Values:* 0 = Not allocated or NIU
1 = Allocated

*Universe:* WICYN > 0

### ***SubTopic:*** *Topcoding Flags*

| **TANN_VAL** | 1 | 895 | (0:1) |
|---|---|---|---|

Topcode flag for ANN_VAL

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* ANN_VAL > 0

| **TCAP_VAL** | 1 | 896 | (0:1) |
|---|---|---|---|

Topcode flag for CAP_VAL

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* CAP_VAL > 0

| **TCERNVAL** | 1 | 897 | (0:1) |
|---|---|---|---|

Topcode flag for ERN_VAL

*Values:* 0 = not topcoded;
1 = topcoded

*Universe:* ERN_VAL > 0

| **TCFFMVAL** | 1 | 898 | (0:1) |
|---|---|---|---|

Topcode flag for FRM_VAL

*Values:* 0 = not topcoded;
1 = topcoded

*Universe:* FRM_VAL > 0

| **TCHSP_VAL** | 1 | 899 | (0:1) |
|---|---|---|---|

Topcode flag for CHSP_VAL

*Values:* 0 = not topcoded;
1 = topcoded

*Universe:* CHSP_VAL > 0

| **TCSEVAL** | 1 | 900 | (0:1) |
|---|---|---|---|

Topcode flag for SE_VAL

*Values:* 0 = not topcoded;
1 = topcoded

*Universe:* SE_VAL > 0

| **TCSP_VAL** | 1 | 901 | (0:1) |
|---|---|---|---|

Topcode flag for CSP_VAL

*Values:* 0 = not topcoded;
1 = topcoded

*Universe:* CSP_VAL > 0

| **TCWSVAL** | 1 | 902 | (0:1) |
|---|---|---|---|

Topcode flag for WS_VAL

*Values:* 0 = not topcoded;
1 = topcoded

*Universe:* WS_VAL > 0

| **TDISVAL1** | 1 | 903 | (0:1) |
|---|---|---|---|

Topcode flag for DIS_VAL1

*Values:* 0 = not topcoded;
1 = topcoded

*Universe:* DIS_VAL1 > 0

| **TDISVAL2** | 1 | 904 | (0:1) |
|---|---|---|---|

Topcode flag for DIS_VAL2

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* DIS_VAL2 > 0

| **TDIV_VAL** | 1 | 905 | (0:1) |
|---|---|---|---|

Topcode flag for DIV_VAL

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* DIV_VAL > 0

| **TDST_VAL1** | 1 | 906 | (0:1) |
|---|---|---|---|

Topcode flag for DST_VAL1

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* DST_VAL1 > 0

| **TDST_VAL1_YNG** | 1 | 907 | (0:1) |
|---|---|---|---|

topcode flag for DST_VAL1_YNG

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* DST_VAL1_YNG > 0

| Variable | Length | Position | Range |
|---|---|---|---|

**TDST_VAL2** 1 | 908 (0:1)

Topcode flag for DST_VAL2

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* DST_VAL2 > 0

**TDST_VAL2_YNG** 1 | 909 (0:1)

Topcode flag for DST_VAL2_YNG

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* DST_VAL2_YNG >0

**TED_VAL** 1 | 910 (0:1)

Topcode flag for ED_VAL

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* ED_VAL > 0

**TFIN_VAL** 1 | 911 (0:1)

Topcode flag for FIN_VAL

*Values:* 0 = not topcoded;
1 = topcoded

*Universe:* FIN_VAL > 0

**TOI_VAL** 1 | 912 (0:1)

Topcode flag for OI_VAL

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* OI_VAL > 0

**TPEN_VAL1** 1 | 913 (0:1)

Topcode flag for PEN_VAL1

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* PEN_VAL1 > 0

**TPEN_VAL2** 1 | 914 (0:1)

Topcode flag for PEN_VAL2

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* PEN_VAL2 > 0

**TRINT_VAL1** 1 | 915 (0:1)

Topcode flag for RINT_VAL1

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* RINT_VAL1 > 0

**TRINT_VAL2** 1 | 916 (0:1)

Topcode flag for RINT_VAL2

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* RINT_VAL2 > 0

**TRNT_VAL** 1 | 917 (0:1)

Rent income, topcoded flag

*Values:* 0 = not topcoded;
1 = topcoded

*Universe:* RNT_VAL > 0

**TTRDINT_VAL** 1 | 918 (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*

**PERLIS** 2 | 919 (-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 people in families and unrelated individuals aged 15 and older

**POV_UNIV** 1 | 921 (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*

**COV** 1 | 922 (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 | 923 (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

**COV_MULT_CYR** 1 | 924 (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

**NOCOV_CYR** 1 | 925 (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

**NOW_COV** 1 | 926 (1:2)

Currently covered by health insurance coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

### ***SubTopic:*** *Public coverage*

**I_NOW_PUB** 1 | 927 (0:3)

Allocation flag for NOW_PUB

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

*Universe:* All Persons

**I_PUB** 2 | 928 (-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

**NOW_PUB** 1 | 930 (1:2)

Current public coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

**PUB** 1 | 931 (0:2)

Public coverage last year

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

*Universe:* All Persons

**PUB_CYR** 1 | 932 (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 | 933 (0:2)

Private coverage through household member last year

*Values:* 0= Niu
1= Yes
2= No

*Universe:* PRIV = 1

**I_DEPPRIV** 2 | 934 (-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 | 936 (-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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**I_NOW_OUTPRIV** 2 | 938 (-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 | 940 (-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 | 942 (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 | 943 (-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 | 945 (-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 | 947 (-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

**NOW_DEPPRIV** 1 | 949 (0:2)

Current private coverage through household member

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_PRIV = 1

**NOW_OUTPRIV** 1 | 950 (0:2)

Current private coverage through someone outside the household

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_PRIV = 1

**NOW_OWNPRIV** 1 | 951 (0:2)

Current private coverage - policyholder

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_PRIV = 1

**NOW_PRIV** 1 | 952 (1:2)

Current private coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

**OUTPRIV** 1 | 953 (0:2)

Private coverage through someone outside last year

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* PRIV = 1

**OWNPRIV** 1 | 954 (0:2)

Private coverage last year - policyholder

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* PRIV = 1

**PRIV** 1 | 955 (0:2)

Covered by private plan last year

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

*Universe:* All Persons

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|
| **PRIV_CYR** | 1 | 956 | (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 | 957 | (0:2) |

Employment-based coverage through household member last year

*Values:* 0= Niu
1= Yes
2= No

*Universe:* GRP = 1

| | | | |
|---|---|---|---|
| **GRP** | 1 | 958 | (0:2) |

Any employment-based coverage last year

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

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **GRPFTYP** | 1 | 959 | (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 | 960 | (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 | 961 | (0:20) |

Policyholder line number 1 - employment-based coverage last year

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

*Universe:* DEPGRP = 1

| | | | |
|---|---|---|---|
| **GRPOUT** | 1 | 963 | (0:2) |

Provided employment-based coverage to someone outside HH last year

*Values:* 0= Niu
1= Yes
2= No

*Universe:* GRP = 1

| | | | |
|---|---|---|---|
| **HIPAID** | 1 | 964 | (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 | 965 | (-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 | 967 | (-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 | 969 | (-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 | 971 | (-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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**I_NOW_DEPGRP** 2 | 973 (-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 | 975 (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 | 976 (-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 | 978 (-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 | 980 (-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 | 982 (-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

**I_OUTGRP** 2 | 984 (-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 | 986 (-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 | 988 (0:2)

Current employment-based coverage through household member

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_GRP = 1

**NOW_GRP** 1 | 989 (1:2)

Any current employment-based coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

**NOW_GRPFTYP** 1 | 990 (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 | 991 (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 | 992 (0:20)

Policyholder line number - current employment-based coverage

*Values:* 0 - 20

*Universe:* NOW_DEPGRP = 1

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**NOW_GRPOUT** 1 | 994 (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 | 995 (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 | 996 (0:2)

Current employment-based coverage through someone outside HH

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_GRP = 1

**NOW_OWNGRP** 1 | 997 (0:2)

Current employment-based coverage - policyholder

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_GRP = 1

**OUTGRP** 1 | 998 (0:2)

Employment-based coverage through someone outside HH last year

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* GRP = 1

**OWNGRP** 1 | 999 (0:2)

Employment-based coverage last year - policyholder

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* GRP = 1

## ***SubTopic:*** *Direct-purchase coverage*

**DEPDIR** 1 | 1000 (0:2)

Direct-purchase coverage through household member last year

*Values:* 0= Niu
1= Yes
2= No

*Universe:* DIR = 1

**DIR** 1 | 1001 (0:2)

Any direct-purchase coverage last year

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

*Universe:* All Persons

**DIRFTYP** 1 | 1002 (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 | 1003 (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 | 1004 (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 | 1006 (0:2)

Provided direct-purchase coverage to someone outside HH last year

*Values:* 0= Niu
1= Yes
2= No

*Universe:* DIR = 1

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**I_DEPDIR** 2 | 1007 (-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 | 1009 (-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 | 1011 (-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 | 1013 (-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 | 1015 (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 | 1016 (-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

**I_NOW_OUTDIR** 2 | 1018 (-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 | 1020 (-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 | 1022 (-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 | 1024 (-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 | 1026 (0:2)

Current direct-purchase coverage through household member

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_DIR = 1

**NOW_DIR** 1 | 1027 (1:2)

Any current direct-purchase coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**NOW_DIRFTYP** 1 | 1028 (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 | 1029 (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 | 1030 (0:20)

Policyholder line number - current direct-purchase coverage

*Values:* 0 - 20

*Universe:* NOW_DEPDIR = 1

**NOW_DIROUT** 1 | 1032 (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 | 1033 (0:2)

Current direct-purchase coverage through someone outside HH

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_DIR = 1

**NOW_OWNDIR** 1 | 1034 (0:2)

Current direct-purchase coverage - policyholder

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_DIR = 1

**OUTDIR** 1 | 1035 (0:2)

Direct-purchase coverage through someone outside HH last year

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* DIR = 1

**OWNDIR** 1 | 1036 (0:2)

Direct-purchase coverage last year - policyholder

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* DIR = 1

## ***SubTopic:*** *Marketplace coverage*

**DEPMRK** 1 | 1037 (0:2)

Marketplace coverage through household member last year

*Values:* 0= Niu
1= Yes
2= No

*Universe:* MRK = 1

**I_DEPMRK** 2 | 1038 (-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

**I_MRK** 2 | 1040 (-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

**I_MRKOUT** 2 | 1042 (-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

**I_NOW_DEPMRK** 2 | 1044 (-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 | 1046 (0:3)

Allocation flag for MRK

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

*Universe:* All Persons

**I_NOW_MRKOUT** 2 | 1047 (-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

**I_NOW_OUTMRK** 2 | 1049 (-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

**I_NOW_OWNMRK** 2 | 1051 (-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

**I_OUTMRK** 2 | 1053 (-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

**I_OWNMRK** 2 | 1055 (-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

**MRK** 1 | 1057 (0:2)

Any Marketplace coverage last year

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

*Universe:* All Persons

**MRKFTYP** 1 | 1058 (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 | 1059 (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 | 1060 (0:20)

Policyholder line number 1 - Marketplace coverage last year

*Values:* 0 - 20

*Universe:* DEPMRK = 1

**MRKOUT** 1 | 1062 (0:2)

Provided Marketplace coverage to someone outside HH last year

*Values:* 0= Niu
1= Yes
2= No

*Universe:* MRK = 1

**NOW_DEPMRK** 1 | 1063 (0:2)

Current Marketplace coverage through household member

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_MRK = 1

**NOW_MRK** 1 | 1064 (1:2)

Any current Marketplace coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**NOW_MRKFTYP** 1 | 1065 (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 | 1066 (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 | 1067 (0:20)

Policyholder line number - current Marketplace coverage

*Values:* 0 - 20

*Universe:* NOW_DEPMRK = 1

**NOW_MRKOUT** 1 | 1069 (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 | 1070 (0:2)

Current Marketplace coverage through someone outside HH

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_MRK = 1

**NOW_OWNMRK** 1 | 1071 (0:2)

Current Marketplace coverage - policyholder

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_MRK = 1

**OUTMRK** 1 | 1072 (0:2)

Marketplace coverage through someone outside HH last year

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* MRK = 1

**OWNMRK** 1 | 1073 (0:2)

Marketplace coverage last year - policyholder

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* MRK = 1

## ***SubTopic:*** *Subsidized Marketplace coverage*

**DEPMRKS** 1 | 1074 (0:2)

Subsidized Marketplace coverage through household member last year

*Values:* 0= Niu
1= Yes
2= No

*Universe:* MRKS = 1

**I_DEPMRKS** 2 | 1075 (-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 | 1077 (-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 | 1079 (-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 | 1081 (-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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|
| **I_NOW_MRKS** | 1 | 1083 | (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 | 1084 | (-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 | 1086 | (-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 | 1088 | (-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 | 1090 | (-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 | 1092 | (-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

| | | | |
|---|---|---|---|
| **MRKS** | 1 | 1094 | (0:2) |

Any subsidized Marketplace coverage last year

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

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **MRKSFTYP** | 1 | 1095 | (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 | 1096 | (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 | 1097 | (0:20) |

Policyholder line number 1 - subsidized Marketplace coverage last year

*Values:* 0 - 20

*Universe:* DEPMRKS = 1

| | | | |
|---|---|---|---|
| **MRKSOUT** | 1 | 1099 | (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 | 1100 | (0:2) |

Current subsidized Marketplace coverage through household member

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_MRKS = 1

| | | | |
|---|---|---|---|
| **NOW_MRKS** | 1 | 1101 | (1:2) |

Any current subsidized Marketplace coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**NOW_MRKSFTYP** 1 | 1102 (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 | 1103 (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 | 1104 (0:20)

Policyholder line number - current subsidized Marketplace coverage

*Values:* 0 - 20

*Universe:* NOW_DEPMRKS = 1

**NOW_MRKSOUT** 1 | 1106 (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 | 1107 (0:2)

Current subsidized Marketplace coverage through someone outside HH

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_MRKS = 1

**NOW_OWNMRKS** 1 | 1108 (0:2)

Current subsidized Marketplace coverage - policyholder

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_MRKS = 1

**OUTMRKS** 1 | 1109 (0:2)

Subsidized Marketplace coverage through someone outside HH last year

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* MRKS = 1

**OWNMRKS** 1 | 1110 (0:2)

Subsidized Marketplace coverage last year - policyholder

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* MRKS = 1

## ***SubTopic:*** *Unsubsidized Marketplace coverage*

**DEPMRKUN** 1 | 1111 (0:2)

Unsubsidized Marketplace coverage through household member last year

*Values:* 0= Niu
1= Yes
2= No

*Universe:* MRKUN = 1

**I_DEPMRKUN** 2 | 1112 (-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 | 1114 (-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 | 1116 (-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 | 1118 (-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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|
| **I_NOW_MRKUN** | 1 | 1120 | (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 | 1121 | (-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 | 1123 | (-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 | 1125 | (-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 | 1127 | (-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 | 1129 | (-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

| | | | |
|---|---|---|---|
| **MRKUN** | 1 | 1131 | (0:2) |

Any unsubsidized Marketplace coverage last year

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

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **MRKUNFTYP** | 1 | 1132 | (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 | 1133 | (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 | 1134 | (0:20) |

Policyholder line number 1 - unsubsidized Marketplace coverage last year

*Values:* 0 - 20

*Universe:* DEPMRKUN = 1

| | | | |
|---|---|---|---|
| **MRKUNOUT** | 1 | 1136 | (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 | 1137 | (0:2) |

Current unsubsidized Marketplace coverage through household member

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_MRKUN = 1

| | | | |
|---|---|---|---|
| **NOW_MRKUN** | 1 | 1138 | (1:2) |

Any current unsubsidized Marketplace coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**NOW_MRKUNFTYP** 1 | 1139 (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 | 1140 (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 | 1141 (0:20)

Policyholder line number - current unsubsidized Marketplace coverage

*Values:* 0 - 20

*Universe:* NOW_DEPMRKUN = 1

**NOW_MRKUNOUT** 1 | 1143 (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 | 1144 (0:2)

Current unsubsidized Marketplace coverage through someone outside HH

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_MRKUN = 1

**NOW_OWNMRKUN** 1 | 1145 (0:2)

Current unsubsidized Marketplace coverage - policyholder

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_MRKUN = 1

**OUTMRKUN** 1 | 1146 (0:2)

Unsubsidized Marketplace coverage through someone outside HH last year

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* MRKUN = 1

**OWNMRKUN** 1 | 1147 (0:2)

Unsubsidized Marketplace coverage last year - policyholder

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* MRKUN = 1

### ***SubTopic:*** *Non-Marketplace coverage*

**DEPNONM** 1 | 1148 (0:2)

Non-Marketplace coverage through household member last year

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NONM = 1

**I_DEPNONM** 2 | 1149 (-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 | 1151 (-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 | 1153 (-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 | 1155 (-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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**I_NOW_NONM** 1 | 1157 (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 | 1158 (-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 | 1160 (-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 | 1162 (-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 | 1164 (-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 | 1166 (-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

**NONM** 1 | 1168 (0:2)

Any non-Marketplace coverage last year

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

*Universe:* All Persons

**NONMFTYP** 1 | 1169 (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 | 1170 (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 | 1171 (0:20)

Policyholder line number 1 - non-Marketplace coverage last year

*Values:* 0 - 20

*Universe:* DEPNONM = 1

**NONMOUT** 1 | 1173 (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 | 1174 (0:2)

Current non-Marketplace coverage through household member

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_NONM = 1

**NOW_NONM** 1 | 1175 (1:2)

Any current non-Marketplace coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**NOW_NONMFTYP** 1 | 1176 (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 | 1177 (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 | 1178 (0:20)

Policyholder line number - current non-Marketplace coverage

*Values:* 0 - 20

*Universe:* NOW_DEPNONM = 1

**NOW_NONMOUT** 1 | 1180 (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 | 1181 (0:2)

Current non-Marketplace coverage through someone outside HH

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_NONM = 1

**NOW_OWNNONM** 1 | 1182 (0:2)

Current non-Marketplace coverage - policyholder

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_NONM = 1

**OUTNONM** 1 | 1183 (0:2)

Non-Marketplace coverage through someone outside HH last year

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* NONM = 1

**OWNNONM** 1 | 1184 (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 | 1185 (-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 | 1187 (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 | 1188 (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 | 1189 (1:2)

Current Medicaid, PCHIP, or other means-tested coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

## ***SubTopic:*** *Medicaid coverage*

**CAID** 1 | 1190 (0:2)

Medicaid coverage last year

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

*Universe:* All Persons

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**I_CAID** 2 | 1191 (-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 | 1193 (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 | 1194 (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 | 1195 (1:2)

Current Medicaid coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

### ***SubTopic:*** *Other means-tested coverage*

**I_NOW_OTHMT** 1 | 1196 (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 | 1197 (-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

**NOW_OTHMT** 1 | 1199 (1:2)

Current other means-tested coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

**OTHMT** 1 | 1200 (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 | 1201 (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 | 1202 (-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 | 1204 (1:2)

Current PCHIP coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

**PCHIP** 1 | 1205 (0:2)

PCHIP coverage last year

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

*Universe:* All Persons

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

### *SubTopic: Medicare coverage*

**I_MCARE** 2 | 1206 (-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 | 1208 (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 | 1209 (0:2)

Medicare coverage last year

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

*Universe:* All Persons

**NOW_MCARE** 1 | 1210 (1:2)

Current Medicare coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

### *SubTopic: Indian Health Service coverage*

**I_IHSFLG** 2 | 1211 (-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 | 1213 (0:3)

Allocation flag for NOW_IHSFLG

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

*Universe:* All Persons

**IHSFLG** 1 | 1214 (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 | 1215 (1:2)

Current coverage through the Indian Health Service

*Values:* 1= Yes
2= No

*Universe:* All Persons

### *SubTopic: TRICARE coverage*

**DEPMIL** 1 | 1216 (0:2)

TRICARE coverage through household member last year

*Values:* 0= Niu
1= Yes
2= No

*Universe:* MIL = 1

**I_DEPMIL** 2 | 1217 (-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 | 1219 (-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 | 1221 (-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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**I_NOW_DEPMIL** 2 | 1223 (-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 | 1225 (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 | 1226 (-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 | 1228 (-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 | 1230 (-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 | 1232 (-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

**I_OWNMIL** 2 | 1234 (-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 | 1236 (0:2)

Any TRICARE coverage last year

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

*Universe:* All Persons

**MILFTYP** 1 | 1237 (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 | 1238 (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 | 1239 (0:20)

Policyholder line number 1 - TRICARE coverage last year

*Values:* 0 - 20

*Universe:* DEPMIL = 1

**MILOUT** 1 | 1241 (0:2)

Provided TRICARE coverage to someone outside HH last year

*Values:* 0= Niu
1= Yes
2= No

*Universe:* MIL = 1

**NOW_DEPMIL** 1 | 1242 (0:2)

Current TRICARE coverage through household member

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_MIL = 1

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**NOW_MIL** 1 | 1243 (1:2)

Any current TRICARE coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

**NOW_MILFTYP** 1 | 1244 (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 | 1245 (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 | 1246 (0:20)

Policyholder line number - current TRICARE coverage

*Values:* 0 - 20

*Universe:* NOW_DEPMIL = 1

**NOW_MILOUT** 1 | 1248 (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 | 1249 (0:2)

Current TRICARE coverage through someone outside HH

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_MIL = 1

**NOW_OWNMIL** 1 | 1250 (0:2)

Current TRICARE coverage - policyholder

*Values:* 0= Niu
1= Yes
2= No

*Universe:* NOW_MIL = 1

**OUTMIL** 1 | 1251 (0:2)

TRICARE coverage through someone outside HH last year

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* MIL = 1

**OWNMIL** 1 | 1252 (0:2)

TRICARE coverage last year - policyholder

*Values:* 0 = Niu
1 = Yes
2 = No

*Universe:* MIL = 1

## ***SubTopic:*** *CHAMPVA coverage*

**CHAMPVA** 1 | 1253 (0:2)

CHAMPVA coverage last year

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

*Universe:* All Persons

**I_CHAMPVA** 2 | 1254 (-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 | 1256 (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 | 1257 (1:2)

Current CHAMPVA coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

### *SubTopic: VACARE coverage*

**I_NOW_VACARE** 1 | 1258 (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 | 1259 (-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 | 1261 (1:2)

Current VACARE coverage

*Values:* 1= Yes
2= No

*Universe:* All Persons

**VACARE** 1 | 1262 (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 | 1263 (-1:2)

Allocation flag: Medicare premium amount (PEMCPREM)

*Values:* 0=Reported
2=Logical Imputation
-1=NIU

*Universe:* MCARE=1

**I_MOOP** 2 | 1265 (-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

**I_MOOP2** 2 | 1267 (-1:3)

Allocation flag for MOOP2

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

*Universe:* All Persons

**I_PHIPVAL** 2 | 1269 (-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 | 1271 (-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 | 1273 (-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 | 1275 (-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 | 1277 (0:9999999)

Total medical out of pocket expenditures. Calculated from PHIP_VAL, POTC_VAL, and PMED_VAL.

*Values:* 0 - 9999999

*Universe:* All Persons

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|
| **MOOP2** | 7 | 1284 | (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 | 1291 | (0000:99999) |

Edited Medicare premium amount

*Values:* dollar amount

*Universe:* MCARE=1

| | | | |
|---|---|---|---|
| **PHIP_VAL** | 6 | 1296 | (0:999999) |

Out of pocket expenditures for comprehensive and non-comprehensive health insurance premiums

*Values:* 0 - 999999

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **PHIP_VAL2** | 6 | 1302 | (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 | 1308 | (0:999999) |

Out of pocket expenditures for non-premium medical care

*Values:* 0 - 999999

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **POTC_VAL** | 5 | 1314 | (0:99999) |

Out of pocket expenditures for over the counter health related spending

*Values:* 0 - 99999

*Universe:* All Persons

| | | | |
|---|---|---|---|
| **TPEMCPREM** | 1 | 1319 | (0:1) |

Topcde flag for PEMCPREM

*Values:* 0 = Not topcoded
1 = Topcded

*Universe:* PEMCPREM > 0

| | | | |
|---|---|---|---|
| **TPHIP_VAL** | 1 | 1320 | (0:1) |

Topcode flag for PHIP_VAL

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* PHIP_VAL > 0

| | | | |
|---|---|---|---|
| **TPHIP_VAL2** | 1 | 1321 | (0:1) |

Topcode flag for PHIP_VAL2

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* PHIP_VAL2 > 0

| | | | |
|---|---|---|---|
| **TPMED_VAL** | 1 | 1322 | (0:1) |

Topcode flag for PMED_VAL

*Values:* 0 = not topcoded
1 = topcoded

*Universe:* PMED_VAL > 0

| | | | |
|---|---|---|---|
| **TPOTC_VAL** | 1 | 1323 | (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 | 1324 | (0:2) |

Eligible to purchase employer's health insurance plan (expanded universe)

*Values:* 0 = NIU
1 = Yes
2 = No

*Universe:* ESIOFFER = 1

| | | | |
|---|---|---|---|
| **ESIELIG1** | 1 | 1325 | (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 | 1326 | (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 | 1327 | (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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**ESIELIG4** 1 | 1328 (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 | 1329 (0:2)

Reason not eligible - Too expensive (expanded universe)

*Values:* 0= Niu
1= Yes
2= No

*Universe:* ESIOFFER = 1 AND ESICOULD = 2

**ESIELIG6** 1 | 1330 (0:2)

Reason not eligible - Other (expanded universe)

*Values:* 0= Niu
1= Yes
2= No

*Universe:* ESIOFFER = 1 AND ESICOULD = 2

**ESIOFFER** 1 | 1331 (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 | 1332 (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 | 1333 (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 | 1334 (0:2)

Reason did not take up - Too expensive (expanded universe)

*Values:* 0= Niu
1= Yes
2= No

*Universe:* ESIOFFER = 1 AND ESICOULD = 1

**ESITAKE4** 1 | 1335 (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 | 1336 (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 | 1337 (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 | 1338 (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 | 1339 (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 | 1340 (-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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**I_ESIELIG1** 2 | 1342 (-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 | 1344 (-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 | 1346 (-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 | 1348 (-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 | 1350 (-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 | 1352 (-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

**I_ESIOFFER** 2 | 1354 (-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 | 1356 (-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 | 1358 (-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 | 1360 (-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 | 1362 (-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 | 1364 (-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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**I_ESITAKE6** 2 | 1366 (-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 | 1368 (-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 | 1370 (-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 | 1372 (-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 | 1374 (-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 | 1376 (-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

**I_PEWNELIG2** 2 | 1378 (-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_PEWNELIG3** 2 | 1380 (-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_PEWNELIG4** 2 | 1382 (-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_PEWNELIG5** 2 | 1384 (-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_PEWNELIG6** 2 | 1386 (-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_PEWNTAKE1** 2 | 1388 (-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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**I_PEWNTAKE2** 2 | 1390 (-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_PEWNTAKE3** 2 | 1392 (-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_PEWNTAKE4** 2 | 1394 (-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_PEWNTAKE5** 2 | 1396 (-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_PEWNTAKE6** 2 | 1398 (-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_PEWNTAKE7** 2 | 1400 (-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

**I_PEWNTAKE8** 2 | 1402 (-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 | 1404 (0:2)

Eligible to purchase employer's health insurance plan

*Values:* 0 = NIU
1 = Yes
2 = No

*Universe:* PEOFFER = 1

**PEOFFER** 1 | 1405 (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 | 1406 (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 | 1407 (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 | 1408 (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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**PEWNELIG4** 1 | 1409 (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 | 1410 (0:2)

Reason not eligible - Too expensive

*Values:* 0= Niu
1= Yes
2= No

*Universe:* PEOFFER = 1 AND PECOULD = 2

**PEWNELIG6** 1 | 1411 (0:2)

Reason not eligible - Other

*Values:* 0= Niu
1= Yes
2= No

*Universe:* PEOFFER = 1 AND PECOULD = 2

**PEWNTAKE1** 1 | 1412 (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 | 1413 (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 | 1414 (0:2)

Reason did not take up - Too expensive

*Values:* 0= Niu
1= Yes
2= No

*Universe:* PEOFFER = 1 AND PECOULD = 1

**PEWNTAKE4** 1 | 1415 (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

**PEWNTAKE5** 1 | 1416 (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 | 1417 (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 | 1418 (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 | 1419 (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 | 1420 (1:5)

Health status

*Values:* 1= Excellent
2= Very good
3= Good
4= Fair
5= Poor

*Universe:* All persons

**I_HEA** 2 | 1421 (-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

| Variable | Length | Position | Range |
|---|---|---|---|

## Topic: Supplemental Poverty Measure

### SubTopic: Record Identifier

**SPM_Head** 1 | 1423 (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 | 1424 (0000000:99999999)

SPM unit identification number

*Values:* Unique identifier

*Universe:* All Persons

### SubTopic: SPM Unit Characteristics

**SPM_ACTC** 5 | 1432 (0:99999)

SPM units Additional Child Tax Credit

*Values:* $0 to $99,999

*Universe:* All Persons

**SPM_BBSUBVAL** 3 | 1437 (0:999)

SPM unit's Broadband/Internet Subsidy

*Values:* 0 = none
1-999 = dollar amount

*Universe:* All persons

**SPM_CapHouseSub** 5 | 1440 (00000:99999)

SPM unit's capped housing subsidy

*Values:* $0 to $99,999

*Universe:* All Persons

**SPM_CapWkCCXpns** 6 | 1445 (0:999999)

SPM unit's capped work and child care expenses

*Values:* $0 to $999,999

*Universe:* All Persons

**SPM_ChildcareXpns** 6 | 1451 (0:999999)

SPM unit's child care expenses-not capped

*Values:* $0 to $999,999

*Universe:* All Persons

**SPM_ChildSupPd** 5 | 1457 (0:99999)

SPM unit's child support paid

*Values:* $0 to $99,999

*Universe:* All Persons

**SPM_EITC** 5 | 1462 (0:999999)

SPM unit's Federal Earned Income Tax Credit

*Values:* $0 to $99,999

*Universe:* All Persons

**SPM_EngVal** 5 | 1467 (0000:10000)

SPM unit's energy subsidy

*Values:* $0 to $99,999

*Universe:* All Persons

**SPM_EquivScale** 6 | 1472 (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 | 1478 (1:5)

SPM unit's family type

*Values:* 1 = Married couple family
2 = Cohabiting partner
3 = Female reference person
4 = Male reference person
5 = Unrelated individuals

*Universe:* All Persons

**SPM_FedTax** 7 | 1479 (-999999:9999999)

SPM unit's Federal tax

*Values:* -$999,999 to $9,999,999

*Universe:* All Persons

**SPM_FedTaxBC** 7 | 1486 (-999999:9999999)

SPM unit's Federal tax before refundable tax credits

*Values:* $-999,999 to $9,999,999

*Universe:* All Persons

**SPM_FICA** 6 | 1493 (0:999999)

SPM unit's Federal Insurance Contributions Act and federal retirement contribution

*Values:* $0 to $999,999

*Universe:* All Persons

**SPM_GeoAdj** 6 | 1499 (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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**SPM_Hage** 2 | 1505 (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 | 1507 (0:1)

Head of SPM unit is Hispanic

*Values:* 1 = Hispanic
0 = Not Hispanic

*Universe:* All Persons

**SPM_HMaritalStatus** 1 | 1508 (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 | 1509 (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 | 1510 (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 | 1517 (0:20)

SPM unit's number of adults

*Values:* 0 to 20

*Universe:* All Persons

**SPM_NumKids** 2 | 1519 (0:20)

SPM unit's number of children

*Values:* 0 to 20

*Universe:* All Persons

**SPM_NumPer** 2 | 1521 (0:20)

SPM unit's number of persons

*Values:* 0 to 20

*Universe:* All Persons

**SPM_Poor** 1 | 1523 (0:1)

SPM poverty status

*Values:* 1 = In poverty
0 = Not in poverty

*Universe:* All Persons

**SPM_PovThreshold** 6 | 1524 (00000:999999)

SPM unit's SPM poverty threshold

*Values:* $0 to $999,999

*Universe:* All Persons

**SPM_Resources** 7 | 1530 (-999999:9999999)

Total SPM resources for SPM unit

*Values:* -$999,999 to $9,999,999

*Universe:* All Persons

**SPM_SchLunch** 5 | 1537 (0000:99999)

SPM unit's school lunch subsidy

*Values:*

*Universe:* All Persons

**SPM_SNAPSub** 5 | 1542 (00000:99999)

SPM unit's Supplemental Nutrition Assistance Program (SNAP) subsidy

*Values:* $0 to $99,999

*Universe:* All Persons

**SPM_StTax** 6 | 1547 (-9999:999999)

SPM unit's state tax

*Values:* -$9,999 to $999,999

*Universe:* All Persons

**SPM_TenMortStatus** 1 | 1553 (1:3)

SPM unit's tenure/mortgage status

*Values:* 1 = Owner with Mortgage
2 = Owner without Mortgage or rent-free
3 = Renter

*Universe:* All Persons

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|
| **SPM_Totval** | 7 | 1554 | (-999999:9999999) |

SPM unit's cash income

*Values:* -$999,999 to $9,999,999
*Universe:* All Persons

| **SPM_wCohabit** | 1 | 1561 | (0:1) |
|---|---|---|---|

SPM unit has cohabiting couple

*Values:* 1 = Has cohabiting couple
0 = No cohabiting couple
*Universe:* All Persons

| **SPM_Weight** | 7 | 1562 | (9999:9999999) |
|---|---|---|---|

SPM unit's integer weight

*Values:*
*Universe:* All Persons

| **SPM_wFoster22** | 1 | 1569 | (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 | 1570 | (0000:9999) |
|---|---|---|---|

SPM unit's Women, Infants, and Children (WIC) subsidy

*Values:* $0 to $9,999
*Universe:* All Persons

| **SPM_WkXpns** | 5 | 1574 | (0:99999) |
|---|---|---|---|

SPM unit's work expenses-not capped

*Values:* $0 to $99,999
*Universe:* All Persons

| **SPM_wNewHead** | 1 | 1579 | (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 | 1580 | (0:1) |
|---|---|---|---|

SPM unit has a new parent

*Values:* 1 = New parent
0 = No new parent
*Universe:* All Persons

| **SPM_wUI_LT15** | 1 | 1581 | (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 | 1582 | (0:4) |
|---|---|---|---|

Metropolitan CBSA status of residence 1 year ago

*Values:* 0 = NIU (under 1 year old, nonmover)
1 = In a metropolitan CBSA
2 = Not in a metropolitan CBSA
3 = Abroad
4 = Not identified
*Universe:* MIGSAME=2,3

| **MIG_DIV** | 2 | 1583 | (0:10) |
|---|---|---|---|

Census division of previous year residence

*Values:* 0 = not in universe (under 1 year old, nonmover)
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:* MIGSAME=2,3

| **MIG_DSCP** | 1 | 1585 | (0:5) |
|---|---|---|---|

Principal city/balance status within metropolitan CBSA for residence 1 year ago

*Values:* 0 = NIU (under 1 year old, nonmover)
1 = Principal city of a metropolitan CBSA
2 = Balance of a metropolitan CBSA
3 = Not in a metropolitan CBSA
4 = Abroad
5 = Not identified
*Universe:* MIGSAME=2,3

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**MIG_MTR1** 1 | 1586 (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 identified

*Universe:* A_AGE>0

**MIG_MTR3** 1 | 1587 (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:* A_AGE>0

**MIG_MTR4** 1 | 1588 (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,
9 = not in universe (children under 1 yr old)

*Universe:* A_AGE>0

**MIG_REG** 1 | 1589 (0:5)

Census region

*Values:* 0 = not in universe (under 1 year old, nonmover)
1 = northeast
2 = midwest
3 = south
4 = west
5 = abroad

*Universe:* MIGSAME=2,3

**MIG_ST** 2 | 1590 (0:96)

FIPS State code of previous residence

*Values:* 00 = niu (under 1 year old, nonmover)
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

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|

**MIGSAME** 1 | 1592 (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 | 1593 (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 = 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 | 1595 (0:4)

Metropolitan CBSA status of residence 5 years ago

*Values:* 0 = NIU (under 5 years old, nonmover)
1 = In a metropolitan CBSA
2 = Not in a metropolitan CBSA
3 = Abroad
4 = Not identified

*Universe:* M5GSAME = 2,3

**M5G_DIV** 2 | 1596 (0:10)

Census division of residence 5 years ago

*Values:* 0 = not in universe (under 5 years 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:* M5GSAME=2,3

**M5G_DSCP** 1 | 1598 (0:5)

Principal city/balance status within metropolitan CBSA for residence 5 years ago

*Values:* 0 = NIU (under 5 years old, nonmover)
1 = Principal city of a metropolitan CBSA
2 = Balance of a metropolitan CBSA
3 = Not in a metropolitan CBSA
4 = Abroad
5 = Not identified

*Universe:* M5GSAME=2,3

**M5G_MTR1** 1 | 1599 (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 5 yrs old)
9 = Not identifed

*Universe:* A_AGE > 4

**M5G_MTR3** 1 | 1600 (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 5 yrs old)

*Universe:* A_AGE > 4

| *Variable* | *Length* | *Position* | *Range* |
|---|---|---|---|
| **M5G_MTR4** | 1 | 1601 | (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
9 = not in universe (children under 5 yrs old)

*Universe:* A_AGE>4

| | | | |
|---|---|---|---|
| **M5G_REG** | 1 | 1602 | (0:5) |

Census region of residence 5 years ago

*Values:* 0 = not in universe (under 1 year old, nonmover)
1 = northeast
2 = midwest
3 = south
4 = west
5 = abroad

*Universe:* M5GSAME=2,3

| | | | |
|---|---|---|---|
| **M5G_ST** | 2 | 1603 | (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 | 1605 (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 | 1606 (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 | 1607 (0:10)

M5G_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 | 1609 (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 | 1610 (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 | 1611 (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 | 1613 (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 | 1614 (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:* All persons

# 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 Centers for Medicare & Medicaid Services (CMS) 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 Temporary Assistance for Needy Families (TANF) 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 TANF 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. A detailed explanation of the poverty definition is available at https://www.census.gov/topics/income-poverty/poverty/guidance/poverty-measures.html.

**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. If the child's family income is at or below 130 percent of the federal poverty level, they are eligible for free lunches. Those who fall between 130 and 185 percent of the federal poverty level are eligible for reduced price lunches. 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).

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 |

# Improved Data Disclosure Avoidance Techniques Applied to the ASEC Microdata Files

IMPLEMENTATION OF ADDITIONAL DATA DISCLOSURE AVOIDANCE TECHNIQUES

Additional data disclosure techniques, which began with the 2023 data collection, are applied to the Annual Social and Economic Supplement (ASEC) microdata files. Changes to the Current Population Survey (CPS) public use files (PUF) disclosure avoidance techniques were implemented to provide added confidentiality protection to these data. For an overview and background on these changes, please see https://www.census.gov/programs-surveys/cps/technical-documentation/user-notes/2023-cps-puf-changes.html.

This documentation provides additional detail about these changes and addresses considerations that data users may have when using the data.

The additional data disclosure techniques were phased in on a monthly basis starting in May 2023. This phase-in was completed in April 2024, at which time all cases on the CPS microdata files reflected the revisions listed below. This means that for the 2025 ASEC file, the entire sample reflects the revisions.

**Household Identification Numbers**

As of January 2023, all MIS 1 cases are assigned Household Identification Numbers (H_IDNUM on the ASEC file; HRHHID1 on basic monthly CPS files) using an algorithm different than the one used in data collected previously. As with data files collected prior to January 2023, these numbers will remain constant over the time that a household remains in sample such that users will be able to use the same matching identification for the life of the case. H_IDNUM uniquely identifies a household on the ASEC data file. HRHHID1 along with HRHHID2 uniquely identify a household on the basic monthly files. This is for your information and the data user will not have to do anything different than in previous data use.

### Section A: Geographic Synthesis

All Geography with population between 100,000 and 250,000 go through a geographic synthesis for privacy protection. Items for consideration include the following:

1. The 2010 Census population measures were used for identifying areas with a population between 100,000 and 249,999.
2. There is no revision to the current practice of geographic suppression of the data for populations under 100,000.
3. This synthesis applies to all CBSAs, identified principal cities, counties, and the component parts of the CBSA (principal city and balance portions). Additionally, CBSAs

that cross state boundaries are subject to synthesis separately for each state in which they occur. The following are eligible for synthesis:

- GTCBSA
- GTCBSAST
- GTCBSASZ
- GTCO
- GTINDVPC
- GTMETSTA
- GTCSA

4. No other data are synthesized by the swap.

**Determining which cases are eligible for synthesis**

The following are key things to consider when looking at data that may be eligible for geographic synthesis:

- While a specific geography may meet the population threshold for synthesis, not all cases in that geography are synthesized. Some are not synthesized and others are synthesized back into their original geography.
- Both nonmetropolitan and metropolitan areas are subject to synthesis.
- If a case is synthesized, all substate geographic codes are updated to reflect the new geography.
- All the substate codes for areas synthesized are revised as a group such that there are no records with missing or inconsistent codes.

For example, the Salisbury CBSA is contained within the states of Maryland and Delaware, with each state-specific portion of the CBSA having a population of 100,000 to 249,999. Thus, each state portion is subject to the synthesis. Conversely, the Wisconsin portion of the Minneapolis CBSA is subject to synthesis, but not the Minnesota portion since its population is over 250,000. Additionally, there are some CBSAs only partially in sample. For these areas, the population for the portion of the area in sample is used to determine whether it requires synthesis.

What follows below are examples based on user questions and comments that arose as the Census Bureau vetted these changes to the CPS PUF over the course of the last year. We hope that these examples help to understand the scope of these changes more clearly.

- Let's take Delaware as an example. There are 3 counties in the state, all of which are classified as metropolitan on the files. The county containing Wilmington (New Castle County, part of the Philadelphia CBSA in Delaware) has a population greater than 249,999 and is not subject to synthesis. The other 2 counties (Kent

County, in the Dover CBSA; and Sussex County, part of the Salisbury CBSA in Delaware), each have a population between 100,000 and 249,999 and are both subject to synthesis. For these areas, the CBSA code and other geographic codes change from Dover to Salisbury and vice versa for some cases while others keep the original CBSA codes.

- We only had one state, Vermont, where there was a single area requiring synthesis. In this case, we synthesized some of the nonmetropolitan areas along with synthesizing the Burlington CBSA.
- Another set of examples can be found in Arkansas. Here we do not synthesize any cases in either the Little Rock or Fayetteville CBSAs. They retain their original codes. All the other areas in the state are subject to synthesis and either retain their original codes or the codes that were assigned by the synthesis process.

**Analysis**

Analysts at the Census Bureau reviewed 3 non-consecutive months of basic monthly public use data files to examine potential issues with the synthesized geographies. (As always, the Census Bureau urges caution when analyzing small sample sizes or subpopulations. For example, Census Bureau guidance recommends pooling three years of CPS ASEC to produce state-level estimates.)

Analysts examined demographics (age, marital status, sex, race, ethnicity, cohabitation status, household type) and key migration variables for differences in distributions between public use basic monthly files with and without geographic synthesis techniques applied. Additionally, analysts examined how geographic synthesis may affect the relationship between full-time employment status at the household level and household-level regressors, such as family income, race and ethnicity, education, average age, household tenure, employment status, disability, citizenship, marital status, having children, and veteran status. Analysts found no meaningful differences in distributions across the two sets of files, nor was there considerable evidence that the geographic synthesis changed the relationship between employment status and the examined variables.

One area of potential concern raised by external data users was the impact on the Supplemental Poverty Measure (SPM), which has geographically-adjusted thresholds. Census Bureau publications will continue to utilize the internal CPS ASEC files and therefore will be unaffected by changes in the CPS PUF. Nonetheless, estimates derived from the public use files were examined to see potential impacts on external data users. For the available subset of the 2022 CPS ASEC, SPM thresholds were re-calculated using synthesized geographies and used to re-estimate SPM rates overall and for detailed demographic subgroups (age, race and Hispanic origin, and CBSA status). The overall SPM rate was not statistically different when using geographically synthesized thresholds. However, significant differences were found with some demographic subgroups and regions, indicating the need for additional research once the geographic synthesis has been fully implemented. Differences in the distribution of people by

income-to-poverty thresholds did not significantly change when estimating supplemental poverty using the new synthesized geographies. This remained true when looking at subsamples by CBSA status.

As part of commitment to data users, the Census Bureau will review the impacts on the current production data and release occasional reports on any possible impacts on data quality. The bureau is constantly reviewing new methods for privacy protections and will refine the model should a better method be found that may lessen any impacts.

## Section B – Changes to Earnings

### Rounding and Topcoding of the Usual Weekly Earnings Data

Provided below are the rounding algorithms that were introduced for the implementation of rounding for the CPS ASEC files. Table 1 is the rounding rules for the following hourly earning variables: A_HRLYWK and A_HRSPAY. Table 2 is the rounding for the weekly earnings variable, A_GRSWK (two implied decimals).

**Table 1: Hourly Earning Rounding**

| Usual Hourly Earning as Reported with implied decimals | Rounded value on Public Use File with implied decimals |
|---|---|
| 1-7 | Set to 5 ($.05) |
| 8-2999 | Round to nearest 5 ($.05) |
| 3000-4999 | Round to nearest 25 ($.25) |
| 5000+ | Round to nearest 50 ($.50) |

**Table 2: Weekly Earning Rounding**

| Usual Weekly Earning with implied decimals | Rounded value on Public Use File with implied decimals |
|---|---|
| 0 | $0 |
| 001 – 700 | 400 ($4) |
| 701 – 119900 | Nearest 200 ($2) |
| 119901 – 199900 | Nearest 1000 ($10) |
| 200000+ | Nearest 2000 ($20) |

Hourly Rounding Examples

For example, a value of $4.31/hour rounds down to a value of $4.30. A value of $4.78/hour rounds up to a value of $4.80.

A value of $8.22/hour rounds down to $8.20, while a value of $8.28/hour rounds up to $8.30.

A value of $32.07/hour rounds down to $32.00 while a value of $32.64/hour rounds up to $32.75.

Weekly Rounding Examples

For example, a value of $217/week rounds up $218, while a value of $228.34/week rounds down to $228.00.

A value of $3,622.50/week rounds down to $3,620.00, while a value $3,653.00/week rounds up to $3,660.00.

The Census Bureau has introduced a dynamic topcode, implemented monthly, with topcoding applied to the top 3 percent of hourly earnings reported. This method results in fewer cases being topcoded compared to the previous method which applied topcoding based on the individual's usual hours worked variable. For individuals whose earnings are topcoded, the earnings variable contains the weighted average of the top 3% and not a cutoff value as has been done in past years. A_HRLYWK and A_HRSPAY are the hourly reporting variables. Below is an example of this process using fictional data.

| Hourly Wages | Cumulative Percent | Topcoding (Weighted Average of Top 3%) |
|---|---|---|
| | | |
| 2 | 0.15 | 2 |
| 2.15 | 0.26 | 2.15 |
| 3.50 | 0.90 | 3.50 |
| . | . | . |
| . | . | . |
| . | . | . |
| 46.5 | 96.90 | 46.5 |
| 47 | 96.93 | 47 |
| 49.5 | 97.06 | 64.20 |
| 50 | 97.46 | 64.20 |
| 51 | 97.55 | 64.20 |
| . | | . |
| . | | . |
| . | | . |
| 65 | 99.40 | 64.20 |

| | | |
|---|---|---|
| 68 | 99.45 | 64.20 |
| 70 | 99.60 | 64.20 |
| 75 | 99.75 | 64.20 |
| 85 | 99.80 | 64.20 |
| 90 | 100.00 | 64.20 |

Furthermore, values not topcoded as above, will be rounded based on the criteria below.

| Usual Hourly Earning as Reported | Rounded value on Public Use File |
|---|---|
| $00.01 - $00.07 | $00.05 |
| $00.08 - $29.99 | Nearest $00.05 |
| $30.00 - $49.99 | Nearest $00.25 |
| $50.00 + | Nearest $00.50 until topcoded |

For questions on technical issues involving these revisions, contact the CPS staff at: 301-763-3806 or email at DSD.CPS@census.gov

CONTINUATION OF TOPCODING FOR INCOME AND RELATED VARIABLES

The 2024 ASEC public use data file continues the longstanding technique of swappping values between sample cases having incomes above a determined topcode value. This technique 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 | $72,000 |
| CAP_VAL | $90,000 |
| CHSP_VAL | $24,000 |
| CSP_VAL | $28,800 |
| DIS_VAL1 | $57,600 |
| DIS_VAL2 | $0 |
| DIV_VAL | $32,045 |
| DST_VAL1 | $125,000 |
| DST_VAL2 | $125,000 |
| DST_VAL1_YNG | $90,000 |
| DST_VAL2_YNG | $90,000 |
| ED_VAL | $50,000 |
| ERN_VAL | $458,000 |
| FIN_VAL | $50,000 |
| FRM_VAL | $61,000 |
| TRDINT_VAL | $25,512 |
| RINT_VAL1 | $50,000 |
| RINT_VAL2 | $50,000 |
| OI_VAL | $60,000 |
| RNT_VAL | $100,000 |
| SE_VAL | $130,000 |
| SUR_VAL1 | $100,000 |
| SUR_VAL2 | $0 |
| PEN_VAL1 | $96,000 |
| PEN_VAL2 | $96,000 |
| WS_VAL | $90,000 |

**Threshold Amounts for SPM Fields**

| Income Source | Swap Threshold[1] |
|---|---|
| PHIP_VAL | $17,000 |
| PEMCPREM | $5,450 |
| PHIP_VAL2 | $18,000 |
| PMED_VAL | $12,000 |
| POTC_VAL | $2,500 |

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

# APPENDIX A

## INDUSTRY CLASSIFICATION

### Industry Classification Codes for Detailed Industry (4 digit)
### (Starting January 2020)

These categories are aggregated into 52 detailed groups for Basic CPS, 23 detailed groups for ASEC, and 14 major groups used for both Basic CPS and ASEC (see pages 10-13 of this attachment).

| Differences in Basic CPS and ASEC for Industry Recodes | | | |
|---|---|---|---|
| | Range | Basic CPS | ASEC |
| Detailed Industry Recode | (-1:52) | A_DTIND | N/A |
| Detailed Industry Recode | (0:23) | N/A | WEIND |
| Major Industry Recodes* | (0:14) | A_MJIND | WEMIND |
| *WEMIND includes a value of 15 for 'Never worked' and A_MJIND uses -1 for Not in Universe instead of 0. | | | |

These codes correspond to items PEIOIND and INDUSTRY. See Appendix G of this document for ascii file locations. The codes in the right hand column are the NAICS equivalent. The Census industry codes and NAICS codes are based on the 2017 North American Industry Classification System.

| 2017 CENSUS CODE | DESCRIPTION | 2017 NAICS CODE |
|---|---|---|
| | **Agriculture, Forestry, Fishing, and Hunting** | |
| 0170 | Crop production | 111 |
| 0180 | Animal production and aquaculture | 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, Quarrying, and Oil and Gas Extraction** | |
| 0370 | Oil and gas extraction | 211 |
| 0380 | Coal mining | 2121 |
| 0390 | Metal ore mining | 2122 |
| 0470 | Nonmetallic mineral mining and quarrying | 2123 |
| 0490 | Support activities for mining | 213 |
| | **Utilities** | |

| CENSUS CODE | DESCRIPTION | NAICS CODE |
|---|---|---|
| 0570 | Electric power generation, transmission and distribution | 2211 |
| 0580 | Natural gas distribution | 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 |
| | **Construction** | |
| 0770 | Construction<br>(Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction) | 23 |
| | **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 and tortilla manufacturing, except retail bakeries | 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 fabric mills, and apparel knitting mills | 31324, 3151 |
| 1691 | Cut and sew, and apparel accessories and other apparel manufacturing | 3152, 3159 |
| 1770 | Footwear manufacturing | 3162 |
| 1790 | Leather and hide tanning and finishing, and other leather and allied product 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 | 3255 |
| 2280 | Soap, cleaning compound, and cosmetics manufacturing | 3256 |

| CENSUS CODE | DESCRIPTION | NAICS CODE |
|---|---|---|
| 2290 | Industrial and miscellaneous chemicals | 3251, 3259 |
| 2370 | Plastics product manufacturing | 3261 |
| 2380 | Tire manufacturing | 32621 |
| 2390 | Rubber products, except tires, manufacturing | 32622, 32629 |
| 2470 | Pottery, ceramics, and plumbing fixture manufacturing | 32711 |
| 2480 | Clay building material and refractories manufacturing | 327120 |
| 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 boiler, 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, 332993, 332994, 332996 |
| 2980 | Miscellaneous fabricated metal products manufacturing | 3325, 3326, 3329 exc. 332992, 332993, 332994, 332996 |
| 2990 | Not specified metal industries | Part of 331 and 332 |
| 3070 | Agricultural implement manufacturing | 33311 |
| 3080 | Construction, and mining and oil and gas field machinery manufacturing | 33312, 33313 |
| 3095 | Commercial and service industry machinery manufacturing | 3333 |
| 3170 | Metalworking machinery manufacturing | 3335 |
| 3180 | Engine, turbine, 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 | Electric lighting and electrical equipment manufacturing, and other electrical component manufacturing, n.e.c. | 3351, 3353, 3359 |
| 3570 | Motor vehicles and motor vehicle equipment manufacturing | 3361, 3362, 3363 |
| 3580 | Aircraft and parts manufacturing | 336411, 336412, 336413 |
| 3590 | Aerospace products and parts manufacturing | 336414, 336415, 336419 |
| 3670 | Railroad rolling stock manufacturing | 3365 |
| 3680 | Ship and boat building | 3366 |
| 3690 | Other transportation equipment manufacturing | 3369 |

| CENSUS CODE | DESCRIPTION | NAICS CODE |
|---|---|---|
| 3770 | Sawmills and wood preservation | 3211 |
| 3780 | Veneer, plywood, and engineered wood products | 3212 |
| 3790 | Prefabricated wood buildings and mobile homes manufacturing | 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 | Sporting and athletic goods, and doll, toy and game 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** | |
| 4070 | Motor vehicle and motor vehicle 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, and 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 |
| 4370 | Paper and paper products merchant wholesalers | 4241 |
| 4380 | Drugs, sundries, and chemical and allied products merchant wholesalers | 4242, 4246 |
| 4390 | Apparel, piece goods, and notions merchant wholesalers | 4243 |
| 4470 | Grocery and related product merchant wholesalers | 4244 |
| 4480 | Farm product raw material 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 and agents and brokers | 4251 |
| 4590 | Not specified wholesale trade | Part of 42 |

| CENSUS CODE | DESCRIPTION | NAICS CODE |
|---|---|---|
| | **Retail Trade** | |
| 4670 | Automobile dealers | 4411 |
| 4680 | Other motor vehicle dealers | 4412 |
| 4690 | Auto parts, accessories, and tire stores | 4413 |
| 4770 | Furniture and home furnishings stores | 442 |
| 4780 | Household appliance stores | 443141 |
| 4795 | Electronics stores | 443142 |
| 4870 | Building material and supplies dealers | 4441 exc. 44413 |
| 4880 | Hardware stores | 44413 |
| 4890 | Lawn and garden equipment and supplies stores | 4442 |
| 4971 | Supermarkets and Other Grocery (except Convenience) Stores | 44511 |
| 4972 | Convenience Stores | 44512 |
| 4980 | Specialty food stores | 4452 |
| 4990 | Beer, wine, and liquor stores | 4453 |
| 5070 | Pharmacies and drug stores | 44611 |
| 5080 | Health and personal care, except drug, stores | 446 exc.44611 |
| 5090 | Gasoline stations | 447 |
| 5170 | Clothing stores | 4481 |
| 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 | 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 | 454310 |
| 5690 | Other direct selling establishments | 45439 |
| 5790 | Not specified retail trade | Part of 44, 45 |
| | **Transportation and Warehousing** | |
| 6070 | Air transportation | 481 |
| 6080 | Rail transportation | 482 |
| 6090 | Water transportation | 483 |
| 6170 | Truck transportation | 484 |
| 6180 | Bus service and urban transit | 4851, 4852, 4854, 4855, 4859 |
| 6190 | Taxi and limousine service | 4853 |
| 6270 | Pipeline transportation | 486 |
| 6280 | Scenic and sightseeing transportation | 487 |

| CENSUS CODE | DESCRIPTION | NAICS CODE |
|---|---|---|
| 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 | Periodical, book, and directory publishers | 5111 exc. 51111 |
| 6490 | Software publishing | 5112 |
| 6570 | Motion pictures and video industries | 5121 |
| 6590 | Sound recording industries | 5122 |
| 6670 | Broadcasting (except internet) | 515 |
| 6672 | Internet publishing and broadcasting and web search portals | 51913 |
| 6680 | Wired telecommunications carriers | 517311 |
| 6690 | Telecommunications, except wired telecommunications carriers | 517 exc. 517311 |
| 6695 | Data processing, hosting, and related services | 5182 |
| 6770 | Libraries and archives | 51912 |
| 6780 | Other information services, except libraries and archives, and internet publishing and broadcasting and web search portals | 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 | Nondepository 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, 532284, 532289, 5323 |
| 7190 | Commercial, industrial, and other intangible assets rental and leasing | 5324, 533 |
| ***Professional, Scientific, Management, Administrative, and Waste management services*** | | |
| | **Professional, Scientific, and Technical Services** | |
| 7270 | Legal services | 5411 |
| 7280 | Accounting, tax preparation, bookkeeping, and payroll services | 5412 |
| 7290 | Architectural, engineering, and related services | 5413 |

| CENSUS CODE | DESCRIPTION | NAICS CODE |
|---|---|---|
| 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, public relations, and related services | 5418 |
| 7480 | Veterinary services | 54194 |
| 7490 | Other professional, scientific, and technical services | 5419 exc. |
| | ***Management of companies and enterprises*** | |
| 7570 | Management of companies and enterprises | 55 |
| | ***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 (except cleaning during construction and immediately after construction) | 5617 exc. 56173 |
| 7770 | Landscaping services | 56173 |
| 7780 | Other administrative and other support services | 5611, 5612, 5619 |
| 7790 | Waste management and remediation services | 562 |
| | ***Educational Services, and Health Care and Social Assistance*** | |
| | **Educational Services** | |
| 7860 | Elementary and secondary schools | 6111 |
| 7870 | Colleges, universities, and professional schools, including junior colleges | 6112, 6113 |
| 7880 | Business, technical, and trade schools and training | 6114, 6115 |
| 7890 | Other schools and instruction, and educational support 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 (skilled nursing facilities) | 6231 |
| 8290 | Residential care facilities, except skilled nursing facilities | 6232, 6233, |

| CENSUS CODE | DESCRIPTION | NAICS CODE |
|---|---|---|
| | | 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, and Recreation, and 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, entertainers, and other public figures | 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 boarding houses, 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**

| CENSUS CODE | DESCRIPTION | NAICS CODE |
|---|---|---|
| 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 | 928 |
| | **Military** | |
| 9890 | Military | 928110 |

## Detailed Industry Recodes (01-52)

These codes correspond to item A_DTIND. See Appendix G of this document for the ascii file location.

| CODE | DESCRIPTION | INDUSTRY CODE |
|---|---|---|
| 1 | Agriculture | 0170 - 0180, 0290 |
| 2 | Forestry, logging, fishing, hunting, and trapping | 0190 - 0280 |
| 3 | Mining | 0370 - 0490 |
| 4 | Construction | 0770 |
| 5 | Nonmetallic mineral products | 2470 - 2590 |
| 6 | Primary metals and fabricated metal products | 2670 - 2990 |
| 7 | Machinery manufacturing | 3070 - 3291 |
| 8 | Computer and electronic products | 3365 - 3390 |
| 9 | Electrical equipment, appliance manufacturing | 3470, 3490 |
| 10 | Transportation equipment manufacturing | 3570 - 3690 |
| 11 | Wood products | 3770 - 3875 |
| 12 | Furniture and fixtures manufacturing | 3895 |
| 13 | Miscellaneous and not specified manufacturing | 3960 - 3990 |
| 14 | Food manufacturing | 1070 - 1290 |
| 15 | Beverage and tobacco products | 1370, 1390 |
| 16 | Textile, apparel, and leather manufacturing | 1470 - 1790 |
| 17 | Paper and printing | 1870 - 1990 |
| 18 | Petroleum and coal products | 2070, 2090 |
| 19 | Chemical manufacturing | 2170 - 2290 |
| 20 | Plastics and rubber products | 2370 - 2390 |
| 21 | Wholesale trade | 4070 - 4590 |
| 22 | Retail trade | 4670 - 5790 |
| 23 | Transportation and warehousing | 6070 - 6390 |
| 24 | Utilities | 0570 - 0690 |
| 25 | Publishing industries (except internet) | 6470 - 6490 |
| 26 | Motion picture and sound recording industries | 6570, 6590 |
| 27 | Broadcasting (except internet) | 6670 |
| 28 | Internet publishing and broadcasting | 6675 |
| 29 | Telecommunications | 6680, 6690 |
| 30 | Internet service providers and data processing services | 6692, 6695 |
| 31 | Other information services | 6770, 6780 |
| 32 | Finance | 6870 - 6970 |
| 33 | Insurance | 6990 |
| 34 | Real estate | 7070 |
| 35 | Rental and leasing services | 7080 - 7190 |
| 36 | Professional and technical services | 7270 - 7490 |
| 37 | Management of companies and enterprises | 7570 |
| 38 | Administrative and support services | 7580 - 7780 |
| 39 | Waste management and remediation services | 7790 |
| 40 | Educational services | 7860 - 7890 |
| 41 | Hospitals | 8190 |

| CENSUS CODE | DESCRIPTION | NAICS CODE |
|---|---|---|
| 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 | Military | 9890 |

## Detailed Industry Recodes (01-23)

These codes correspond to item WEIND. See Appendix G of this document for the ascii file location.

| CODE | DESCRIPTION | INDUSTRY CODE |
|---|---|---|
| 1 | Agriculture, forestry, fishing, and hunting | 0170-0290 |
| 2 | Mining, Quarrying, and Oil and Gas Extraction | 0370-0490 |
| 3 | Construction | 0770 |
| 4 | Durable goods manufacturing | 2470-3990 |
| 5 | Nondurable goods manufacturing | 1070-2390 |
| 6 | Wholesale trade | 4070-4590 |
| 7 | Retail trade | 4670-5790 |
| 8 | Transportation and warehousing | 6070-6390 |
| 9 | Utilities | 0570-0690 |
| 10 | Information | 6470-6780 |
| 11 | Finance and insurance | 6870-6992 |
| 12 | Real estate and rental and leasing | 7071-7190 |
| 13 | Professional, scientific, & technical services | 7270-7490 |
| 14 | Management of companies and enterprises, administrative and support, and waste management services | 7570-7790 |
| 15 | Educational services | 7860-7890 |
| 16 | Health care and social assistance | 7970-8470 |
| 17 | Arts, entertainment, and recreation | 8561-8590 |
| 18 | Accommodations and food service | 8660-8690 |
| 19 | Private households | 9290 |
| 20 | Other services, except private households and public administration | 8770-9190 |
| 21 | Public administration | 9370-9590 |
| 22 | Military | 9890 |
| 23 | Never Worked | |

## Major Industry Recodes
## (01-15)

These codes correspond to items A_MJIND and WEMIND. See Appendix G of this document for the ascii file location.

| CODE | DESCRIPTION | INDUSTRY CODE |
|---|---|---|
| 1 | Agriculture, forestry, fishing, and hunting | 0170-0290 |
| 2 | Mining, Quarrying, and Oil and Gas Extraction | 0370-0490 |
| 3 | Construction | 0770 |
| 4 | Manufacturing | 1070-3990 |
| 5 | Wholesale and retail trade | 4070-5790 |
| 6 | Transportation and Warehousing, and Utilities | 6070-6390, 0570-0690 |
| 7 | Information | 6470-6780 |
| 8 | Finance and Insurance, and Real Estate and Rental and Leasing | 6870-7190 |
| 9 | Professional, Scientific, and Management, and Administrative, and Waste Management Services | 7270-7790 |
| 10 | Educational Services, and Health Care and Social Assistance | 7860-8470 |
| 11 | Arts, Entertainment, and Recreation, and Accommodation and Food Services | 8561-8690 |
| 12 | Other Services, Except Public Administration | 8770-9290 |
| 13 | Public administration | 9370-9590 |
| 14 | Military | 9890 |
| 15[1] | Never Worked | |

[1] Only applies to ASEC variable WEMIND

# APPENDIX B

## OCCUPATION CLASSIFICATION

(Beginning January 2020)

These categories are aggregated into 23 detailed groups and 11 major groups (see pages 10-17 and 10-18). The codes in the right hand column are the 2018 SOC equivalent.

These codes correspond to items PTIO1OCD and PTIO2OCD in positions 860-863 and 868-871 of the Basic CPS record layout in all months, **except the ASEC files**. In **ASEC**, these codes correspond to items PEIOOCC and OCCUP of the Persons Record. These codes are also applicable for any other CPS supplements that collect occupation data.

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| | **Management, Business, Science, and Arts Occupations** | |
| | **Management 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 | Architectural and 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 |

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| 0420 | Social and community service managers | 11-9151 |
| 0425 | Emergency management directors | 11-9161 |
| 0440 | Other managers | 11-91XX |
| | **Business and Financial Operations Occupations** | |
| 0500 | Agents and business managers of artists, performers, and athletes | 13-1011 |
| 0510 | Buyers and purchasing agents, 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 | Credit counselors and loan officers | 13-2070 |
| 0930 | Tax examiners and collectors, and revenue agents | 13-2081 |
| 0940 | Tax preparers | 13-2082 |
| 0960 | Other financial specialists | 13-20XX |
| | **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 |

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| 1032 | Web and digital interface designers | 15-1255 |
| 1050 | Computer support specialists | 15-1230 |
| 1065 | Database administrators and architects | 15-124X |
| 1105 | Network and computer systems administrators | 15-1244 |
| 1106 | Computer network architects | 15-1241 |
| 1108 | Computer occupations, all other | 15-1299 |
| 1200 | Actuaries | 15-2011 |
| 1220 | Operations research analysts | 15-2031 |
| 1240 | Other mathematical science occupations | 15-20XX |
| | **Architecture and Engineering Occupations** | |
| 1305 | 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 | Biomedical and agricultural 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 |
| 1520 | Petroleum, mining and geological engineers, including mining safety engineers | 17-21XX |
| 1530 | Other engineers | 17-21XX |
| 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 | Other life scientists | 19-10XX |
| 1700 | Astronomers and physicists | 19-2010 |
| 1710 | Atmospheric and space scientists | 19-2021 |
| 1720 | Chemists and materials scientists | 19-2030 |
| 1745 | Environmental scientists and specialists, including health | 19-2041 |
| 1750 | Geoscientists and hydrologists, except geographers | 19-204X |
| 1760 | Physical scientists, all other | 19-2099 |
| 1800 | Economists | 19-3011 |
| 1821 | Clinical and counseling psychologists | 19-3033 |

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| 1822 | School psychologists | 19-3034 |
| 1825 | Other psychologists | 19-303X |
| 1840 | Urban and regional planners | 19-3051 |
| 1860 | Other social scientists | 19-30XX |
| 1900 | Agricultural and food science technicians | 19-4010 |
| 1910 | Biological technicians | 19-4021 |
| 1920 | Chemical technicians | 19-4031 |
| 1935 | Environmental science and geoscience technicians, and nuclear technicians | 19-40XX |
| 1970 | Other life, physical, and social science technicians | 19-40YY |
| 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, and judges, magistrates and other judicial workers | 23-10XX |
| 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 |
| | **Educational 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 |
| 2350 | Tutors | 25-3041 |
| 2360 | Other teachers and instructors | 25-30XX |

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| 2400 | Archivists, curators, and museum technicians | 25-4010 |
| 2435 | Librarians and media collections specialists | 25-4022 |
| 2440 | Library technicians | 25-4031 |
| 2545 | Teaching assistants | 25-9040 |
| 2555 | Other educational instruction and library workers | 25-90XX |
| | **Arts, Design, Entertainment, Sports, and Media Occupations** | |
| 2600 | Artists and related workers | 27-1010 |
| 2631 | Commercial and industrial designers | 27-1021 |
| 2632 | Fashion designers | 27-1022 |
| 2633 | Floral designers | 27-1023 |
| 2634 | Graphic designers | 27-1024 |
| 2635 | Interior designers | 27-1025 |
| 2636 | Merchandise displayers and window trimmers | 27-1026 |
| 2640 | Other designers | 27-102X |
| 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 | 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 | Other media and communication equipment workers | 27-40XX |
| 2910 | Photographers | 27-4021 |
| 2920 | Television, video, and film camera operators and editors | 27-4030 |
| | **Healthcare Practitioners and Technical Occupations** | |
| 3000 | Chiropractors | 29-1011 |
| 3010 | Dentists | 29-1020 |
| 3030 | Dietitians and nutritionists | 29-1031 |
| 3040 | Optometrists | 29-1041 |
| 3050 | Pharmacists | 29-1051 |
| 3090 | Physicians | 29-1210 |
| 3100 | Surgeons | 29-1240 |

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| 3110 | Physician assistants | 29-1071 |
| 3120 | Podiatrists | 29-1081 |
| 3140 | Audiologists | 29-1181 |
| 3150 | Occupational therapists | 29-1122 |
| 3160 | Physical therapists | 29-1123 |
| 3200 | Radiation therapists | 29-1124 |
| 3210 | Recreational therapists | 29-1125 |
| 3220 | Respiratory therapists | 29-1126 |
| 3230 | Speech-language pathologists | 29-1127 |
| 3245 | Other therapists | 29-112X |
| 3250 | Veterinarians | 29-1131 |
| 3255 | Registered nurses | 29-1141 |
| 3256 | Nurse anesthetists | 29-1151 |
| 3258 | Nurse practitioners, and nurse midwives | 29-11XX |
| 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 | 29-2056 |
| 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 |

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| **Service Occupations** | | |
| | **Healthcare Support Occupations** | |
| 3601 | Home health aides | 31-1121 |
| 3602 | Personal care aides | 31-1122 |
| 3603 | Nursing assistants | 31-1131 |
| 3605 | Orderlies and psychiatric aides | 31-113X |
| 3610 | Occupational therapist assistants and aides | 31-2010 |
| 3620 | Physical therapist assistants and aides | 31-2020 |
| 3630 | Massage therapists | 31-9011 |
| 3640 | Dental assistants | 31-9091 |
| 3645 | Medical assistants | 31-9092 |
| 3646 | Medical transcriptionists | 31-9094 |
| 3647 | Pharmacy aides | 31-9095 |
| 3648 | Veterinary assistants and laboratory animal caretakers | 31-9096 |
| 3649 | Phlebotomists | 31-9097 |
| 3655 | Other healthcare support workers | 31-909X |
| | **Protective Service Occupations** | |
| 3700 | First-line supervisors of correctional officers | 33-1011 |
| 3710 | First-line supervisors of police and detectives | 33-1012 |
| 3720 | First-line supervisors of firefighting and prevention workers | 33-1021 |
| 3725 | Miscellaneous first-line supervisors, protective service workers | 33-1090 |
| 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 | Fish and game wardens and parking enforcement officers | 33-30XX |
| 3870 | Police officers | 33-3050 |
| 3900 | Animal control workers | 33-9011 |
| 3910 | Private detectives and investigators | 33-9021 |
| 3930 | Security guards and gambling 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 |

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| 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 groundskeeping workers | 37-1012 |
| 4220 | Janitors and building cleaners | 31-201X |
| 4230 | Maids and housekeeping cleaners | 37-2012 |
| 4240 | Pest control workers | 37-2021 |
| 4251 | Landscaping and grounds keeping workers | 37-3011 |
| 4252 | Tree trimmers and pruners | 37-3013 |
| 4255 | Other grounds maintenance workers | 37-301X |
| | **Personal Care and Service Occupations** | |
| 4330 | Supervisors of personal care and service workers | 39-1000 |
| 4340 | Animal trainers | 39-2011 |
| 4350 | Animal caretakers | 39-2021 |
| 4400 | Gambling 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 |
| 4525 | Other personal appearance workers | 39-509X |
| 4530 | Baggage porters, bellhops, and concierges | 39-6010 |
| 4540 | Tour and travel guides | 39-7010 |
| 4600 | Childcare workers | 39-9011 |
| 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 |

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| **Sales and Office Occupations** | | |
| | **Sales and Related Occupations** | |
| 4700 | First-line supervisors of retail sales workers | 41-1011 |
| 4710 | First-line supervisors 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, financial services, and travel | 41-3091 |
| 4850 | Sales representatives, wholesale and manufacturing | 41-4010 |
| 4900 | Models, demonstrators, and product promoters | 41-9010 |
| 4920 | Real estate brokers and sales agents | 41-9020 |
| 4930 | Sales engineers | 41-9031 |
| 4940 | Telemarketers | 41-9041 |
| 4950 | Door-to-door sales workers, news and street vendors, and related workers | 41-9091 |
| 4965 | Sales and related workers, all other | 41-9099 |
| | **Office and Administrative Support Occupations** | |
| 5000 | First-line supervisors of office and administrative support workers | 43-1011 |
| 5010 | Switchboard operators, including answering service | 43-2011 |
| 5020 | Telephone operators | 43-2021 |
| 5040 | Communications equipment operators, all other | 43-2099 |
| 5100 | Bill and account collectors | 43-3011 |
| 5110 | Billing and posting clerks | 43-3021 |
| 5120 | Bookkeeping, accounting and auditing clerks | 43-3031 |
| 5140 | Payroll and timekeeping clerks | 43-3051 |
| 5150 | Procurement clerks | 43-3061 |
| 5160 | Tellers | 43-3071 |
| 5165 | Other financial clerks | 43-30XX |
| 5220 | Court, municipal, and license clerks | 43-4031 |
| 5230 | Credit authorizers, checkers, and clerks | 43-4041 |
| 5240 | Customer service representatives | 43-4051 |
| 5250 | Eligibility interviewers, government programs | 43-4061 |
| 5260 | File Clerks | 43-4071 |
| 5300 | Hotel, motel, and resort desk clerks | 43-4081 |
| 5310 | Interviewers, except eligibility and loan | 43-4111 |
| 5320 | Library assistants, clerical | 43-4121 |
| 5330 | Loan interviewers and clerks | 43-4131 |
| 5340 | New accounts clerks | 43-4141 |
| 5350 | Correspondence clerks and order clerks | 43-4XXX |

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| 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 | Other information and record clerks, all other | 43-4YYY |
| 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 |
| 5810 | Data entry keyers | 43-9021 |
| 5820 | Word processors and typists | 43-9022 |
| 5840 | Insurance claims and policy processing clerks | 43-9041 |
| 5850 | Mail clerks and mail machine operators, except postal service | 43-9051 |
| 5860 | Office clerks, general | 43-9061 |
| 5900 | Office machine operators, except computer | 43-9071 |
| 5910 | Proofreaders and copy markers | 43-9081 |
| 5920 | Statistical assistants | 43-9111 |
| 5940 | Other office and administrative support workers | 43-9XXX |

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| **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 |
| 6040 | Graders and sorters, agricultural products | 45-2041 |
| 6050 | Other agricultural workers | 45-20XX |
| 6115 | Fishing and hunting workers | 45-3031 |
| 6120 | Forest and conservation workers | 45-4011 |
| 6130 | Logging workers | 45-4020 |
| | **Construction and Extraction Occupations** | |
| 6200 | First-line supervisors of construction trades and extraction workers | 47-1011 |
| 6210 | Boilermakers | 47-2011 |
| 6220 | Brickmasons, blockmasons, stonemasons, and reinforcing iron and rebar workers | 47-2XXX |
| 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 |
| 6515 | Roofers | 47-2181 |
| 6520 | Sheet metal workers | 47-2211 |
| 6530 | Structural iron and steel workers | 47-2221 |
| 6540 | Solar photovoltaic installers | 47-2231 |
| 6600 | Helpers, construction trades | 47-3010 |
| 6660 | Construction and building inspectors | 47-4011 |
| 6700 | Elevator and escalator 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 | Other construction and related workers | 47-40XX |
| 6800 | Derrick, rotary drill, and service unit operators, and roustabouts, oil and gas | 47-50YY |
| 6825 | Surface mining machine operators and earth drillers | 47-5020 |
| 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 Occuptions** | |
| 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 | Other electrical and electronic equipment mechanics, installers, and repairers | 49-209X |
| 7120 | Audiovisual 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 | 49-90XX |

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| **Production, Transportation, and Material Moving Occupations** | | |
| | **Production Occupation** | |
| 7700 | First-line supervisors of production and operating workers | 51-1011 |
| 7720 | Electrical, electronics, and electromechanical assemblers | 51-2020 |
| 7730 | Engine and other machine assemblers | 51-2031 |
| 7740 | Structural metal fabricators and fitters | 51-2041 |
| 7750 | Other assemblers and fabricators | 51-20XX |
| 7800 | Bakers | 51-3011 |
| 7810 | Butchers and other meat, poultry, and fish processing workers | 51-3020 |
| 7830 | Food and tobacco roasting, baking, and drying machine operators and tenders | 51-3091 |
| 7840 | Food batchmakers | 51-3092 |
| 7850 | Food cooking machine operators and tenders | 51-3093 |
| 7855 | Food processing workers, all other | 51-3099 |
| 7905 | Computer numerically controlled tool operators and programmers | 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 operators, tenders, pourers, and casters | 51-4050 |
| 8100 | Model makers, patternmakers, and molding machine setters, metal and plastic | 51-40XX |
| 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 wastewater treatment plant and system operators | 51-8031 |
| 8630 | Miscellaneous plant and system operators | 51-8090 |

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| 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 | 51-9151 |
| 8850 | Adhesive bonding machine operators and tenders | 51-9191 |
| 8910 | Etchers and engravers | 51-9194 |
| 8920 | Molders, shapers, and casters, except metal and plastic | 51-9195 |
| 8930 | Paper goods machine setters, operators, and tenders | 51-9196 |
| 8940 | Tire builders | 51-9197 |
| 8950 | Helpers--production workers | 51-9198 |
| 8990 | Miscellaneous production workers, including equipment operators and tenders | 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 |
| 9050 | Flight attendants | 53-2031 |
| 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 | 53-40XX |
| 9300 | Sailors and marine oilers, and ship engineers | 53-50XX |
| 9310 | Ship and boat captains and operators | 53-5020 |
| 9350 | Parking attendants | 53-6021 |
| 9365 | Transportation service attendants | 53-6030 |
| 9410 | Transportation inspectors | 53-6051 |
| 9415 | Passenger attendants | 53-6061 |
| 9430 | Other transportation workers | 53-60XX |

| 2018 CENSUS CODE | DESCRIPTION | 2018 SOC CODE |
|---|---|---|
| | **Material Moving Occupations** | |
| 9510 | Crane and tower operators | 53-7021 |
| 9570 | Conveyor, dredge, and hoist and winch operators | 53-70XX |
| 9600 | Industrial truck and tractor operators | 53-7051 |
| 9610 | Cleaners of vehicles and equipment | 53-7061 |
| 9620 | Laborers and freight, stock, and material movers, hand | 53-7062 |
| 9630 | Machine feeders and offbearers | 53-7063 |
| 9640 | Packers and packagers, hand | 53-7064 |
| 9645 | Stockers and order fillers | 53-7065 |
| 9650 | Pumping station operators | 53-7070 |
| 9720 | Refuse and recyclable material collectors | 53-7081 |
| 9760 | Other material moving workers | 53-71XX |
| | **Military Specific Occupations** | |
| 9840 | Military Specific 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 the ASEC files**. In **ASEC**, these codes correspond to Item A_DTOCC.

| CODE | CODE DESCRIPTION | OCCUPATION CODE |
|---|---|---|
| 1 | Management occupations | 0010-0440 |
| 2 | Business and financial operations occupations | 0500-0960 |
| 3 | Computer and mathematical 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 | 2205-2555 |
| 9 | Arts, design, entertainment, sports, and media occupations | 2600-2920 |
| 10 | Healthcare practitioner and technical occupations | 3000-3550 |
| 11 | Healthcare support occupations | 3601-3655 |
| 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 | 4330-4655 |
| 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 | Military specific occupations | 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 the ASEC files**. In **ASEC**, these codes correspond to Item A_MJOCC.

| CODE | CODE DESCRIPTION | OCCUPATION CODE |
|---|---|---|
| 1 | Management, business, and financial occupations | 0010-0960 |
| 2 | Professional and related occupations | 1005-3550 |
| 3 | Service occupations | 3601-4655 |
| 4 | Sales and related occupations | 4700-4965 |
| 5 | Office and administrative support occupations | 5000-5940 |
| 6 | Farming, fishing, and forestry occupations | 6005-6130 |
| 7 | Construction and extraction occupations | 6200-6950 |
| 8 | Installation, maintenance, and repair occupations | 7000-7640 |
| 9 | Production occupations | 7700-8990 |
| 10 | Transportation and material moving occupations | 9005-9760 |
| 11 | Military specific occupations | 9840 |

# APPENDIX C

## Weighted and Unweighted Counts

| Category | Weighted (in 1,000s) | Unweighted |
|---|---|---|
| Total Persons | 337,690 | 142,125 |
| Total Family Reference Persons | 91,039 | 39,611 |
| Total Units | 134,964 | 88,932 |
| Interviewed Units (HHds * GQ) | 134,964 | 55,762 |
| Households (Family and NonFamily Householders) | 134,790 | 55,701 |
| Total Family Records in Households | 157,021 | 64,467 |
| Total Families (HHldr, Related, and Unrelated) | 91,025 | 39,603 |
| Family Householders With No Related Subfamilies | 81,659 | 35,406 |
| Family Householders With 1+ Related Subfamilies | 4,304 | 1,968 |
| Unrelated Subfamily | 421 | 179 |
| Related Subfamily | 4,640 | 2,050 |
| Total Unrelated Individuals | 65,996 | 24,864 |
| Nonfamily Householder | 48,827 | 18,327 |
| Other Persons Living With No Relatives | 17,169 | 6,537 |
| Total Person in Households | 337,492 | 142,051 |
| Civilians 15 Years and Older | 277,148 | 113,898 |
| Civilians Less Than 15 Years Old | 59,382 | 27,677 |
| Armed Forces Members | 962 | 476 |
| Group Quarters | 174 | 61 |
| Total Family Records In Group Quarters | 176 | 62 |
| Total Persons | 198 | 74 |
| Civilians 15 Years and Older | 197 | 72 |
| Civilians Less Than 15 Years Old | 1 | 2 |
| Armed Forces Members | 0 | 0 |
| Noninterviewed Units | 0 | 33,170 |
| Type A | 0 | 22,622 |
| Type B/C | 0 | 10,548 |

# APPENDIX D

## Public Use Benchmarks

### Public Use Benchmarks

Due to confidentiality procedures (refer to Section 4 in the ASEC technical documentation), including additional rounding added to protect respondent privacy in 2023, matching exact published estimates for income, official poverty, and the Supplemental Poverty Measure (SPM) may not be possible. However, published estimates and estimates generated from the public use file should be close in value. Using the restrictions and universes listed below will allow exact matches for the weighted counts of "All people," "All households," or "All families" as listed in the specified tables.

### Income and Earnings:

To match published estimates of "All people" (in PINC01), "All households"(HINC01), and "All families" (FINC01), use the following universes and restrictions:

**CPS ASEC Public Use Income Benchmarks (Income Year 2024)**

Counts in thousands

| Characteristic | Income Table Universe | Weight Used | Total Income Variable | Total (Weighted Count) | Mean Income (Published Dollar Value) | Mean Income (Public Use File Dollar Value) |
|---|---|---|---|---|---|---|
| All people[1] | a_age 15+ | marsupwt | ptotval | 278,307 | $67,080 | $67,065 |
| All families | ftype = 1 (primary family) | fsup_wgt | ftotval | 85,977 | $144,500 | $144,589 |
| All households | hrhtype = 1-8 (excludes group quarters) | hsup_wgt | htotval | 134,790 | $121,000 | $121,016 |

[1] Mean calculation excludes people without income (where PTOTVAL = 0). Total with income = 246,465.

Source: U.S. Census Bureau, Current Population Survey 2025 Annual Social and Economic Supplement (CPS ASEC)

To match published worker earnings estimates from PINC05 for both sexes 15 years and over, use the following universes and restrictions:

**CPS ASEC Public Use Income Benchmarks (Income Year 2024)**

Counts in thousands

| Characteristic | Income Table Universe | Weight Used | Total Earnings Variable | Total (Weighted Count) | With Earnings | | |
|---|---|---|---|---|---|---|---|
| | | | | | Total (Weighted Count) | Mean Earnings (Published Dollar Value) | Mean Earnings (Public Use File Dollar Value) |
| All people | a_age 15+ | marsupwt | pearnval | 278,307 | 175,793 | $71,930 | $71,888 |
| Full-time, year-round workers[1] | wkswork>49 and hrswk>34 | marsupwt | pearnval | 122,691 | 122,673 | $88,100 | $88,042 |

[1] Full-time, year-round workers are those that worked more than 34 hours per week (HRSWK) for 50 or more weeks a year (WKSWORK).

Source: U.S. Census Bureau, Current Population Survey 2025 Annual Social and Economic Supplement (CPS ASEC)

**Official Poverty:**

Notes:

When merging together the person and family files, exclude observations where ftype = 3 (unrelated subfamilies) to prevent unrelated subfamilies from being double-counted in the estimates.

Unrelated individuals under the age of 15 are excluded from the official poverty universe. Because of this, there are 424,700 fewer children in the poverty universe than in the total civilian, noninstitutionalized population (these children are included in the universe for Supplemental Poverty Measure). Only including observations where pov_univ = 1 removes these children from the estimates and is necessary to replicate the published poverty estimates.

To match published estimates of "All people," "Primary families," "People in primary families," and "Related children under 18 in primary families" use the following universes and restrictions:

**CPS ASEC Public Use Official Poverty Benchmarks**

Counts in thousands

| Characteristic | Poverty Table Universe | Weight Used | Total (Weighted Count) | Poverty Rate (Published Estimates) | Poverty Rate (Public Use Estimates) |
|---|---|---|---|---|---|
| All people | pov_univ = 1 | marsupwt | 337,265 | 10.6 | 10.6 |
| Primary families | pov_univ = 1 and ftype = 1 and hhdrel = 1 | marsupwt | 85,977 | 8.1 | 8.1 |
| People in primary families | pov_univ = 1 and ftype = 1 | marsupwt | 270,522 | 8.6 | 8.6 |
| Related children under 18 in primary families | pov_univ = 1 and ftype = 1 and hhdrel in (3, 4, 6) and a_age lt 18 | marsupwt | 71,740 | 14.0 | 14.0 |

Source: U.S. Census Bureau, Current Population Survey 2025 Annual Social and Economic Supplement (CPS ASEC)

**Supplemental Poverty Measure**

Notes: Unrelated individuals under the age of 15 are included in the SPM universe. These children are given the official poverty status of the household reference person. Therefore, the total count of "All people" will differ from official poverty above.

To match published estimates of "All people," use the following universes and restrictions:

**CPS ASEC Public Use Official Poverty Benchmarks**

Counts in thousands

| Characteristic | SPM Universe | Weight Used | Total (Weighted Count) | Poverty Rate (Published Estimates) | Poverty Rate (Public Use Estimates) |
|---|---|---|---|---|---|
| All People | No restriction | marsupwt | 337,690 | 12.9 | 12.9 |

Source: U.S. Census Bureau, Current Population Survey 2025 Annual Social and Economic Supplement (CPS ASEC)

## Health Insurance Coverage Estimates

To match published estimates of "All people," use the following universes and restrictions:

**CPS ASEC Public Use Health Insurance Coverage Benchmarks**

Counts in thousands, rates in percent

| Characteristic | Universe | Weight Used | Total (Weighted Count) | Uninsured Rate (Published Estimates) | Uninsured Rate (Public Use Estimates) |
|---|---|---|---|---|---|
| All People | cov≠0 | marsupwt | 337,086 | 8.0 | 8.0 |

Source: U.S. Census Bureau, Current Population Survey 2025 Annual Social and Economic Supplement (CPS ASEC)

# APPENDIX E

## 2025 ANNUAL SOCIAL AN ECONOMIC SUPPLEMENT
## CPS FIELD REPRESENTATIVE / CATI INTERVIEWER

## ITEMS BOOKLET

# Table of Contents

# *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, 2024?**

1 Yes
2 No

**HH32d**

**Did any of the following household members live here during the week of November 19, 2024?**

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 2024?**

1 Yes
2 No

**Q29b**

**Did (you/he/she) do any temporary, part-time, or seasonal work even for a few days during 2024?**

- Include any Military Reserves or National Guard work.

1 Yes
2 No

**Q30**

**Even though (name/you) did not work in 2024, 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 2024?**

- 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 2024 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 2024 because (you/he/she) (were/was) on layoff from a job or lost a job?**

- Number of weeks worked in 2024: (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 2024?**

- Read list only if respondent is having difficulty answering the question

| | | | |
|---|---|---|---|
| 1 | Ill, or disabled and unable to work | 4 | Retired |
| 2 | Taking care of home or family | 5 | No work available |
| 3 | Going to school | 6 | Other (Specify - Q38sp) |

# Appendix E

**Q38sp**

- Enter verbatim response

_____

**Q39**

**For how many employers did (name/you) work in 2024?**
**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 2024, 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 2024?**

- Number of weeks worked in 2024: (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 2024?**

**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 2024?))**

• 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 2024)

_____

**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
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 2024?**

- 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 2024?**

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 2024?**

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 2024?**

- (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 2024 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 2024 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 2024?**

1 Yes
2 No

**Q48aad**

**How much did (name/you) earn in tips, bonuses, overtime pay, or commissions from this employer in 2024?**

- 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 2024?**

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 2024?**

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 2024?**

- If response is "Broke Even" then enter 1
- If 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 2024
- 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 2024?**

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 2024?**

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 2024?**

- 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 2024?**

- 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 2024?**

- 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 2024.

_____

**Q48b4**

**What were (name's/your) net earnings from this business/farm during the SECOND quarter of 2024?**

- 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 2024.

_____

**Q48b5**

**What were (name's/your) net earnings from this business/farm during the THIRD quarter of 2024?**

- 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 2024.

_____

**Q48b6**

**What were (name's/your) net earnings from this business/farm during the FOURTH**

**quarter of 2024?**

- 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 2024.

_____

**Q48b7**

**Does this amount include all tips, bonuses, overtime pay, or commissions (name/you) may have received from this business in 2024?**

1 Yes
2 No

**Q48bad**

**How much did (name/you) earn in tips, bonuses, overtime pay, or commissions in 2024?**

- 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 2024?**

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 2024?**

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 2024?**

1 Yes
2 No

**Q49b1d**

**How much did (name/you) earn from all other employers before taxes and other deductions during 2024?**

- 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 2024?**

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 2024?**

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 2024?**

- (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 2024. 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 2024?**

- 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 2024?**

1 Yes
2 No

**Q49B1A**

**How much did (name/you) earn in tips, bonuses, overtime pay, or commissions from all other employers in 2024?**

- 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 2024?**

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 2024?**

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 | | | | |
| 22 | Energy Assistance | | | | |

## *4.1 UNEMPLOYMENT AND WORKERS COMPENSATION (Source)*

**Q51A1**

**At any time during 2024 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 2024 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 2024 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 2024 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 2024 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 2024?**

- 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 2024?**

- 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 2024?**

- 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 2024?**

1 Yes
2 No

## *4.3 SOCIAL SECURITY FOR CHILDREN (Source)*

**Q56f**

**Did anyone in this household receive any Social Security income in 2024 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 2024?**

- 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 2024?**

- 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 2024 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 2024?**

- 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 2024 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 2024?**

- 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 2024?**

- 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 2024 (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 2024 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 2024 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 2024 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 2024, 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 2024, 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 2024, 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 2024, 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 2024?**

- 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 2024 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 person's 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 2024 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 2024 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 2024 (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 2024 outside of the retirement accounts.**

**At any time during 2024, 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 any time during 2024, 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 any time during 2024, 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 any time during 2024, 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 any time during 2024, 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 any time during 2024, 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 any time during 2024, 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 2024?**

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 2024 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 any time during 2024 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 any time during 2024 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 2024 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 2024?**

- 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 2024 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 2024 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 2024.**

## *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 2024?**

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 2024?**

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 2024?**

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 2024 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 2024?**

(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 2024. 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 2024?**

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 2024?**

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 2024?**

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 2024?**

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 2024 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 2024?**

(1-12/1-24/1-26/1-52)

_____

**Q51A23**

**According to my calculations (name/you) received (total) altogether from Supplemental Unemployment Benefits during 2024. 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 2024?**

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 2024?**

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 2024?**

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 2024?**

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 2024 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 2024?**

(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 2024. 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 2024?**

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 2024?**

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 2024?**

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 2024?**

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 2024 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 2024?**

(1-12/1-24/1-26/1-52)
_____

**Q52c3**

**Then (name/you) received (total) altogether from Worker's Compensation during 2024. 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 2024?**

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 2024?**

- 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 2024?**

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 2024?**

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 2024?**

(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 2024 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 2024. 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 2024?**

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 2024?**

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 2024?**

(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 2024?**

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 2024?**

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 2024 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

**BACKPAY1**

**During 2024, 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 2024. 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 2024?**

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 2024?**

• 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 2024?**

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 2024?**

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 2024?**

- (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 2024 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 2024. 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 2024?**

- 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 2024?**

- 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 2024?**

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 2024?**

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 2024?**

- (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 2024 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 2024. 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 2024?**

- 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 2024?**

- 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 2024?**

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 2024?**

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 2024?**

- (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 2024 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 2024.**
**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 2024?**

- 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 2024?**

- 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 2024?**

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 2024?**

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 2024?**

- 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 2024 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 2024. 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 2024?**

- 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 2024?**

• 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 2024?**

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 2024?**

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 2024?**

- 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 2024 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 2024. 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 2024?**

- 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 2024?**

• 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 2024?**

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 2024?**

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 2024?**

- (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 2024 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) received $(total) altogether from (fill from first answer in Q60c8) in 2024. 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 2024?**

- 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 2024?**

* 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 2024?**

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 2024?**

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 2024?**

* (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 2024 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 2024. 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 2024?**

- 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 2024?**

• 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 2024?**

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 2024?**

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 2024?**

• (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 2024 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 2024. 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 2024?**

- 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 2024?**

- 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 2024?**

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 2024?**

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 2024?**

- (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 2024 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 2024.**

**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 2024?**

- 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 2024?**

- 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 2024?**

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 2024?**

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 2024?**

- (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 2024 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 2024. 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 2024?**

• 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 2024, 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 2024?**

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 2024?**

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 2024?**

- (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 2024 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 2024. 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 2024?**

- 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 2024?**

- Enter dollar amount

_____

**Q90rn1**

**Could you tell me if the value of food assistance received in 2024 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 2024?**

1 Less than $100
2 Between $100 and $500
3 Over $500

**Q902**

**How many months was food assistance received in 2024?**

- (1-12)

_____

**Q90C2**

- Do not read to the respondent.
- The annual rate appears out of range. The total food assistance payments received in 2024 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 2024. Does that sound about right?**

1 Yes
2 No

**Q904**

**What is your best estimate of the correct amount of food assistance received during 2024?**

- 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 2024?**

- 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 2024?**

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 2024?**

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 2024?**

- 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 2024 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 2024. 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 2024?**

- 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 2024?**

- 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 2024?**

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 2024?**

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 2024?**

- 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 2024 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 2024. 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 2024?**

- 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 2024?**

• 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 2024?**

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 2024?**

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 2024?**

• (1-12; 1-52)
_____

**ANNNEW4**

**According to my calculations (name/you) received $(total) dollars altogether from annuities in 2024. 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 2024?**

• 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 2024: 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 2024?**

- Enter dollar amount

_____

**DISTNEW3**

**How many (monthly/quarterly) withdrawals did (name/you) make or distributions did (name/you) receive in 2024 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 2024?**

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 2024?**

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 2024. 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 2024?**

- 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 2024?**

- 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 2024: 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 2024?**

- Enter dollar amount

_____

**DISTNEW8**

**How many (monthly/quarterly) withdrawals did (name/you) make or distributions did (name/you) receive in 2024 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 2024?**

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 2024?**

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 2024. 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 2024?**

• 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 2024?**

- 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 2024? 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 2024?**

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 2024?**

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 2024?**

• 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 2024? 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 2024?**

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 2024?**

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 2024, 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 2024?**

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 2024?**

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 2024?**

• 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 2024 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 2024. 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 2024?**

- 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 2024?**

- 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 2024?**

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 2024?**

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 AFTER EXPENSES during 2024?**

- 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 2024.

_____

**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 AFTER EXPENSES during 2024?**

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 AFTER EXPENSES during 2024?**

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 AFTER EXPENSES in 2024?**

- 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 2024. 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 AFTER EXPENSES in 2024?**

- 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 2024?**

- 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 2024?**

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 2024?**

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 2024: weekly, every other week, twice a month, monthly, or yearly?**

1 Weekly
2 Every other week (bi-weekly)
3 Twice a month
4 Monthly
7Yearly

**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 2024?**

• Enter dollar amount
_____

**Q66H2**

**How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive in educational assistance in 2024?**

- (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 2024?**

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 2024?**

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 2024 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 2024. 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 2024?**

- 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
7Yearly

**Q70c**

**How much did (name/you) receive (weekly/ every other week/ twice a month/ monthly) in child support payments in 2024?**

- Enter dollar amount

_____

**Q70c2**

**How many (weekly/every other week/ twice a month/ monthly) child support payments did (name/you) receive in 2024?**

- (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 2024?**

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 2024?**

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 2024 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 2024. 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 2024?**

- 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 2024?**

- Enter dollar amount

_____

**Q72c2**

**How many (weekly/every other week/twice a month/monthly) payments did (name/you) receive in regular financial assistance in 2024?**

- (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 2024?**

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 2024?**

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 2024 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 2024. 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 2024?**

- 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 2024?**

- 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 2024?**

- (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 2024 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 2024.**

**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 2024?**

- 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 2024?**

- 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, 2024 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, 2024?**

- 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 2024
2 2025

**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 2024 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 2025?**

1 January 2025
2 February 2025
3 March 2025
4 April 2025
20 All months of 2025

21 No months of 2025

**ANYLAST**

**Which months (was/were) (name/you) covered by (plan type) LAST year -- in 2024?**

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 2024 until December 2024
21 No months from January 2024 until December 2024

**WMNTHS**

**Which months between January 2024 and now (was/were) (name/you) covered by (plan type)?**

1 January 2024
2 February 2024
3 March 2024
4 April 2024
5 May 2024
6 June 2024
7 July 2024
8 August 2024
9 September 2024
10 October 2024
11 November 2024
12 December 2024
13 January 2025
14 February 2025
15 March 2025
16 April 2025
20 All months from January 2024 until now
21 No months from January 2024 until now

## *6.5 OTHER HOUSEHOLD MEMBERS*

**OTHMEMB**

**Between January 1, 2024 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 2024 until now?**

- This question refers to (plan type)

1 All also covered from January 2024 until now
2 None covered from January 2024 until now

**MNTHS_P(1-16)M**

**Which months between January 2024 and now was (NAME) covered? [How about (NAME)?]**

- This question refers to (plan type)

1 January 2024
2 February 2024
3 March 2024
4 April 2024
5 May 2024
6 June 2024
7 July 2024
8 August 2024
9 September 2024
10 October 2024

11 November 2024
12 December 2024
13 January 2025
14 February 2025
15 March 2025
16 April 2025
20 All months from January 2024 until now
21 No months from January 2024 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, 2024 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 2024.**

- 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 2024 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 2024 which of the children ages 5 to 18 in this household usually ate a complete lunch offered at school?**

- "Usually" refers to days where school was being held in person, such as during the pre-pandemic period or in areas where schools remained open.
- 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 2024 which of the children in this household received free or reduced priced lunches because they qualified for the Federal School Lunch Program or their school provided free lunches to all students?**

- Probe: Anyone else?
- Enter all that apply, separate using the space bar or a comma.
- Enter 96 for All
- Enter 0 for None

**SEBT**

**During 2024, did you or anyone in this household receive Summer EBT or SUN Bucks?**

1 Yes
2 No

## *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

## *8.3 WOMEN, INFANTS, AND CHILDREN NUTRITION PROGRAM (WIC)*

**SWRWIC**

**At any time during 2024, (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 2024, (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 2024?**

• 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 2024?**

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 2024?**

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**

**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 five years 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 years 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**

**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 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 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 2024?**

- 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 2024: 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 2024?**

(1-52), (1-26), (1-24), (1-12)

_____

**CCTOT**

**Then (you/they) paid $(amount) altogether in child care while (you/they) worked during 2024. Does that sound about right?**

1 Yes
2 No

**CCEST**

**What is your best estimate of the correct amount people in your household paid for child care while they worked in 2024?**

_____

**CC_PROB**

**Did anyone in this household have any problems obtaining child care that prevented them from working more hours in 2024?**

1 Yes
2 No

**CC_PROBFREQ**

**What is the easiest way to report how much time people in your household lost from work in 2024 because of trouble finding child care: hours, days, or weeks?**

1 Hours
2 Days
3 Weeks

**CC_PROBTIME**

**How many (Hours, days, weeks) did people in your household lose in 2024 from work due to challenges with child care arrangements?**
___ (1-999)

**CC_ADAPT**

**In 2024, if child care was closed, unavailable, or unaffordable, or if there was concern for the [child's/children's] safety in care, what actions did the adults in your household take to provide care?**

- Read and select all that apply; separate with commas
- If respondent asks for clarification, read: "This would be something like taking leave, leaving a job entirely, not looking for work, or watching the kids while working."
- Probe as necessary.

1 Took unpaid leave
2 Used vacation, sick days, or other paid leave
3 Cut work hours
4 Quit a job
5 Were fired from a job
6 Did not look for a job
7 Supervised one or more children while working
8 Other (specify)
9 None of the above

**CC_ADAPT_SP**

- Enter verbatim response

## *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 any time during 2024?**

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 2024, 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 2024?**

- 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

## *10.4 Affordable Connectivity Program*

**BBSUB**

**At any time during 2024, did you or anyone in this household receive benefits from the Affordable Connectivity Program or any other program that provided reduced price WIFI, broadband, or other home internet services?**

1 Yes
2 No

**BBSUB_MNTH**

**How many months did (you/anyone in this household) receive these benefits in 2024?**

- (1-12)

## 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)<br>Disability Income (source 2) | PUQ61E1RN1<br>PUQ61E2RN1 | Mid |
| Q60A88 | Veteran's Payments (source 1)<br>Veteran's Payments (source 2) | PUQ60V1RN1<br>PUQ60V2RN1 | Mid |
| Q58A | Survivor Benefits (source 1)<br>Survivor Benefits (source 2)<br>Survivor Benefits (source 3) | PUQ58E1RN1<br>PUQ58E2RN1<br>PUQ58E3RN1 | Mid |
| Q59A88, Q59A89 | Public Assistance/ TANF | PUQ59ERN1 | Low |
| Q87R, Q87AR | Food Assistance/ SNAP | HUQ90RN1 | Low |
| Q62AR | Pensions (source 1)<br>Pensions (source 2) | PUQ62E1RN1<br>PUQ62E2RN1 | Mid |
| Q96AR | Annuities | PUANNEWRN1 | Mid |
| Q98Ar | Retirement Withdrawals/Distributions (source 1)<br>Retirement Withdrawals/Distributions (source 2) | PUDSTNEWR1<br>PUDSTNEWR3 | Mid |
| Q97Cr | Retirement Interest (source 1)<br>Retirement Interest (source 2) | PURETNEWRN1<br>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 |

| Source Screen | Income Source | Range Screen | Range Level |
|---|---|---|---|
| Q99ARg | Any Other Interest | PUQ63i1b | Low |
| CAPGDIS | Nonretirement Interest | PUCAPGDAMTRN 1 | Mid |
| Q65A1, Q65A2, Q65A3 | Property Income | PUQ65CRN1 | Mid |
| Q66B | Pell Grant<br>Other Education Assistance | PUQ69FRN1<br>PUQ66HRN1 | Low |
| Q70A | Child Support | PUQ70C1RN1 | Mid |
| Q72A | Regular Financial Assistance | PUQ72CRN1 | Low |
| Q73A1 | Other Money Income | PUQ73RN1 | Low |
| Q93 | Energy Assistance | HUQ94RN1 | Low |

# APPENDIX F

## 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.

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

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 | (00000000:99999999) |
| 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 | (-999999:9999999) |
| 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 | (-999999:9999999) |
| HSS_YN | 1 | 263 | (0:2) |
| HSSI_YN | 1 | 264 | (0:2) |

| | | | |
|---|---|---|---|
| HSSIVAL | 6 | 265 | (0:999999) |
| 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 | (0:9999999) |
| HBBSUB_MNTH | 2 | 308 | (0:12) |
| HBBSUB_YN | 1 | 310 | (0:2) |
| HENGAST | 1 | 311 | (0:2) |
| HENGVAL | 5 | 312 | (0:10000) |
| HFDVAL | 5 | 317 | (0:30000) |
| HFLUNCH | 1 | 322 | (0:2) |
| HFLUNNO | 1 | 323 | (0:9) |
| HFOODMO | 2 | 324 | (0:12) |
| HFOODNO | 1 | 326 | (0:9) |
| HFOODSP | 1 | 327 | (0:2) |
| HHOTLUN | 1 | 328 | (0:2) |
| HHOTNO | 1 | 329 | (0:9) |
| HLORENT | 1 | 330 | (0:2) |
| HESEBT_YN | 1 | 331 | (0:2) |
| HPUBLIC | 1 | 332 | (0:2) |
| HRNUMWIC | 2 | 333 | (0:16) |
| HRWICYN | 1 | 335 | (0:2) |
| HCHCARE_VAL | 6 | 336 | (-1:999999) |
| HCHCARE_YN | 1 | 342 | (0:2) |
| HPRES_MORT | 1 | 343 | (0:2) |
| HPROP_VAL | 8 | 344 | (-1:9999999) |
| I_CHCAREVAL | 1 | 352 | (0:1) |
| I_HBBSUBMNTH | 1 | 353 | (0:1) |
| I_HBBSUBYN | 1 | 354 | (0:1) |
| I_HENGAS | 1 | 355 | (0:1) |
| I_HENGVA | 1 | 356 | (0:2) |
| I_HFDVAL | 1 | 357 | (0:2) |
| I_HFLUNC | 1 | 358 | (0:1) |
| I_HFLUNN | 1 | 359 | (0:1) |
| I_HFOODM | 1 | 360 | (0:2) |
| I_HFOODN | 1 | 361 | (0:1) |
| I_HFOODS | 1 | 362 | (0:1) |
| I_HHOTLU | 1 | 363 | (0:1) |
| I_HHOTNO | 1 | 364 | (0:1) |
| I_HLOREN | 1 | 365 | (0:1) |
| HXSEBTYN | 1 | 366 | (0:1) |

| | | | |
|---|---|---|---|
| I_HPUBLI | 1 | 367 | (0:1) |
| I_PROPVAL | 1 | 368 | (0:4) |
| THCHCARE_VAL | 1 | 369 | (0:1) |
| THPROP_VAL | 1 | 370 | (0:1) |
| HCOV | 1 | 371 | (1:3) |
| NOW_HCOV | 1 | 372 | (1:3) |
| HPUB | 1 | 373 | (1:3) |
| NOW_HPUB | 1 | 374 | (1:3) |
| HPRIV | 1 | 375 | (1:3) |
| NOW_HPRIV | 1 | 376 | (1:3) |
| HMCAID | 1 | 377 | (1:3) |
| NOW_HMCAID | 1 | 378 | (1:3) |
| HH_HI_UNIV | 1 | 379 | (1:3) |
| HECC_ADAPT1 | 1 | 380 | (0:9) |
| HECC_ADAPT2 | 1 | 381 | (0:9) |
| HECC_ADAPT3 | 1 | 382 | (0:9) |
| HECC_ADAPT4 | 1 | 383 | (0:9) |
| HECC_ADAPT5 | 1 | 384 | (0:9) |
| HECC_ADAPT6 | 1 | 385 | (0:9) |
| HECC_ADAPT7 | 1 | 386 | (0:9) |
| HECC_ADAPT8 | 1 | 387 | (0:9) |
| HECC_ADAPT9 | 1 | 388 | (0:9) |
| HECC_PROB | 1 | 389 | (0:2) |
| HECC_PROBFREQ | 1 | 391 | (0:3) |
| HECC_PROBTIME | 3 | 392 | (0:999) |
| HXCC_ADAPT | 1 | 395 | (0:1) |
| HXCC_PROB | 1 | 396 | (0:1) |
| HXCC_PROBFREQ | 1 | 397 | (0:1) |
| HXCC_PROBTIME | 1 | 398 | (0:1) |
| HUNDER14 | 2 | 399 | (0:16) |

## 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 | (00000000:99999999) |
| 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 | (-1:99999) |
| 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 | (41:56) |
| 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 | (0000000:99999999) |
| 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 | (0:26) |
| 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 | 156 | (0:4) |
| AXENRLW | 1 | 157 | (0:4) |
| AXFTPT | 1 | 158 | (0:4) |
| AXHGA | 1 | 159 | (0:4) |
| AXHSCOL | 1 | 160 | (0:4) |
| AXSEX | 1 | 161 | (0:4) |
| PXAFEVER | 2 | 162 | (0:53) |
| PXAFWHN1 | 2 | 164 | (-1:53) |
| PXCERT1 | 2 | 166 | (0:53) |
| PXCERT2 | 2 | 168 | (0:53) |
| PXCERT3 | 2 | 170 | (0:53) |
| PXCOHAB | 2 | 172 | (-1:53) |
| PXDISDRS | 2 | 174 | (-1:53) |
| PXDISEAR | 2 | 176 | (-1:53) |
| PXDISEYE | 2 | 178 | (-1:53) |
| PXDISOUT | 2 | 180 | (-1:53) |
| PXDISPHY | 2 | 182 | (-1:53) |
| PXDISREM | 2 | 184 | (-1:53) |
| PXFNTVTY | 2 | 186 | (0:53) |
| PXHSPNON | 2 | 188 | (0:53) |
| PXINUSYR | 2 | 190 | (0:53) |
| PXMARITL | 2 | 192 | (-4:53) |
| PXMNTVTY | 2 | 194 | (0:53) |
| PXNATVTY | 2 | 196 | (0:53) |
| PXPAR1 | 2 | 198 | (-1:53) |
| PXPAR1TYP | 2 | 200 | (-1:53) |
| PXPAR2 | 2 | 202 | (-1:53) |
| PXPAR2TYP | 2 | 204 | (-1:53) |
| PXRACE1 | 2 | 206 | (0:53) |
| PXRRP | 2 | 208 | (-4:53) |
| A_HRS1 | 2 | 210 | (-1:99) |
| A_MJIND | 2 | 212 | (-1:14) |
| A_MJOCC | 2 | 214 | (-1:11) |
| PEABSRSN | 2 | 216 | (0:14) |
| PEIO1COW | 2 | 218 | (-4:11) |
| PEIOIND | 4 | 220 | (0:9999) |

| | | | |
|---|---|---|---|
| PEIOOCC | 4 | 224 | (-1:9999) |
| PRDISC | 1 | 228 | (0:3) |
| PRUNTYPE | 1 | 229 | (0:6) |
| A_GRSWK | 4 | 230 | (0:2885) |
| A_HERNTF | 1 | 234 | (0:1) |
| A_HRLYWK | 1 | 235 | (0:2) |
| A_HRSPAY | 4 | 236 | (0:9999) |
| PRERELG | 1 | 240 | (0:1) |
| PRWERNAL | 1 | 241 | (0:1) |
| A_CIVLF | 1 | 242 | (0:1) |
| A_CLSWKR | 1 | 243 | (0:8) |
| A_DTIND | 2 | 244 | (0:52) |
| A_DTOCC | 2 | 246 | (0:23) |
| A_EXPLF | 1 | 248 | (0:2) |
| A_FTLF | 1 | 249 | (0:1) |
| A_LFSR | 1 | 250 | (0:7) |
| A_NLFLJ | 1 | 251 | (-1:7) |
| A_PAYABS | 1 | 252 | (0:3) |
| A_UNCOV | 1 | 253 | (0:2) |
| A_UNMEM | 1 | 254 | (0:2) |
| A_UNTYPE | 1 | 255 | (0:5) |
| A_USLFT | 1 | 256 | (0:2) |
| A_USLHRS | 2 | 257 | (-4:99) |
| A_WANTJB | 1 | 259 | (0:2) |
| A_WERNTF | 1 | 260 | (0:1) |
| A_WHENLJ | 1 | 261 | (0:5) |
| A_WHYABS | 1 | 262 | (0:8) |
| A_WKSCH | 1 | 263 | (0:4) |
| A_WKSLK | 3 | 264 | (0:99) |
| A_WKSTAT | 1 | 267 | (0:7) |
| PEHRUSLT | 3 | 268 | (-4:198) |
| PEMLR | 1 | 271 | (0:7) |
| PRCOW1 | 1 | 272 | (0:6) |
| PRNLFSCH | 1 | 273 | (0:2) |
| PRPTREA | 2 | 274 | (0:23) |
| PRWKSTAT | 2 | 276 | (0:12) |
| PTTLWK | 2 | 278 | (0:2) |
| PTTLWKHR | 2 | 280 | (-1:97) |
| AXCLSWKR | 1 | 282 | (0:4) |
| AXHRLYWK | 1 | 283 | (0:4) |
| AXHRS | 1 | 284 | (0:4) |
| AXLFSR | 1 | 285 | (0:4) |
| AXNLFLJ | 1 | 286 | (0:4) |
| AXPAYABS | 1 | 287 | (0:4) |

| | | | |
|---|---|---|---|
| AXUNCOV | 1 | 288 | (0:4) |
| AXUNMEM | 1 | 289 | (0:4) |
| AXUSLHRS | 1 | 290 | (0:4) |
| AXWHYABS | 1 | 291 | (0:4) |
| PRCITFLG | 2 | 292 | (0:53) |
| PRHERNAL | 1 | 294 | (0:1) |
| PXSPOUSE | 2 | 295 | (-4:53) |
| PXTLWK | 2 | 297 | (0:43) |
| PXTLWKHR | 2 | 299 | (0:43) |
| CLWK | 1 | 301 | (0:5) |
| EARNER | 1 | 302 | (0:2) |
| HRCHECK | 1 | 303 | (0:2) |
| HRSWK | 2 | 304 | (0:99) |
| INDUSTRY | 4 | 306 | (0:9999) |
| LJCW | 1 | 310 | (0:7) |
| LKNONE | 1 | 311 | (0:1) |
| LKSTRCH | 1 | 312 | (0:3) |
| LKWEEKS | 2 | 313 | (0:51) |
| LOSEWKS | 1 | 315 | (0:2) |
| NOEMP | 1 | 316 | (0:6) |
| NWLKWK | 2 | 317 | (0:52) |
| NWLOOK | 1 | 319 | (0:2) |
| OCCUP | 4 | 320 | (0:9999) |
| PHMEMPRS | 1 | 324 | (0:3) |
| POCCU2 | 2 | 325 | (0:53) |
| PTRSN | 1 | 327 | (0:4) |
| PTWEEKS | 2 | 328 | (0:52) |
| PTYN | 1 | 330 | (0:2) |
| PYRSN | 1 | 331 | (0:6) |
| RSNNOTW | 1 | 332 | (0:6) |
| WECLW | 1 | 333 | (0:9) |
| WEIND | 2 | 334 | (0:23) |
| WELKNW | 1 | 336 | (0:7) |
| WEMIND | 2 | 337 | (0:15) |
| WEMOCG | 2 | 339 | (0:24) |
| WEUEMP | 1 | 341 | (0:9) |
| WEWKRS | 1 | 342 | (0:5) |
| WEXP | 2 | 343 | (0:13) |
| WKCHECK | 1 | 345 | (0:3) |
| WKSWORK | 2 | 346 | (0:52) |
| WORKYN | 1 | 348 | (0:2) |
| WRK_CK | 1 | 349 | (0:2) |
| WTEMP | 1 | 350 | (0:2) |
| I_HRCHK | 1 | 351 | (0:9) |

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|---|---|---|---|
| I_HRSWK | 1 | 352 | (0:9) |
| I_INDUS | 1 | 353 | (0:9) |
| I_LJCW | 1 | 354 | (0:9) |
| I_LKSTR | 1 | 355 | (0:9) |
| I_LKWEEK | 1 | 356 | (0:9) |
| I_LOSEWK | 1 | 357 | (0:9) |
| I_NOEMP | 1 | 358 | (0:9) |
| I_NWLKWK | 1 | 359 | (0:9) |
| I_NWLOOK | 1 | 360 | (0:9) |
| I_OCCUP | 1 | 361 | (0:9) |
| I_PHMEMP | 1 | 362 | (0:9) |
| I_PTRSN | 1 | 363 | (0:9) |
| I_PTWKS | 1 | 364 | (0:9) |
| I_PTYN | 1 | 365 | (0:9) |
| I_PYRSN | 1 | 366 | (0:9) |
| I_RSNNOT | 1 | 367 | (0:9) |
| I_WKCHK | 1 | 368 | (0:9) |
| I_WKSWK | 1 | 369 | (0:9) |
| I_WORKYN | 1 | 370 | (0:9) |
| I_WTEMP | 1 | 371 | (0:9) |
| ERN_OTR | 1 | 372 | (0:2) |
| ERN_SRCE | 1 | 373 | (0:4) |
| ERN_VAL | 7 | 374 | (-999999:9999999) |
| ERN_YN | 1 | 381 | (0:2) |
| FRM_VAL | 7 | 382 | (-999999:9999999) |
| FRMOTR | 1 | 389 | (0:2) |
| FRSE_VAL | 7 | 390 | (-9999999:9999999) |
| FRSE_YN | 1 | 397 | (0:2) |
| PEARNVAL | 8 | 398 | (-99999:99999999) |
| SE_VAL | 7 | 406 | (-99999:9999999) |
| SEMP_VAL | 7 | 413 | (-999999:9999999) |
| SEMP_YN | 1 | 420 | (0:2) |
| SEOTR | 1 | 421 | (0:2) |
| WAGEOTR | 1 | 422 | (0:2) |
| WS_VAL | 7 | 423 | (0:9999999) |
| WSAL_VAL | 7 | 430 | (0:9999999) |
| WSAL_YN | 1 | 437 | (0:2) |
| ANN_VAL | 6 | 438 | (-1:999999) |
| ANN_YN | 1 | 444 | (0:2) |
| CAP_VAL | 6 | 445 | (0:999999) |
| CAP_YN | 1 | 451 | (0:2) |
| DBTN_VAL | 7 | 452 | (0000000:9999999) |
| DIS_CS | 1 | 459 | (0:2) |
| DIS_HP | 1 | 460 | (0:2) |

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|---|---|---|---|
| DIS_SC1 | 2 | 461 | (00:10) |
| DIS_SC2 | 2 | 463 | (00:10) |
| DIS_VAL1 | 6 | 465 | (0:999999) |
| DIS_VAL2 | 6 | 471 | (00000:999999) |
| DIS_YN | 1 | 477 | (0:2) |
| DIV_VAL | 6 | 478 | (000000:999999) |
| DIV_YN | 1 | 484 | (0:2) |
| DSAB_VAL | 6 | 485 | (000000:999999) |
| DST_SC1 | 1 | 491 | (0:7) |
| DST_SC1_YNG | 1 | 492 | (0:7) |
| DST_SC2 | 1 | 493 | (0:7) |
| DST_SC2_YNG | 1 | 494 | (0:7) |
| DST_VAL1 | 6 | 495 | (000000:999999) |
| DST_VAL1_YNG | 6 | 501 | (000000:999999) |
| DST_VAL2 | 6 | 507 | (000000:999999) |
| DST_VAL2_YNG | 6 | 513 | (000000:999999) |
| DST_YN | 1 | 519 | (0:2) |
| DST_YN_YNG | 1 | 520 | (0:2) |
| ED_VAL | 6 | 521 | (0:999999) |
| ED_YN | 1 | 527 | (0:2) |
| FAMREL | 2 | 528 | (1:11) |
| FIN_VAL | 6 | 530 | (0:999999) |
| FIN_YN | 1 | 536 | (0:2) |
| INT_VAL | 6 | 537 | (0:999999) |
| INT_YN | 1 | 543 | (0:2) |
| OED_TYP1 | 1 | 544 | (0:2) |
| OED_TYP2 | 1 | 545 | (0:2) |
| OED_TYP3 | 1 | 546 | (0:2) |
| OI_OFF | 2 | 547 | (0:20) |
| OI_VAL | 6 | 549 | (0:999999) |
| OI_YN | 1 | 555 | (0:2) |
| PEN_SC1 | 1 | 556 | (0:8) |
| PEN_SC2 | 1 | 557 | (0:8) |
| PEN_VAL1 | 6 | 558 | (0:999999) |
| PEN_VAL2 | 6 | 564 | (0:999999) |
| PEN_YN | 1 | 570 | (0:2) |
| PNSN_VAL | 7 | 571 | (0:9999999) |
| POTHVAL | 8 | 578 | (-99999:99999999) |
| PTOT_R | 2 | 586 | (0:41) |
| PTOTVAL | 8 | 588 | (-99999:99999999) |
| RESNSS1 | 1 | 596 | (0:8) |
| RESNSS2 | 1 | 597 | (0:8) |
| RESNSSI1 | 1 | 598 | (0:5) |
| RESNSSI2 | 1 | 599 | (0:5) |

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|---|---|---|---|
| RETCB_VAL | 5 | 600 | (0:99999) |
| RETCB_YN | 1 | 605 | (0:2) |
| RINT_SC1 | 1 | 606 | (0:7) |
| RINT_SC2 | 1 | 607 | (0:7) |
| RINT_VAL1 | 6 | 608 | (0:999999) |
| RINT_VAL2 | 6 | 614 | (0:999999) |
| RINT_YN | 1 | 620 | (0:2) |
| RNT_VAL | 6 | 621 | (-9999:999999) |
| RNT_YN | 1 | 627 | (0:2) |
| SRVS_VAL | 6 | 628 | (0:999999) |
| SS_VAL | 5 | 634 | (0:99999) |
| SS_YN | 1 | 639 | (0:2) |
| SSI_VAL | 5 | 640 | (0:99999) |
| SSI_YN | 1 | 645 | (0:2) |
| STRKUC | 1 | 646 | (0:2) |
| SUBUC | 1 | 647 | (0:2) |
| SUR_SC1 | 2 | 648 | (0:10) |
| SUR_SC2 | 2 | 650 | (0:10) |
| SUR_VAL1 | 6 | 652 | (00000:999999) |
| SUR_VAL2 | 6 | 658 | (00000:999999) |
| SUR_YN | 1 | 664 | (0:2) |
| TRDINT_VAL | 5 | 665 | (0:99999) |
| TSURVAL1 | 1 | 670 | (0:1) |
| TSURVAL2 | 1 | 671 | (0:1) |
| UC_VAL | 5 | 672 | (0:99999) |
| UC_YN | 1 | 677 | (0:2) |
| VET_QVA | 1 | 678 | (0:2) |
| VET_TYP1 | 1 | 679 | (0:2) |
| VET_TYP2 | 1 | 680 | (0:2) |
| VET_TYP3 | 1 | 681 | (0:2) |
| VET_TYP4 | 1 | 682 | (0:2) |
| VET_TYP5 | 1 | 683 | (0:2) |
| VET_VAL | 6 | 684 | (0:999999) |
| VET_YN | 1 | 690 | (0:2) |
| WC_TYPE | 1 | 691 | (0:4) |
| WC_VAL | 5 | 692 | (0:99999) |
| WC_YN | 1 | 697 | (0:2) |
| PAW_MON | 2 | 698 | (0:12) |
| PAW_TYP | 1 | 700 | (0:3) |
| PAW_VAL | 5 | 701 | (00000:99999) |
| PAW_YN | 1 | 706 | (0:2) |
| PENINCL | 1 | 707 | (0:2) |
| PENPLAN | 1 | 708 | (0:2) |
| WICYN | 1 | 709 | (0:2) |

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|---|---|---|---|
| CHCARE_YN | 1 | 710 | (0:2) |
| CHELSEW_YN | 1 | 711 | (0:2) |
| CHSP_VAL | 5 | 712 | (00000:99999) |
| CHSP_YN | 1 | 717 | (0:2) |
| CSP_VAL | 5 | 718 | (0:99999) |
| CSP_YN | 1 | 723 | (0:2) |
| ACTC_CRD | 5 | 724 | (0:99999) |
| AGI | 7 | 729 | (-999999:9999999) |
| CTC_CRD | 5 | 736 | (0:99999) |
| DEP_STAT | 2 | 741 | (00:16) |
| EIT_CRED | 4 | 743 | (0:9999) |
| FEDTAX_AC | 7 | 747 | (-99999:9999999) |
| FEDTAX_BC | 7 | 754 | (0:9999999) |
| FICA | 5 | 761 | (0:99999) |
| FILESTAT | 1 | 766 | (1:6) |
| MARG_TAX | 2 | 767 | (00:99) |
| PRSWKXPNS | 4 | 769 | (0:1999) |
| STATETAX_A | 6 | 773 | (-9999:9999999) |
| STATETAX_B | 6 | 779 | (0:9999999) |
| TAX_ID | 10 | 785 | (000000000:9999999999) |
| TAX_INC | 7 | 795 | (0:9999999) |
| I_ANNVAL | 1 | 802 | (0:9) |
| I_ANNYN | 1 | 803 | (0:9) |
| I_CAPVAL | 1 | 804 | (0:9) |
| I_CAPYN | 1 | 805 | (0:9) |
| I_CHCAREYN | 1 | 806 | (0:9) |
| I_CHELSEWYN | 1 | 807 | (0:9) |
| I_CHSPVAL | 1 | 808 | (0:9) |
| I_CHSPYN | 1 | 809 | (0:9) |
| I_CSPVAL | 1 | 810 | (0:9) |
| I_CSPYN | 1 | 811 | (0:9) |
| I_DISCS | 1 | 812 | (0:9) |
| I_DISHP | 1 | 813 | (0:9) |
| I_DISSC1 | 1 | 814 | (0:9) |
| I_DISSC2 | 1 | 815 | (0:9) |
| I_DISVL1 | 1 | 816 | (0:9) |
| I_DISVL2 | 1 | 817 | (0:9) |
| I_DISYN | 1 | 818 | (0:9) |
| I_DIVVAL | 1 | 819 | (0:9) |
| I_DIVYN | 1 | 820 | (0:1) |
| I_DSTSC | 1 | 821 | (0:9) |
| I_DSTSCCOMP | 1 | 822 | (0:9) |
| I_DSTVAL1COMP | 2 | 823 | (0:11) |
| I_DSTVAL2COMP | 2 | 825 | (0:11) |

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|---|---|---|---|
| I_DSTYNCOMP | 2 | 827 | (0:11) |
| I_EDTYP | 1 | 829 | (0:9) |
| I_EDYN | 1 | 830 | (0:9) |
| I_ERNSRC | 1 | 831 | (0:9) |
| I_ERNVAL | 1 | 832 | (0:9) |
| I_ERNYN | 1 | 833 | (0:9) |
| I_FINVAL | 1 | 834 | (0:9) |
| I_FINYN | 1 | 835 | (0:9) |
| I_FRMVAL | 1 | 836 | (0:9) |
| I_FRMYN | 1 | 837 | (0:9) |
| I_INTVAL | 2 | 838 | (0:15) |
| I_INTYN | 2 | 840 | (0:11) |
| I_OEDVAL | 1 | 842 | (0:9) |
| I_OIVAL | 1 | 843 | (0:9) |
| I_PAWMO | 1 | 844 | (0:9) |
| I_PAWTYP | 1 | 845 | (0:9) |
| I_PAWVAL | 1 | 846 | (0:9) |
| I_PAWYN | 1 | 847 | (0:9) |
| I_PENINC | 1 | 848 | (0:9) |
| I_PENPLA | 1 | 849 | (0:9) |
| I_PENSC1 | 1 | 850 | (0:9) |
| I_PENSC2 | 1 | 851 | (0:9) |
| I_PENVAL1 | 1 | 852 | (0:9) |
| I_PENVAL2 | 1 | 853 | (0:9) |
| I_PENYN | 1 | 854 | (0:9) |
| I_RETCBVAL | 1 | 855 | (0:9) |
| I_RETCBYN | 1 | 856 | (0:9) |
| I_RINTSC | 1 | 857 | (0:9) |
| I_RINTVAL1 | 1 | 858 | (0:9) |
| I_RINTVAL2 | 1 | 859 | (0:9) |
| I_RINTYN | 1 | 860 | (0:9) |
| I_RNTVAL | 1 | 861 | (0:9) |
| I_RNTYN | 1 | 862 | (0:9) |
| I_SEVAL | 1 | 863 | (0:9) |
| I_SEYN | 1 | 864 | (0:9) |
| I_SSIVAL | 2 | 865 | (0:15) |
| I_SSIYN | 2 | 867 | (0:11) |
| I_SSVAL | 2 | 869 | (0:15) |
| I_SSYN | 2 | 871 | (0:11) |
| I_SURSC1 | 1 | 873 | (0:9) |
| I_SURSC2 | 1 | 874 | (0:9) |
| I_SURVL1 | 1 | 875 | (0:9) |
| I_SURVL2 | 1 | 876 | (0:9) |
| I_SURYN | 1 | 877 | (0:9) |

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|---|---|---|---|
| I_UCVAL | 2 | 878 | (0:15) |
| I_UCYN | 2 | 880 | (0:11) |
| I_VETQVA | 1 | 882 | (0:9) |
| I_VETTYP | 1 | 883 | (0:9) |
| I_VETVAL | 2 | 884 | (0:15) |
| I_VETYN | 1 | 886 | (0:9) |
| I_WCTYP | 1 | 887 | (0:9) |
| I_WCVAL | 1 | 888 | (0:9) |
| I_WCYN | 1 | 889 | (0:9) |
| I_WSVAL | 1 | 890 | (0:9) |
| I_WSYN | 1 | 891 | (0:9) |
| RESNSSA | 1 | 892 | (0:9) |
| RESNSSIA | 1 | 893 | (0:9) |
| WICYNA | 1 | 894 | (0:1) |
| TANN_VAL | 1 | 895 | (0:1) |
| TCAP_VAL | 1 | 896 | (0:1) |
| TCERNVAL | 1 | 897 | (0:1) |
| TCFFMVAL | 1 | 898 | (0:1) |
| TCHSP_VAL | 1 | 899 | (0:1) |
| TCSEVAL | 1 | 900 | (0:1) |
| TCSP_VAL | 1 | 901 | (0:1) |
| TCWSVAL | 1 | 902 | (0:1) |
| TDISVAL1 | 1 | 903 | (0:1) |
| TDISVAL2 | 1 | 904 | (0:1) |
| TDIV_VAL | 1 | 905 | (0:1) |
| TDST_VAL1 | 1 | 906 | (0:1) |
| TDST_VAL1_YNG | 1 | 907 | (0:1) |
| TDST_VAL2 | 1 | 908 | (0:1) |
| TDST_VAL2_YNG | 1 | 909 | (0:1) |
| TED_VAL | 1 | 910 | (0:1) |
| TFIN_VAL | 1 | 911 | (0:1) |
| TOI_VAL | 1 | 912 | (0:1) |
| TPEN_VAL1 | 1 | 913 | (0:1) |
| TPEN_VAL2 | 1 | 914 | (0:1) |
| TRINT_VAL1 | 1 | 915 | (0:1) |
| TRINT_VAL2 | 1 | 916 | (0:1) |
| TRNT_VAL | 1 | 917 | (0:1) |
| TTRDINT_VAL | 1 | 918 | (0:1) |
| PERLIS | 2 | 919 | (-1:4) |
| POV_UNIV | 1 | 921 | (0:1) |
| COV | 1 | 922 | (0:2) |
| COV_CYR | 1 | 923 | (0:3) |
| COV_MULT_CYR | 1 | 924 | (0:3) |
| NOCOV_CYR | 1 | 925 | (0:3) |

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|---|---|---|---|
| NOW_COV | 1 | 926 | (1:2) |
| I_NOW_PUB | 1 | 927 | (0:3) |
| I_PUB | 2 | 928 | (-1:3) |
| NOW_PUB | 1 | 930 | (1:2) |
| PUB | 1 | 931 | (0:2) |
| PUB_CYR | 1 | 932 | (0:3) |
| DEPPRIV | 1 | 933 | (0:2) |
| I_DEPPRIV | 2 | 934 | (-1:3) |
| I_NOW_DEPPRIV | 2 | 936 | (-1:3) |
| I_NOW_OUTPRIV | 2 | 938 | (-1:3) |
| I_NOW_OWNPRIV | 2 | 940 | (-1:3) |
| I_NOW_PRIV | 1 | 942 | (0:3) |
| I_OUTPRIV | 2 | 943 | (-1:3) |
| I_OWNPRIV | 2 | 945 | (-1:3) |
| I_PRIV | 2 | 947 | (-1:3) |
| NOW_DEPPRIV | 1 | 949 | (0:2) |
| NOW_OUTPRIV | 1 | 950 | (0:2) |
| NOW_OWNPRIV | 1 | 951 | (0:2) |
| NOW_PRIV | 1 | 952 | (1:2) |
| OUTPRIV | 1 | 953 | (0:2) |
| OWNPRIV | 1 | 954 | (0:2) |
| PRIV | 1 | 955 | (0:2) |
| PRIV_CYR | 1 | 956 | (0:3) |
| DEPGRP | 1 | 957 | (0:2) |
| GRP | 1 | 958 | (0:2) |
| GRPFTYP | 1 | 959 | (0:2) |
| GRPFTYP2 | 1 | 960 | (0:3) |
| GRPLIN1 | 2 | 961 | (0:20) |
| GRPOUT | 1 | 963 | (0:2) |
| HIPAID | 1 | 964 | (0:3) |
| I_DEPGRP | 2 | 965 | (-1:3) |
| I_GRP | 2 | 967 | (-1:3) |
| I_GRPOUT | 2 | 969 | (-1:3) |
| I_HIPAID | 2 | 971 | (-1:3) |
| I_NOW_DEPGRP | 2 | 973 | (-1:3) |
| I_NOW_GRP | 1 | 975 | (0:3) |
| I_NOW_GRPOUT | 2 | 976 | (-1:3) |
| I_NOW_HIPAID | 2 | 978 | (-1:3) |
| I_NOW_OUTGRP | 2 | 980 | (-1:3) |
| I_NOW_OWNGRP | 2 | 982 | (-1:3) |
| I_OUTGRP | 2 | 984 | (-1:3) |
| I_OWNGRP | 2 | 986 | (-1:3) |
| NOW_DEPGRP | 1 | 988 | (0:2) |
| NOW_GRP | 1 | 989 | (1:2) |

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|---|---|---|---|
| NOW_GRPFTYP | 1 | 990 | (0:2) |
| NOW_GRPFTYP2 | 1 | 991 | (0:3) |
| NOW_GRPLIN | 2 | 992 | (0:20) |
| NOW_GRPOUT | 1 | 994 | (0:2) |
| NOW_HIPAID | 1 | 995 | (0:3) |
| NOW_OUTGRP | 1 | 996 | (0:2) |
| NOW_OWNGRP | 1 | 997 | (0:2) |
| OUTGRP | 1 | 998 | (0:2) |
| OWNGRP | 1 | 999 | (0:2) |
| DEPDIR | 1 | 1000 | (0:2) |
| DIR | 1 | 1001 | (0:2) |
| DIRFTYP | 1 | 1002 | (0:2) |
| DIRFTYP2 | 1 | 1003 | (0:3) |
| DIRLIN1 | 2 | 1004 | (0:20) |
| DIROUT | 1 | 1006 | (0:2) |
| I_DEPDIR | 2 | 1007 | (-1:3) |
| I_DIR | 2 | 1009 | (-1:3) |
| I_DIROUT | 2 | 1011 | (-1:3) |
| I_NOW_DEPDIR | 2 | 1013 | (-1:3) |
| I_NOW_DIR | 1 | 1015 | (0:3) |
| I_NOW_DIROUT | 2 | 1016 | (-1:3) |
| I_NOW_OUTDIR | 2 | 1018 | (-1:3) |
| I_NOW_OWNDIR | 2 | 1020 | (-1:3) |
| I_OUTDIR | 2 | 1022 | (-1:3) |
| I_OWNDIR | 2 | 1024 | (-1:3) |
| NOW_DEPDIR | 1 | 1026 | (0:2) |
| NOW_DIR | 1 | 1027 | (1:2) |
| NOW_DIRFTYP | 1 | 1028 | (0:2) |
| NOW_DIRFTYP2 | 1 | 1029 | (0:3) |
| NOW_DIRLIN | 2 | 1030 | (0:20) |
| NOW_DIROUT | 1 | 1032 | (0:2) |
| NOW_OUTDIR | 1 | 1033 | (0:2) |
| NOW_OWNDIR | 1 | 1034 | (0:2) |
| OUTDIR | 1 | 1035 | (0:2) |
| OWNDIR | 1 | 1036 | (0:2) |
| DEPMRK | 1 | 1037 | (0:2) |
| I_DEPMRK | 2 | 1038 | (-1:3) |
| I_MRK | 2 | 1040 | (-1:3) |
| I_MRKOUT | 2 | 1042 | (-1:3) |
| I_NOW_DEPMRK | 2 | 1044 | (-1:3) |
| I_NOW_MRK | 1 | 1046 | (0:3) |
| I_NOW_MRKOUT | 2 | 1047 | (-1:3) |
| I_NOW_OUTMRK | 2 | 1049 | (-1:3) |
| I_NOW_OWNMRK | 2 | 1051 | (-1:3) |

| | | | |
|---|---|---|---|
| I_OUTMRK | 2 | 1053 | (-1:3) |
| I_OWNMRK | 2 | 1055 | (-1:3) |
| MRK | 1 | 1057 | (0:2) |
| MRKFTYP | 1 | 1058 | (0:2) |
| MRKFTYP2 | 1 | 1059 | (0:3) |
| MRKLIN1 | 2 | 1060 | (0:20) |
| MRKOUT | 1 | 1062 | (0:2) |
| NOW_DEPMRK | 1 | 1063 | (0:2) |
| NOW_MRK | 1 | 1064 | (1:2) |
| NOW_MRKFTYP | 1 | 1065 | (0:2) |
| NOW_MRKFTYP2 | 1 | 1066 | (0:3) |
| NOW_MRKLIN | 2 | 1067 | (0:20) |
| NOW_MRKOUT | 1 | 1069 | (0:2) |
| NOW_OUTMRK | 1 | 1070 | (0:2) |
| NOW_OWNMRK | 1 | 1071 | (0:2) |
| OUTMRK | 1 | 1072 | (0:2) |
| OWNMRK | 1 | 1073 | (0:2) |
| DEPMRKS | 1 | 1074 | (0:2) |
| I_DEPMRKS | 2 | 1075 | (-1:3) |
| I_MRKS | 2 | 1077 | (-1:3) |
| I_MRKSOUT | 2 | 1079 | (-1:3) |
| I_NOW_DEPMRKS | 2 | 1081 | (-1:3) |
| I_NOW_MRKS | 1 | 1083 | (0:3) |
| I_NOW_MRKSOUT | 2 | 1084 | (-1:3) |
| I_NOW_OUTMRKS | 2 | 1086 | (-1:3) |
| I_NOW_OWNMRKS | 2 | 1088 | (-1:3) |
| I_OUTMRKS | 2 | 1090 | (-1:3) |
| I_OWNMRKS | 2 | 1092 | (-1:3) |
| MRKS | 1 | 1094 | (0:2) |
| MRKSFTYP | 1 | 1095 | (0:2) |
| MRKSFTYP2 | 1 | 1096 | (0:3) |
| MRKSLIN1 | 2 | 1097 | (0:20) |
| MRKSOUT | 1 | 1099 | (0:2) |
| NOW_DEPMRKS | 1 | 1100 | (0:2) |
| NOW_MRKS | 1 | 1101 | (1:2) |
| NOW_MRKSFTYP | 1 | 1102 | (0:2) |
| NOW_MRKSFTYP2 | 1 | 1103 | (0:3) |
| NOW_MRKSLIN | 2 | 1104 | (0:20) |
| NOW_MRKSOUT | 1 | 1106 | (0:2) |
| NOW_OUTMRKS | 1 | 1107 | (0:2) |
| NOW_OWNMRKS | 1 | 1108 | (0:2) |
| OUTMRKS | 1 | 1109 | (0:2) |
| OWNMRKS | 1 | 1110 | (0:2) |
| DEPMRKUN | 1 | 1111 | (0:2) |

| | | | |
|---|---|---|---|
| I_DEPMRKUN | 2 | 1112 | (-1:3) |
| I_MRKUN | 2 | 1114 | (-1:3) |
| I_MRKUNOUT | 2 | 1116 | (-1:3) |
| I_NOW_DEPMRKUN | 2 | 1118 | (-1:3) |
| I_NOW_MRKUN | 1 | 1120 | (0:3) |
| I_NOW_MRKUNOUT | 2 | 1121 | (-1:3) |
| I_NOW_OUTMRKUN | 2 | 1123 | (-1:3) |
| I_NOW_OWNMRKUN | 2 | 1125 | (-1:3) |
| I_OUTMRKUN | 2 | 1127 | (-1:3) |
| I_OWNMRKUN | 2 | 1129 | (-1:3) |
| MRKUN | 1 | 1131 | (0:2) |
| MRKUNFTYP | 1 | 1132 | (0:2) |
| MRKUNFTYP2 | 1 | 1133 | (0:3) |
| MRKUNLIN1 | 2 | 1134 | (0:20) |
| MRKUNOUT | 1 | 1136 | (0:2) |
| NOW_DEPMRKUN | 1 | 1137 | (0:2) |
| NOW_MRKUN | 1 | 1138 | (1:2) |
| NOW_MRKUNFTYP | 1 | 1139 | (0:2) |
| NOW_MRKUNFTYP2 | 1 | 1140 | (0:3) |
| NOW_MRKUNLIN | 2 | 1141 | (0:20) |
| NOW_MRKUNOUT | 1 | 1143 | (0:2) |
| NOW_OUTMRKUN | 1 | 1144 | (0:2) |
| NOW_OWNMRKUN | 1 | 1145 | (0:2) |
| OUTMRKUN | 1 | 1146 | (0:2) |
| OWNMRKUN | 1 | 1147 | (0:2) |
| DEPNONM | 1 | 1148 | (0:2) |
| I_DEPNONM | 2 | 1149 | (-1:3) |
| I_NONM | 2 | 1151 | (-1:3) |
| I_NONMOUT | 2 | 1153 | (-1:3) |
| I_NOW_DEPNONM | 2 | 1155 | (-1:3) |
| I_NOW_NONM | 1 | 1157 | (0:3) |
| I_NOW_NONMOUT | 2 | 1158 | (-1:3) |
| I_NOW_OUTNONM | 2 | 1160 | (-1:3) |
| I_NOW_OWNNONM | 2 | 1162 | (-1:3) |
| I_OUTNONM | 2 | 1164 | (-1:3) |
| I_OWNNONM | 2 | 1166 | (-1:3) |
| NONM | 1 | 1168 | (0:2) |
| NONMFTYP | 1 | 1169 | (0:2) |
| NONMFTYP2 | 1 | 1170 | (0:3) |
| NONMLIN1 | 2 | 1171 | (0:20) |
| NONMOUT | 1 | 1173 | (0:2) |
| NOW_DEPNONM | 1 | 1174 | (0:2) |
| NOW_NONM | 1 | 1175 | (1:2) |
| NOW_NONMFTYP | 1 | 1176 | (0:2) |

| | | | |
|---|---|---|---|
| NOW_NONMFTYP2 | 1 | 1177 | (0:3) |
| NOW_NONMLIN | 2 | 1178 | (0:20) |
| NOW_NONMOUT | 1 | 1180 | (0:2) |
| NOW_OUTNONM | 1 | 1181 | (0:2) |
| NOW_OWNNONM | 1 | 1182 | (0:2) |
| OUTNONM | 1 | 1183 | (0:2) |
| OWNNONM | 1 | 1184 | (0:2) |
| I_MCAID | 2 | 1185 | (-1:3) |
| I_NOW_MCAID | 1 | 1187 | (0:3) |
| MCAID | 1 | 1188 | (0:2) |
| NOW_MCAID | 1 | 1189 | (1:2) |
| CAID | 1 | 1190 | (0:2) |
| I_CAID | 2 | 1191 | (-1:3) |
| I_NOW_CAID | 1 | 1193 | (0:3) |
| MCAID_CYR | 1 | 1194 | (0:3) |
| NOW_CAID | 1 | 1195 | (1:2) |
| I_NOW_OTHMT | 1 | 1196 | (0:3) |
| I_OTHMT | 2 | 1197 | (-1:3) |
| NOW_OTHMT | 1 | 1199 | (1:2) |
| OTHMT | 1 | 1200 | (0:2) |
| I_NOW_PCHIP | 1 | 1201 | (0:3) |
| I_PCHIP | 2 | 1202 | (-1:3) |
| NOW_PCHIP | 1 | 1204 | (1:2) |
| PCHIP | 1 | 1205 | (0:2) |
| I_MCARE | 2 | 1206 | (-1:3) |
| I_NOW_MCARE | 1 | 1208 | (0:3) |
| MCARE | 1 | 1209 | (0:2) |
| NOW_MCARE | 1 | 1210 | (1:2) |
| I_IHSFLG | 2 | 1211 | (-1:3) |
| I_NOW_IHSFLG | 1 | 1213 | (0:3) |
| IHSFLG | 1 | 1214 | (0:2) |
| NOW_IHSFLG | 1 | 1215 | (1:2) |
| DEPMIL | 1 | 1216 | (0:2) |
| I_DEPMIL | 2 | 1217 | (-1:3) |
| I_MIL | 2 | 1219 | (-1:3) |
| I_MILOUT | 2 | 1221 | (-1:3) |
| I_NOW_DEPMIL | 2 | 1223 | (-1:3) |
| I_NOW_MIL | 1 | 1225 | (0:3) |
| I_NOW_MILOUT | 2 | 1226 | (-1:3) |
| I_NOW_OUTMIL | 2 | 1228 | (-1:3) |
| I_NOW_OWNMIL | 2 | 1230 | (-1:3) |
| I_OUTMIL | 2 | 1232 | (-1:3) |
| I_OWNMIL | 2 | 1234 | (-1:3) |
| MIL | 1 | 1236 | (0:2) |

| | | | |
|---|---|---|---|
| MILFTYP | 1 | 1237 | (0:2) |
| MILFTYP2 | 1 | 1238 | (0:3) |
| MILLIN1 | 2 | 1239 | (0:20) |
| MILOUT | 1 | 1241 | (0:2) |
| NOW_DEPMIL | 1 | 1242 | (0:2) |
| NOW_MIL | 1 | 1243 | (1:2) |
| NOW_MILFTYP | 1 | 1244 | (0:2) |
| NOW_MILFTYP2 | 1 | 1245 | (0:3) |
| NOW_MILLIN | 2 | 1246 | (0:20) |
| NOW_MILOUT | 1 | 1248 | (0:2) |
| NOW_OUTMIL | 1 | 1249 | (0:2) |
| NOW_OWNMIL | 1 | 1250 | (0:2) |
| OUTMIL | 1 | 1251 | (0:2) |
| OWNMIL | 1 | 1252 | (0:2) |
| CHAMPVA | 1 | 1253 | (0:2) |
| I_CHAMPVA | 2 | 1254 | (-1:3) |
| I_NOW_CHAMPVA | 1 | 1256 | (0:3) |
| NOW_CHAMPVA | 1 | 1257 | (1:2) |
| I_NOW_VACARE | 1 | 1258 | (0:3) |
| I_VACARE | 2 | 1259 | (-1:3) |
| NOW_VACARE | 1 | 1261 | (1:2) |
| VACARE | 1 | 1262 | (0:2) |
| I_MCPREM | 2 | 1263 | (-1:2) |
| I_MOOP | 2 | 1265 | (-1:3) |
| I_MOOP2 | 2 | 1267 | (-1:3) |
| I_PHIPVAL | 2 | 1269 | (-1:3) |
| I_PHIPVAL2 | 2 | 1271 | (-1:3) |
| I_PMEDVAL | 2 | 1273 | (-1:3) |
| I_POTCVAL | 2 | 1275 | (-1:3) |
| MOOP | 7 | 1277 | (0:9999999) |
| MOOP2 | 7 | 1284 | (0:9999999) |
| PEMCPREM | 5 | 1291 | (0000:99999) |
| PHIP_VAL | 6 | 1296 | (0:999999) |
| PHIP_VAL2 | 6 | 1302 | (0:999999) |
| PMED_VAL | 6 | 1308 | (0:999999) |
| POTC_VAL | 5 | 1314 | (0:99999) |
| TPEMCPREM | 1 | 1319 | (0:1) |
| TPHIP_VAL | 1 | 1320 | (0:1) |
| TPHIP_VAL2 | 1 | 1321 | (0:1) |
| TPMED_VAL | 1 | 1322 | (0:1) |
| TPOTC_VAL | 1 | 1323 | (0:1) |
| ESICOULD | 1 | 1324 | (0:2) |
| ESIELIG1 | 1 | 1325 | (0:2) |
| ESIELIG2 | 1 | 1326 | (0:2) |

| | | | |
|---|---|---|---|
| ESIELIG3 | 1 | 1327 | (0:2) |
| ESIELIG4 | 1 | 1328 | (0:2) |
| ESIELIG5 | 1 | 1329 | (0:2) |
| ESIELIG6 | 1 | 1330 | (0:2) |
| ESIOFFER | 1 | 1331 | (0:2) |
| ESITAKE1 | 1 | 1332 | (0:2) |
| ESITAKE2 | 1 | 1333 | (0:2) |
| ESITAKE3 | 1 | 1334 | (0:2) |
| ESITAKE4 | 1 | 1335 | (0:2) |
| ESITAKE5 | 1 | 1336 | (0:2) |
| ESITAKE6 | 1 | 1337 | (0:2) |
| ESITAKE7 | 1 | 1338 | (0:2) |
| ESITAKE8 | 1 | 1339 | (0:2) |
| I_ESICOULD | 2 | 1340 | (-1:3) |
| I_ESIELIG1 | 2 | 1342 | (-1:3) |
| I_ESIELIG2 | 2 | 1344 | (-1:3) |
| I_ESIELIG3 | 2 | 1346 | (-1:3) |
| I_ESIELIG4 | 2 | 1348 | (-1:3) |
| I_ESIELIG5 | 2 | 1350 | (-1:3) |
| I_ESIELIG6 | 2 | 1352 | (-1:3) |
| I_ESIOFFER | 2 | 1354 | (-1:3) |
| I_ESITAKE1 | 2 | 1356 | (-1:3) |
| I_ESITAKE2 | 2 | 1358 | (-1:3) |
| I_ESITAKE3 | 2 | 1360 | (-1:3) |
| I_ESITAKE4 | 2 | 1362 | (-1:3) |
| I_ESITAKE5 | 2 | 1364 | (-1:3) |
| I_ESITAKE6 | 2 | 1366 | (-1:3) |
| I_ESITAKE7 | 2 | 1368 | (-1:3) |
| I_ESITAKE8 | 2 | 1370 | (-1:3) |
| I_PECOULD | 2 | 1372 | (-1:3) |
| I_PEOFFER | 2 | 1374 | (-1:3) |
| I_PEWNELIG1 | 2 | 1376 | (-1:3) |
| I_PEWNELIG2 | 2 | 1378 | (-1:3) |
| I_PEWNELIG3 | 2 | 1380 | (-1:3) |
| I_PEWNELIG4 | 2 | 1382 | (-1:3) |
| I_PEWNELIG5 | 2 | 1384 | (-1:3) |
| I_PEWNELIG6 | 2 | 1386 | (-1:3) |
| I_PEWNTAKE1 | 2 | 1388 | (-1:3) |
| I_PEWNTAKE2 | 2 | 1390 | (-1:3) |
| I_PEWNTAKE3 | 2 | 1392 | (-1:3) |
| I_PEWNTAKE4 | 2 | 1394 | (-1:3) |
| I_PEWNTAKE5 | 2 | 1396 | (-1:3) |
| I_PEWNTAKE6 | 2 | 1398 | (-1:3) |
| I_PEWNTAKE7 | 2 | 1400 | (-1:3) |

| | | | |
|---|---|---|---|
| I_PEWNTAKE8 | 2 | 1402 | (-1:3) |
| PECOULD | 1 | 1404 | (0:2) |
| PEOFFER | 1 | 1405 | (0:2) |
| PEWNELIG1 | 1 | 1406 | (0:2) |
| PEWNELIG2 | 1 | 1407 | (0:2) |
| PEWNELIG3 | 1 | 1408 | (0:2) |
| PEWNELIG4 | 1 | 1409 | (0:2) |
| PEWNELIG5 | 1 | 1410 | (0:2) |
| PEWNELIG6 | 1 | 1411 | (0:2) |
| PEWNTAKE1 | 1 | 1412 | (0:2) |
| PEWNTAKE2 | 1 | 1413 | (0:2) |
| PEWNTAKE3 | 1 | 1414 | (0:2) |
| PEWNTAKE4 | 1 | 1415 | (0:2) |
| PEWNTAKE5 | 1 | 1416 | (0:2) |
| PEWNTAKE6 | 1 | 1417 | (0:2) |
| PEWNTAKE7 | 1 | 1418 | (0:2) |
| PEWNTAKE8 | 1 | 1419 | (0:2) |
| HEA | 1 | 1420 | (1:5) |
| I_HEA | 2 | 1421 | (-1:3) |
| SPM_Head | 1 | 1423 | (0:1) |
| SPM_ID | 8 | 1424 | (0000000:99999999) |
| SPM_ACTC | 5 | 1432 | (0:99999) |
| SPM_BBSUBVAL | 3 | 1437 | (0:999) |
| SPM_CapHouseSub | 5 | 1440 | (00000:99999) |
| SPM_CapWkCCXpns | 6 | 1445 | (0:999999) |
| SPM_ChildcareXpns | 6 | 1451 | (0:999999) |
| SPM_ChildSupPd | 5 | 1457 | (0:99999) |
| SPM_EITC | 5 | 1462 | (0:999999) |
| SPM_EngVal | 5 | 1467 | (0000:10000) |
| SPM_EquivScale | 6 | 1472 | (0.0000:3.0000) |
| SPM_FamType | 1 | 1478 | (1:5) |
| SPM_FedTax | 7 | 1479 | (-999999:9999999) |
| SPM_FedTaxBC | 7 | 1486 | (-999999:9999999) |
| SPM_FICA | 6 | 1493 | (0:999999) |
| SPM_GeoAdj | 6 | 1499 | (0.0000:2.0000) |
| SPM_Hage | 2 | 1505 | (15:85) |
| SPM_HHisp | 1 | 1507 | (0:1) |
| SPM_HMaritalStatus | 1 | 1508 | (1:7) |
| SPM_HRace | 1 | 1509 | (1:4) |
| SPM_MedXpns | 7 | 1510 | (0:9999999) |
| SPM_NumAdults | 2 | 1517 | (0:20) |
| SPM_NumKids | 2 | 1519 | (0:20) |
| SPM_NumPer | 2 | 1521 | (0:20) |
| SPM_Poor | 1 | 1523 | (0:1) |

| | | | |
|---|---|---|---|
| SPM_PovThreshold | 6 | 1524 | (00000:999999) |
| SPM_Resources | 7 | 1530 | (-999999:9999999) |
| SPM_SchLunch | 5 | 1537 | (0000:99999) |
| SPM_SNAPSub | 5 | 1542 | (00000:99999) |
| SPM_StTax | 6 | 1547 | (-9999:999999) |
| SPM_TenMortStatus | 1 | 1553 | (1:3) |
| SPM_Totval | 7 | 1554 | (-999999:9999999) |
| SPM_wCohabit | 1 | 1561 | (0:1) |
| SPM_Weight | 7 | 1562 | (9999:9999999) |
| SPM_wFoster22 | 1 | 1569 | (0:1) |
| SPM_WICval | 4 | 1570 | (0000:9999) |
| SPM_WkXpns | 5 | 1574 | (0:99999) |
| SPM_wNewHead | 1 | 1579 | (0:1) |
| SPM_wNewParent | 1 | 1580 | (0:1) |
| SPM_wUI_LT15 | 1 | 1581 | (0:1) |
| MIG_CBST | 1 | 1582 | (0:4) |
| MIG_DIV | 2 | 1583 | (0:10) |
| MIG_DSCP | 1 | 1585 | (0:5) |
| MIG_MTR1 | 1 | 1586 | (0:9) |
| MIG_MTR3 | 1 | 1587 | (0:8) |
| MIG_MTR4 | 1 | 1588 | (0:9) |
| MIG_REG | 1 | 1589 | (0:5) |
| MIG_ST | 2 | 1590 | (0:96) |
| MIGSAME | 1 | 1592 | (0:3) |
| NXTRES | 2 | 1593 | (0:20) |
| M5G_CBST | 1 | 1595 | (0:4) |
| M5G_DIV | 2 | 1596 | (0:10) |
| M5G_DSCP | 1 | 1598 | (0:5) |
| M5G_MTR1 | 1 | 1599 | (0:9) |
| M5G_MTR3 | 1 | 1600 | (0:8) |
| M5G_MTR4 | 1 | 1601 | (0:9) |
| M5G_REG | 1 | 1602 | (0:5) |
| M5G_ST | 2 | 1603 | (0:96) |
| M5GSAME | 1 | 1605 | (0:3) |
| I_M5G1 | 1 | 1606 | (0:5) |
| I_M5G2 | 2 | 1607 | (0:10) |
| I_M5G3 | 1 | 1609 | (0:5) |
| I_MIG1 | 1 | 1610 | (0:5) |
| I_MIG2 | 2 | 1611 | (0:10) |
| I_MIG3 | 1 | 1613 | (0:5) |
| I_NXTRES | 1 | 1614 | (0:5) |

# APPENDIX H

## Source of the Data and Accuracy of the Estimates for the 2025 Annual Social and Economic Supplement Microdata File

## Table of Contents

# Tables

# Source of the Data and Accuracy of the Estimates for the 2025 Annual Social and Economic Supplement Microdata File

## SOURCE OF THE DATA

The data in this microdata file and the estimates in the reports *Income in the United States: 2024, Poverty in the United States: 2024,* and *Health Insurance Coverage in the United States: 2024* come from the 2025[1] Annual Social and Economic Supplement (ASEC) of the Current Population Survey (CPS). 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 3.8 million institutionalized people in the 2020 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[2] reflecting changes based on the most recent decennial census.[3] In the first stage of the sampling process, primary sampling units (PSUs)[4] were selected for sample. In the 2010 sample design, the United States was

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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, 2025), and "data year" is the year about which the data are obtained (in this case, 2024). The 2025 CPS ASEC asks questions of data year 2024, the 2024 CPS ASEC asks questions of data year 2023, etc.

2 For detailed information on the 2010 sample redesign, please refer to Bureau of Labor Statistics (2014).

3 Redesigning the surveys is a multi-year process. The redesigned survey based on 2020 Census data will be implemented in the 2026 ASEC.

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

divided into 1,987 PSUs. These PSUs were then grouped into 852 strata. Within each stratum, a single PSU was chosen for the sample, with its probability of selection proportional to its population as of the most recent decennial census. In the case of strata consisting of only one PSU, the PSU was chosen with certainty.

Approximately 69,500 sampled addresses were selected from the sampling frame for the March basic CPS.[5] Based on eligibility criteria, seven 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).[6] Of all addresses in sample, about 60,000 were determined to be eligible for interview. Interviewers obtained interviews at about 40,000 of the housing units at these addresses. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason.

**The 2025 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.
- Foreign-born population.
- Income from the previous calendar year.
- Work status/occupation.
- Health insurance coverage.
- Program participation.
- Educational attainment.

Including the March basic CPS sample and the ASEC oversamples, approximately 89,000 addresses were in sample for the CPS ASEC.[7] Among the sampled addresses, about 78,500 met eligibility criteria for ASEC interviews. From the ASEC-eligible address, about 56,000 interviews were conducted for the basic CPS portion of the interview and about 8,700 of those interviews ended before conducting the ASEC portion of the interview.

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5 Counts and estimates throughout this source and accuracy statement are rounded according to Disclosure Review Board rounding rules.

6 For further information on CATI and CAPI and the eligibility criteria, please refer to U.S. Census Bureau (2019c).

7 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 (2019c).

Table 1 shows the number of households interviewed for the ASEC portion of the interview, along with the number of households in sample but not interviewed for both the basic CPS portion and the ASEC portion of the interview.

**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 for March Interviewing | | Total (CPS ASEC[C] + basic CPS) sampled addresses eligible for ASEC Interviewing | | |
|---|---|---|---|---|---|---|
| | | Interviewed | Not interviewed | Interviewed[D] | Not interviewed for CPS | Not interviewed for ASEC |
| **2025** | 852 | 40,000 | 20,000 | 47,000 | 22,500 | 8,700 |
| **2024** | 852 | 40,500 | 19,500 | 47,000 | 22,500 | 9,200 |
| **2023** | 852 | 40,500 | 18,500 | 47,000 | 21,000 | 9,900 |
| **2022[E]** | 852 | 42,500 | 16,500 | 48,500 | 19,000 | 10,500 |
| **2021** | 852 | 44,900 | 14,100 | 52,000 | 16,500 | 11,000 |
| **2020** | 852 | 43,600 | 16,100 | 49,000 | 19,000 | 11,500 |
| **2019** | 852 | 48,900 | 11,100 | 56,000 | 13,500 | 12,500 |
| **2018** | 852 | 50,800 | 9,900 | 56,000 | 11,500 | 12,000 |
| **2017** | 852 | 52,400 | 9,300 | 60,000 | 11,000 | 9,900 |
| **2016** | 852 | 52,000 | 9,100 | 59,000 | 11,000 | 10,500 |
| **2015** | 852 | 52,900 | 8,200 | 64,000 | 10,500 | 10,000 |

Source: U.S. Census Bureau, Current Population Survey 2015-2025 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 In source and accuracy statements prior to 2025, the reported number of interviews for the total CPS ASEC + basic CPS included interviews that ended before conducting the ASEC portion of the interview.

E Starting with 2022, the number of interviewed and not interviewed cases are rounded to the nearest 500 due to disclosure review board policy. Therefore, numbers may not sum to totals due to rounding.

**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 are prepared monthly as part of the Census Bureau's Population Estimates Program.[8,9]

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.

8 For additional information on population controls, including details on the demographic characteristics used and net international components, please refer to Chapters 1-3 and Appendix: History of the Current Population Survey of U.S. Census Bureau (2019c).

9 Due to the implementation of the Vintage 2024 population estimates, comparisons of the estimated change in number of people between 2023 and 2024 (2024 CPS ASEC and 2025 CPS ASEC) reflect both demographic change and updates to the methodology. For more information on the effect of the change, please refer to Fox & Stern (2025).

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 2020 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.

**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 refer to 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 2025 ASEC, Table 2 provides the unweighted and weighted nonresponse rates to the basic CPS questionnaire, the ASEC supplement questionnaire for those responding to the basic CPS and the overall ASEC questionnaire at the household level. [10]

**Table 2. Nonresponse Rates for the Eligible Annual Social and Economic Supplement Households: 2025**

| Nonresponse to the… | Unweighted Nonresponse Rate | Weighted Nonresponse Rate |
|---|---|---|
| Basic CPS[A] Questionnaire | 28.9 | 27.5 |
| ASEC[B] Supplement Questionnaire | 15.6 | 14.5 |
| Overall ASEC -- Household-level | 39.9 | 38.0 |

Source: U.S. Census Bureau, Current Population Survey, 2025 Annual Social and Economic Supplement.

A CPS is the Current Population Survey.

B ASEC is the Annual Social and Economic Supplement of the Current Population Survey.

10 Since 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.

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 2.0 percent. The unweighted item allocation rates range from 20.0 percent to 73.1 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 2025 is estimated to be about 11 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 3 shows March 2025 CPS coverage ratios by age and sex for certain race and Hispanic groups. The CPS coverage ratios can exhibit some variability from month to month.

**Table 3. Current Population Survey Coverage Ratios: March 2025**

| 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** | 0.84 | 0.84 | 0.84 | 0.91 | 0.90 | 0.65 | 0.62 | 0.75 | 0.78 | 0.76 | 0.77 |
| **16-19** | 0.80 | 0.83 | 0.77 | 0.87 | 0.80 | 0.69 | 0.58 | 0.76 | 0.82 | 0.85 | 0.73 |
| **20-24** | 0.74 | 0.75 | 0.72 | 0.81 | 0.76 | 0.60 | 0.65 | 0.64 | 0.61 | 0.79 | 0.74 |
| **25-34** | 0.81 | 0.82 | 0.81 | 0.88 | 0.85 | 0.55 | 0.60 | 0.78 | 0.79 | 0.84 | 0.81 |
| **35-44** | 0.88 | 0.84 | 0.91 | 0.89 | 0.96 | 0.63 | 0.71 | 0.80 | 0.89 | 0.77 | 0.89 |
| **45-54** | 0.89 | 0.88 | 0.90 | 0.91 | 0.95 | 0.74 | 0.74 | 0.84 | 0.77 | 0.76 | 0.86 |
| **55-64** | 0.95 | 0.91 | 0.98 | 0.94 | 1.02 | 0.81 | 0.83 | 0.83 | 0.88 | 0.84 | 0.89 |
| **65+** | 1.08 | 1.07 | 1.08 | 1.10 | 1.11 | 1.00 | 1.00 | 0.87 | 0.85 | 0.95 | 0.97 |
| **15+** | 0.91 | 0.89 | 0.92 | 0.94 | 0.96 | 0.72 | 0.75 | 0.80 | 0.81 | 0.82 | 0.85 |
| **0+** | 0.89 | 0.89 | 0.90 | 0.93 | 0.95 | 0.70 | 0.73 | 0.78 | 0.80 | 0.81 | 0.83 |

Source: U.S. Census Bureau, Current Population Survey, March 2025.

[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 refer to 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.[11] 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 in the United States: 2024*, *Poverty in the United States: 2024*, and *Health Insurance Coverage in the United States: 2024* 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.

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

Nonresponse Bias in the CPS ASEC. Data users should exercise caution when comparing estimates for data years 2019, 2020, and 2021 from the reports or from the microdata files to those from other years due to the effects that the coronavirus (COVID-19) had on interviewing and response rates. The Census Bureau administers the CPS ASEC each year between February and April by telephone and in-person interviews, with most data collected in March. In 2020, data collection faced extraordinary circumstances due to the onset of the COVID-19 pandemic; the Census Bureau suspended in-person interviews and closed telephone contact centers. The response rate for the CPS basic household survey declined to 73 percent in March 2020, from 82 percent in March 2019.[12] Pre-pandemic response rates were regularly above 80 percent.

Although standard collection procedures have resumed, response rates remain below pre-pandemic levels. The response rate for the CPS basic household survey was 67 percent in March 2025.[13] Lower response rates could affect estimates if respondents differ from nonrespondents. Using administrative data, Census Bureau researchers have documented that nonrespondents in the 2020 to 2024 surveys are less similar to respondents than in earlier years.[14] For more details on how sample differences and the associated nonresponse bias impact income and official poverty estimates, refer to U.S. Census Bureau (2025b). The effects of data collection issues on 2020 health insurance coverage estimates are detailed in the working paper, U.S. Census Bureau (2020).

The CPS ASEC program creates weights designed to adjust for nonresponse and to control weighted counts to independent population estimates by age, sex, race, and Hispanic origin. However, the magnitude of the increase in (and differential nature of) post-pandemic nonresponse likely reduces their efficacy. Data users should be aware of and take these impacts into consideration when using the data.

Change in Processing System. Data users should exercise caution when comparing estimates from the CPS ASEC for data years 2018 through 2024 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 2019 through 2025 CPS ASEC estimates for data years 2018 through 2024 can be compared to the 2018 CPS ASEC Bridge Files[15], which contain data year 2017 estimates, and to the 2017 CPS ASEC Research Files[16], which contain estimates for data year 2016. The 2017 Research File

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12 For additional information, please refer to Bureau of Labor Statistics (2020).

13 This response rate is specifically for the March CPS and differs from the response rate obtained using the value in the "Nonresponse" section that is for the full CPS sample that was eligible for ASEC.

14 For additional information, please refer to Rothbaum & Bee (2021), U.S. Census Bureau (2021), U.S. Census Bureau (2022), U.S. Census Bureau (2023b), and U.S. Census Bureau (2024e).

15 For additional information on the 2018 CPS ASEC Bridge Files, please refer to the Documentation and User Notes in U.S. Census Bureau (2019b).

16 For additional information on the 2017 CPS ASEC Research Files, please refer to the Documentation and User Notes in U.S. Census Bureau (2019a).

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 estimates from the 2019 CPS ASEC through 2025 CPS ASEC.

Change in Questionnaire. In 2014, the ASEC questionnaire was redesigned 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.[17] 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.[18]

Change in Census-Based Controls. Data users should exercise caution when comparing estimates for 2024 from the microdata file or from the ASEC reports, *Income in the United States: 2024, Poverty in the United States: 2024,* and *Health Insurance Coverage in the United States: 2024* (which reflect 2020 Census-based controls[19]), with estimates from 2020 or earlier microdata files or ASEC Reports. Estimates from data years 2021 through 2024 (March 2022 CPS through March 2025 CPS, respectively) reflect 2020 Census-based controls. Estimates from data years 2011 through 2020 (March 2012 CPS through March 2021 CPS) reflect 2010 Census-based controls. Estimates from data years 2001 through 2010 (March 2002 CPS through March 2011 CPS) reflect 2000 Census-based controls and estimates from data years 1993 through 2000 (March 1994 CPS through March 2001 CPS) 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.

Users should also exercise caution because of changes caused by the phase-in of the 2010 Census files (refer to "Basic CPS").[20] 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)

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17 For more information, refer to U.S. Census Bureau (2019d).

18 For more details on the adjustment for these comparisons, refer to U.S. Census Bureau (2019e).

19 In recent decades, the decennial census has usually provided all the data necessary to produce the population base used in the population controls. However, changes in disclosure avoidance practices and delays in the 2020 Census necessitated changes to the data sources that produce the base population for the Vintage 2024 population estimates. The updated population controls use a Blended Base that draws on the 2020 Census, 2020 Demographic Analysis Estimates, and Vintage 2020 Postcensal Population Estimates. Please refer to U.S. Census Bureau (2024d) for more information on this methodology.

20 The phase-in process using the 2010 Census files began April 2014.

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 (2019c) 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 2024 (2025 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 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, refer to 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 in the United States: 2024, Poverty in the United States: 2024,* and *Health Insurance Coverage in the United States: 2024* 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: 2024* 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.[21]

**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.

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[21] Note that the confidence interval here is calculated in a different way than the confidence interval given in Illustration 2. 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.

There are two ways to calculate standard errors for the 2025 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 in the United States: 2024*, *Poverty in the United States: 2024,* and *Health Insurance Coverage in the United States: 2024* reports use replicate weights to calculate the margins of error of the estimates presented 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 2025 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:

$$\text{var}(\hat{\theta}_0) = \frac{4}{160}\sum_{i=1}^{160}(\hat{\theta}_i - \hat{\theta}_0)^2 \qquad (1)$$

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, refer to U.S. Census Bureau (2024c).

Replicate weights may be negative due to the family equalization adjustment in the ASEC weighting process.[22] The family equalization procedure adjusts person-level weights, mostly of males, to assign equal weights to partners, both married and unmarried. This adjustment equalizes the representation and estimated number of people in partnerships, while maintaining the overall civilian age, race, sex, and ethnicity population control totals. These adjustments may result in a negative weight for some person level records.

All replicate weights, including negative weights, can be used directly in Formula (1) to compute the variance of an estimate. However, when using software to compute variances, use caution, as some packages do not allow negative weights and removing them or setting them to zero may add bias to the variance estimate.

**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 5 through 13 provide illustrations for calculating standard errors;
- Table 14 provides GVF parameters for characteristics from the 2025 CPS ASEC;

[22] Please refer to U.S. Census Bureau (2019c) for more information on the ASEC weighting process and the family equalization adjustment.

- Tables 15 and 16 provide correlation coefficients for comparing estimates from consecutive years;
- Table 17 provides correlation coefficients between race and subgroups; and
- Tables 18 and 19 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 4 summarizes the relationship between the race/ethnicity group of interest and the GVF parameters to use in standard error calculations.

**Table 4. Estimation Groups of Interest and Generalized Variance Parameters**

| Race/ethnicity group of interest | Generalized variance parameters to use in standard error calculations |
|---|---|
| Total population[A] | Total |
| White alone, White alone or in combination (AOIC), or White non-Hispanic population[A] | 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[B] population | Hispanic[B] |
| Two or more races[C] – employment/unemployment and educational attainment characteristics | Black |
| Two or more races[C] – 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, information and parameters for calculations can be found under "Reliability of estimates from the CPS" at Bureau of Labor Statistics (2025). If the estimate is using ASEC data, the GVF parameters will come from the ASEC GVF table (Table 14).

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

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

Here *x* is the size of the estimate, and *a* and *b* are the parameters in Table 14 associated with the particular type of characteristic.

Illustration 1
Suppose there were 62,850,000 married-couple family households. Table 5 shows how to use the appropriate parameters from Table 14 and Formula (2) to estimate the standard error and confidence interval.

**Table 5. Illustration of Standard Errors of Estimated Numbers**

| | |
|---|---|
| Number of married-couple family households ($x$) | 62,850,000 |
| a-parameter ($a$) | -0.000008 |
| b-parameter ($b$) | 2,437 |
| Standard error | 349,000 |
| 90-percent confidence interval | 62,280,000 to 63,420,000 |

Source: U.S. Census Bureau, Current Population Survey, 2025 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_x = \sqrt{-0.000008 \times 62{,}850{,}000^2 + 2{,}437 \times 62{,}850{,}000}$$

which, rounded to the nearest thousand, is 349,000. The 90-percent confidence interval is calculated as 62,850,000 ± 1.645 × 349,000.

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 14 as indicated by the numerator.

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

$$s_{y,p} = \sqrt{\frac{b}{y}p(100-p)} \quad (3)$$

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 14 associated with the characteristic in the numerator of the percentage.

Illustration 2

The report, *Health Insurance Coverage in the United States: 2024*, shows that there were 27,110,000 out of 337,100,000 people, or 8.0 percent, who did not have health insurance. Table 6 shows how to use the appropriate parameter from Table 14 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 ($y$) | 337,100,000 |
| b-parameter ($b$) | 4,758 |
| Standard error | 0.10 |
| 90-percent confidence interval | 7.8 to 8.2 |

Source: U.S. Census Bureau, Current Population Survey, 2025 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{4{,}758}{337{,}100{,}000} \times 8.0 \times (100.0 - 8.0)} = 0.10$$

and the 90-percent confidence interval for the estimated percentage of people without health insurance is from 7.8 to 8.2 percent (i.e., 8.0 ± 1.645 × 0.10).

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

$$s_{|x_1 - x_2|} = \sqrt{{s_{x_1}}^2 + {s_{x_2}}^2 - 2r s_{x_1} s_{x_2}} \quad (4)$$

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 15 and 16 contain the correlation coefficient, $r$, for CPS year-to-year comparisons for CPS poverty, income, and health insurance estimates of numbers and proportions. Table 17 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 3

Suppose there were 29,980,000 men over age 24 who were never married and 10,760,000 men over age 24 who were divorced. The apparent difference is 19,220,000. Table 7 shows how to use Formulas (2) and (4) with $r = 0$ and the appropriate parameters from Table 14 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 | 29,980,000 | 10,760,000 | 19,220,000 |
| a-parameter ($a$) | -0.000009 | -0.000009 | - |
| b-parameter ($b$) | 3,047 | 3,047 | - |
| Standard error | 289,000 | 178,000 | 339,000 |
| 90-percent confidence interval | 29,500,000 to 30,460,000 | 10,470,000 to 11,050,000 | 18,660,000 to 19,780,000 |

Source: U.S. Census Bureau, Current Population Survey, 2025 Annual Social and Economic Supplement.

The standard error of the difference is calculated as

$$s_{|x_1 - x_2|} = \sqrt{289{,}000^2 + 178{,}000^2}$$

which, rounded to the nearest thousand, is 339,000. The 90-percent confidence interval around the difference is calculated as 19,220,000 ± 1.645 × 339,000. 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 4

The report, *Poverty in the United States: 2024,* shows that 11,020,000 out of 72,220,000 children, or 15.3 percent, were reported as in poverty in 2023, and that 10,350,000 out of 72,550,000 children, or 14.3 percent, were in poverty in 2024. The apparent difference is 1.0 percent. Table 8 shows how to use the appropriate parameter from Table 14, the correlation coefficient from Table 16, and Formulas (3) and (4) to estimate the standard errors and confidence intervals.

**Table 8. Second Illustration of Standard Errors of Estimated Differences**

| | 2023 ($x_1$) | 2024 ($x_2$) | Difference |
|---|---|---|---|
| Percentage of children in poverty ($p$) | 15.3 | 14.3 | 1.0 |
| Base ($y$) | 72,220,000 | 72,550,000 | - |
| b-parameter ($b$) | 5,813[A] | 4,166 | - |
| Correlation coefficient ($r$) | - | - | 0.45 |
| Standard error | 0.32 | 0.27 | 0.31 |
| 90-percent confidence interval | 14.8 to 15.8 | 13.9 to 14.7 | 0.5 to 1.5 |

Source: U.S. Census Bureau, Current Population Survey, 2024-2025 Annual Social and Economic Supplement.

[A] This value comes from the Source and Accuracy Statement for the 2024 Annual Social and Economic Supplement, Appendix H, Table 16 in U.S. Census Bureau (2024b). For additional information, refer to the "Year-to-Year Factors" section.

The standard error of the difference is calculated as

$$s_{|x_1-x_2|} = \sqrt{0.32^2 + 0.27^2 - 2 \times 0.45 \times 0.32 \times 0.27} = 0.31$$

and the 90-percent confidence interval around the difference is calculated as 1.0 ± 1.645 × 0.31. Since this interval does not include zero, we conclude with 90-percent confidence that the percentage of children in poverty in 2023 is significantly different than the percentage of children in poverty in 2024.

**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 5

The report, *Poverty in the United States: 2024*, shows that the number of families below the poverty level was 6,929,000 and the total number of families was 85,980,000. The ratio of families below the poverty level to the total number of families would be 0.081 or 8.1 percent. Table 9 shows how to use the appropriate parameters from Table 14 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**

| | In poverty ($x$) | Total ($y$) | Ratio (in percent) |
|---|---|---|---|
| Number of families | 6,929,000 | 85,980,000 | 8.1 |
| a-parameter ($a$) | -0.000010 | -0.000008 | - |
| b-parameter ($b$) | 2,755 | 2,437 | - |
| Standard error | 136,000 | 388,000 | 0.16 |
| 90-percent confidence interval | 6,705,000 to 7,153,000 | 85,340,000 to 86,620,000 | 7.8 to 8.4 |

Source: U.S. Census Bureau, Current Population Survey, 2025 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_{x/y} = \frac{6{,}929{,}000}{85{,}980{,}000}\sqrt{\left(\frac{136{,}000}{6{,}929{,}000}\right)^2 + \left(\frac{388{,}000}{85{,}980{,}000}\right)^2} = 0.0016 = 0.16\%$$

and the 90-percent confidence interval of the percentage is calculated as $8.1 \pm 1.645 \times 0.16$.

**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. (Refer to the "Standard Errors and Their Use" section 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 ($0 \le p \le 1$). 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 6</u>
The report, *Income in the United States: 2024*, shows that there were 134,800,000 households, and their income was distributed as shown in Table 10.

**Table 10. Distribution of Household Income for Illustration 6**

| Income level | Number of households | Cumulative number of households | Cumulative percent of households |
|---|---|---|---|
| Under $5,000 | 3,840,000 | 3,840,000 | 2.85% |
| $5,000 to $9,999 | 1,760,000 | 5,600,000 | 4.15% |
| $10,000 to $14,999 | 4,009,000 | 9,609,000 | 7.13% |
| $15,000 to $24,999 | 8,597,000 | 18,210,000 | 13.51% |
| $25,000 to $34,999 | 9,105,000 | 27,320,000 | 20.27% |
| $35,000 to $49,999 | 13,370,000 | 40,690,000 | 30.19% |
| $50,000 to $74,999 | 20,290,000 | 60,980,000 | 45.24% |
| $75,000 to $99,999 | 16,130,000 | 77,110,000 | 57.20% |
| $100,000 and over | 57,690,000 | 134,800,000 [A] | 100.00% [A] |

Source: U.S. Census Bureau, Current Population Survey, 2025 Annual Social and Economic Supplement.
[A] May not sum to totals due to rounding.

1. Using Formula (3) with $b$ = 3,330 from Table 14, the standard error of 50 percent on a base of 134,800,000 is about 0.25 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 49.75 and 50.25.

3. The lower and upper limits for the interval in which the percentage limits falls are $75,000 and $100,000, respectively.

   Then the estimated numbers of households with an income less than or equal to $75,000 and $100,000 are 60,980,000 and 77,110,000, respectively.

   Using Formula (6), the lower limit for the confidence interval of the median is found to be about (rounded to four significant digits)

$$X_{0.4975} = \frac{0.4975 \times 134{,}800{,}000 - 60{,}980{,}000}{77{,}110{,}000 - 60{,}980{,}000}(100{,}000 - 75{,}000) + 75{,}000 = 84{,}430$$

   Similarly, the upper limit is found to be about

$$X_{0.5025} = \frac{0.5025 \times 134{,}800{,}000 - 60{,}980{,}000}{77{,}110{,}000 - 60{,}980{,}000}(100{,}000 - 75{,}000) + 75{,}000 = 85{,}470$$

   Thus, a 68-percent confidence interval for the median income for households is from $84,430 to $85,470[23].

[23] Note that the median and confidence interval here does not match the median and confidence interval given in the report, *Income in the United States: 2024,* because the median and standard errors/margin of errors were calculated in two different ways. The median and margin of errors within the tables in the report are calculated using direct estimates, whereas the median and standard errors within the illustration are calculated using generalized variance estimates.

4. The standard error of the median is, therefore,

$$\frac{85{,}470 - 84{,}430}{2} = 520.0$$

**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.

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. Refer to the "Standard Errors of Data for Combined Years" section. Further, the *Income in the United States* and *Poverty in the United States* reports no longer present 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.[24] 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 14 by the state factor from Table 18. To determine a new state-level a-parameter ($a_{state}$), use the following:

(1) If the a-parameter from Table 14 is positive, multiply it by the state factor from Table 18.

(2) If the a-parameter in Table 14 is negative, calculate the new state-level a-parameter as follows:

[24] For additional information on the American Community Survey, please refer to U.S. Census Bureau (2024a).

$$a_{state} = \frac{-b_{state}}{POP_{state}} \quad (7)$$

where $POP_{state}$ is the state population found in Table 18.

Illustration 7

Suppose there were 14,290,000 people living in New York state who were born in the United States. Table 11 shows how to use Formulas (2) and (7) and the appropriate parameter, factor, and population from Tables 14 and 18 to estimate the standard error and confidence interval.

**Table 11. Illustration of Standard Errors of State Estimates**

| | |
|---|---|
| Number of people in New York born in the U.S. ($x$) | 14,290,000 |
| b-parameter ($b$) | 3,047 |
| New York state factor | 1.19 |
| State population | 19,678,700 |
| State b-parameter ($b_{state}$) | 3,626 |
| State a-parameter ($a_{state}$) | -0.000184 |
| Standard error | 119,000 |
| 90-percent confidence interval | 14,090,000 to 14,490,000 |

Source: U.S. Census Bureau, Current Population Survey, 2025 Annual Social and Economic Supplement.

Obtain the state-level b-parameter by multiplying the b-parameter, 3,047 by the state factor, 1.19. This gives $b_{state}$ = 3,047× 1.19 = 3,626. Obtain the needed state-level a-parameter by

$$a_{state} = \frac{-3{,}626}{14{,}290{,}000} = -0.000184$$

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, -0.000184 and 3,626, respectively. The standard error is given by

$$s_x = \sqrt{-0.000184 \times 14{,}290{,}000^2 + 3{,}626 \times 14{,}290{,}000}$$

which, rounded to the nearest thousand, is 119,000.

**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 19.

Illustration 8

The report, *Poverty in the United States: 2024*, shows that there were 15,690,000 of 131,324,757[25] people, or 11.9 percent, living in poverty in the South. Table 12 shows how to use Formula (3) and the appropriate parameter, factor, and population from Tables 14 and 19 to estimate the standard error and confidence interval.

**Table 12. Illustration of Standard Errors of Regional Estimates**

| | |
|---|---|
| Poverty rate in the South ($p$) | 11.9 |
| Base ($y$) | 131,324,757 |
| b-parameter ($b$) | 4,166 |
| South regional factor | 1.13 |
| Regional b-parameter ($b_{region}$) | 4,708 |
| Standard error | 0.19 |
| 90-percent confidence interval | 11.6 to 12.2 |

Source: U.S. Census Bureau, Current Population Survey, 2025 Annual Social and Economic Supplement.

Obtain the region-level b-parameter by multiplying the b-parameter, 4,166, by the South regional factor, 1.13. This gives $b_{region}$ = 4,166 × 1.13 = 4,708.

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, 4,708. The standard error is given by

$$s_{y,p} = \sqrt{\frac{4{,}708}{131{,}324{,}757} \times 11.9 \times (100 - 11.9)} = 0.19$$

and the 90-percent confidence interval of the poverty rate for people living in the South is calculated as $11.9 \pm 1.645 \times 0.19$.

**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:

$$state\ group\ factor = \frac{\sum_{i=1}^{n} POP_i \times state\ factor_i}{\sum_{i=1}^{n} POP_i} \quad (8)$$

where $POP_i$ and $state\ factor_i$ are the population and factor for state $i$ from Table 18. To obtain a new state group b-parameter ($b_{state\ group}$), multiply the b-parameter from Table 14

[25] Note that the populations provided in Table 19 are population controls and do not need to be rounded. The population controls will differ from the population estimates provided in the reports.

by the state group factor obtained by Formula (8). To determine a new state group a-parameter ($a_{state\ group}$), use the following:

(1) If the a-parameter from Table 14 is positive, multiply it by the state group factor determined by Formula (8).

(2) If the a-parameter in Table 14 is negative, calculate the new state group a-parameter as follows:

$$a_{state\ group} = \frac{-b_{state\ group}}{\sum_{i=1}^{n} POP_i} \tag{9}$$

Illustration 9
Suppose the state group factor for the state group Illinois-Indiana-Michigan was required. The appropriate factor would be

$$state\ group\ factor = \frac{12{,}554{,}014 \times 1.17 + 6{,}851{,}940 \times 1.11 + 10{,}054{,}888 \times 1.11}{12{,}554{,}014 + 6{,}851{,}940 + 10{,}054{,}888} = 1.14$$

**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

$$s_{\bar{x}} = \frac{s_x}{n} \tag{10}$$

where

$$s_x = \sqrt{\sum_{i=1}^{n} s_{x_i}^2 + 2r \sum_{i=1}^{n-1} s_{x_i} s_{x_{i+1}}} \tag{11}$$

and $s_{x_i}$ are the standard errors of the estimates $x_i$. Tables 15 and 16 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[26] (refer also to the "Accuracy of State Estimates" section). Two-year moving averages are recommended for these small population subgroups for comparisons across adjacent years.

Illustration 10

The report, *Poverty in the United States: 2024*, provides the percentages of families in poverty. Suppose the 2022-2024 3-year average percentage of families with female householder, no spouse present, in poverty was 22.2. Suppose the percentages and bases for 2022, 2023, and 2024 were 23.0, 21.8, and 21.8 percent and 15,040,000, 15,180,000, and 15,720,000, respectively. Table 13 shows how to use the appropriate parameters and correlation coefficients from Tables 14 and 16 and Formulas (3), (10), and (11) to estimate the standard errors and confidence intervals.

**Table 13. Illustration of Standard Errors of Data for Combined Years**

| | 2022 | 2023 | 2024 | 2022-2024 Average |
|---|---|---|---|---|
| Percentage of families with female householder, no spouse present, in poverty ($p$) | 23.0 | 21.8 | 21.8 | 22.2 |
| Base ($y$) | 15,040,000 | 15,180,000 | 15,720,000 | - |
| b-parameter ($b$) | 5,660[A] | 2,767[B] | 2,755 | - |
| Correlation coefficient ($r$) | - | - | - | 0.35 |
| Standard error | 0. 82 | 0.56 | 0.55 | 0.45 |
| 90-percent confidence interval | 21.7 to 24.3 | 20.9 to 22.7 | 20.9 to 22.7 | 21.5 to 22.9 |

Source: U.S. Census Bureau, Current Population Survey, 2023-2025 Annual Social and Economic Supplement.

A This value comes from the Source and Accuracy Statement for the 2023 Annual Social and Economic Supplement, Appendix H, Table 16 in U.S. Census Bureau (2023a). For additional information, refer to the "Year-to-Year Factors" section.

B This value comes from the Source and Accuracy Statement for the 2024 Annual Social and Economic Supplement, Appendix H, Table 16 in U.S. Census Bureau (2024b). For additional information, refer to the "Year-to-Year Factors" section.

The standard error of the 3-year average is calculated as

$$s_{\bar{x}} = \frac{1.35}{3} = 0.45$$

where

$$s_x = \sqrt{0.82^2 + 0.56^2 + 0.55^2 + (2 \times 0.35 \times 0.82 \times 0.56) + (2 \times 0.35 \times 0.56 \times 0.55)} = 1.35$$

The 90-percent confidence interval for the 3-year average percentage of families with a female householder, no spouse present, in poverty is $22.2 \pm 1.645 \times 0.45$.

[26] Estimates of characteristics of the Native Hawaiian and Other Pacific Islander (NHOPI) population 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.

**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 refer to Bureau of Labor Statistics (2018).

**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 14. Parameters for Computation of Standard Errors for People and Families: 2025 Annual Social and Economic Supplement

| Characteristics | Total | | White | | Black | | Asian, AIAN, NHOPI[A] | | Hispanic[B] | |
|---|---|---|---|---|---|---|---|---|---|---|
| | *a* | *b* | *a* | *b* | *a* | *b* | *a* | *b* | *a* | *b* |
| **PEOPLE** | | | | | | | | | | |
| Educational Attainment | -0.000011 | 3,742 | -0.000013 | 3,742 | -0.000044 | 3,742 | -0.000094 | 3,742 | -0.000055 | 3,742 |
| Employment[C] | -0.000013 | 2,481 | -0.000013 | 2,481 | -0.000117 | 3,601 | -0.000245 | 3,311 | -0.000087 | 3,316 |
| People by family income | -0.000020 | 6,829 | -0.000021 | 6,056 | -0.000081 | 6,900 | -0.000140 | 5,539 | -0.000091 | 6,242 |
| Income characteristics | | | | | | | | | | |
| Total | -0.000010 | 3,234 | -0.000011 | 3,234 | -0.000038 | 3,234 | -0.000082 | 3,234 | -0.000047 | 3,234 |
| Male | -0.000020 | 3,234 | -0.000022 | 3,234 | -0.000079 | 3,234 | -0.000167 | 3,234 | -0.000094 | 3,234 |
| Female | -0.000019 | 3,234 | -0.000022 | 3,234 | -0.000073 | 3,234 | -0.000159 | 3,234 | -0.000095 | 3,234 |
| Age | | | | | | | | | | |
| 15 to 24 | -0.000072 | 3,234 | -0.000085 | 3,234 | -0.000250 | 3,234 | -0.000500 | 3,234 | -0.000191 | 3,234 |
| 25 to 44 | -0.000036 | 3,234 | -0.000042 | 3,234 | -0.000129 | 3,234 | -0.000273 | 3,234 | -0.000161 | 3,234 |
| 45 to 64 | -0.000040 | 3,234 | -0.000046 | 3,234 | -0.000172 | 3,234 | -0.000391 | 3,234 | -0.000222 | 3,234 |
| 65 and over | -0.000053 | 3,234 | -0.000059 | 3,234 | -0.000296 | 3,234 | -0.000689 | 3,234 | -0.000525 | 3,234 |
| Health insurance | -0.000014 | 4,758 | -0.000016 | 4,513 | -0.000048 | 4,083 | -0.000117 | 4,616 | -0.000065 | 4,463 |
| Marital status, household and family | | | | | | | | | | |
| Some household members | -0.000009 | 3,047 | -0.000010 | 3,047 | -0.000036 | 3,047 | -0.000077 | 3,047 | -0.000045 | 3,047 |
| All household members | -0.000011 | 3,805 | -0.000013 | 3,805 | -0.000045 | 3,805 | -0.000096 | 3,805 | -0.000056 | 3,805 |
| Mobility (movers) | | | | | | | | | | |
| Educational attainment, labor force, marital status, household, family, and income | -0.000022 | 7,255 | -0.000025 | 7,255 | -0.000085 | 7,255 | -0.000183 | 7,255 | -0.000106 | 7,255 |
| US, county, state, region, or metropolitan statistical areas | -0.000022 | 7,255 | -0.000025 | 7,255 | -0.000085 | 7,255 | -0.000183 | 7,255 | -0.000106 | 7,255 |
| Below poverty | | | | | | | | | | |
| Total | -0.000012 | 4,166 | -0.000014 | 4,166 | -0.000049 | 4,166 | -0.000105 | 4,166 | -0.000061 | 4,166 |
| Male | -0.000025 | 4,166 | -0.000029 | 4,166 | -0.000102 | 4,166 | -0.000216 | 4,166 | -0.000121 | 4,166 |
| Female | -0.000024 | 4,166 | -0.000028 | 4,166 | -0.000094 | 4,166 | -0.000205 | 4,166 | -0.000123 | 4,166 |
| Age | | | | | | | | | | |
| Under 15 | -0.000069 | 4,166 | -0.000082 | 4,166 | -0.000221 | 4,166 | -0.000439 | 4,166 | -0.000241 | 4,166 |
| Under 18 | -0.000051 | 4,166 | -0.000060 | 4,166 | -0.000170 | 4,166 | -0.000351 | 4,166 | -0.000189 | 4,166 |
| 15 and over | -0.000015 | 4,166 | -0.000017 | 4,166 | -0.000062 | 4,166 | -0.000133 | 4,166 | -0.000072 | 4,166 |
| 15 to 24 | -0.000093 | 4,166 | -0.000109 | 4,166 | -0.000322 | 4,166 | -0.000645 | 4,166 | -0.000246 | 4,166 |
| 25 to 44 | -0.000046 | 4,166 | -0.000054 | 4,166 | -0.000167 | 4,166 | -0.000351 | 4,166 | -0.000208 | 4,166 |
| 45 to 64 | -0.000051 | 4,166 | -0.000059 | 4,166 | -0.000222 | 4,166 | -0.000504 | 4,166 | -0.000286 | 4,166 |
| 65 and over | -0.000068 | 4,166 | -0.000076 | 4,166 | -0.000382 | 4,166 | -0.000888 | 4,166 | -0.000676 | 4,166 |
| Unemployment[C] | -0.000017 | 3,244 | -0.000017 | 3,244 | -0.000117 | 3,601 | -0.000245 | 3,311 | -0.000087 | 3,316 |
| **FAMILIES, HOUSEHOLDS, OR UNRELATED INDIVIDUALS** | | | | | | | | | | |
| Income | -0.000015 | 3,330 | -0.000026 | 3,486 | -0.000106 | 3,265 | -0.000126 | 2,875 | -0.000073 | 2,580 |
| Marital status, household and family, educational attainment, population by age/sex | -0.000008 | 2,437 | -0.000012 | 2,416 | -0.000047 | 2,389 | -0.000059 | 2,188 | -0.000035 | 1,884 |
| Poverty | -0.000010 | 2,755 | -0.000018 | 2,878 | -0.000066 | 2,728 | -0.000077 | 2,391 | -0.000049 | 2,188 |

Source: U.S. Census Bureau, Current Population Survey, External data from the 2025 Annual Social and Economic Supplement and Internal Current Population Survey data files for the 2010 Design.

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

[B] Hispanics may be any race.

[C] The employment and unemployment parameters are estimated from internal Current Population Survey data files for the 2010 Design.

Notes: These parameters are to be applied to the 2025 Annual Social and Economic Supplement data. The White, Black, and Asian, AIAN, NHOPI parameters are calculated using the non-Hispanic population, but are to be used for both

alone and in combination race group estimates. 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 refer to the "Generalized Variance Parameters" section.

**Table 15. Current Population Survey Year-to-Year Correlation Coefficients for Income and Health Insurance Characteristics: Data Years 1960 to 2024**

| Characteristics | 1960-2000 (basic) or 2000 (expanded)-2024 | | 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 refer to the "Generalized Variance Parameters" section.

**Table 16. Current Population Survey Year-to-Year Correlation Coefficients for Poverty Characteristics: Data Years 1970 to 2024**

| Characteristics | 1972-83, 1984-2000 (basic) or 2000 (expanded)-2024 | | 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 refer to the "Generalized Variance Parameters" section.

**Table 17. Current Population Survey Correlation Coefficients Between Race and Subgroups: 2025 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 refer to the "Generalized Variance Parameters" section.

**Table 18. Factors and Populations for State Standard Errors and Parameters: 2025 Annual Social and Economic Supplement**

| State | Factor | Population | State | Factor | Population |
|---|---|---|---|---|---|
| Alabama | 1.11 | 5,097,948 | Montana | 0.21 | 1,124,671 |
| Alaska | 0.18 | 712,308 | Nebraska | 0.52 | 1,985,586 |
| Arizona | 1.25 | 7,531,974 | Nevada | 0.77 | 3,256,214 |
| Arkansas | 0.73 | 3,045,901 | New Hampshire | 0.33 | 1,396,783 |
| California | 1.28 | 39,027,960 | New Jersey | 1.15 | 9,456,226 |
| Colorado | 1.22 | 5,893,380 | New Mexico | 0.51 | 2,097,153 |
| Connecticut | 0.86 | 3,644,211 | New York | 1.19 | 19,678,700 |
| Delaware | 0.22 | 1,047,001 | North Carolina | 1.18 | 10,935,407 |
| District of Columbia | 0.17 | 698,811 | North Dakota | 0.17 | 781,578 |
| Florida | 1.14 | 23,237,526 | Ohio | 1.10 | 11,743,268 |
| Georgia | 1.15 | 11,047,267 | Oklahoma | 1.06 | 4,028,806 |
| Hawaii | 0.32 | 1,396,066 | Oregon | 1.07 | 4,232,527 |
| Idaho | 0.41 | 1,994,495 | Pennsylvania | 1.11 | 12,914,725 |
| Illinois | 1.17 | 12,554,014 | Rhode Island | 0.28 | 1,099,336 |
| Indiana | 1.11 | 6,851,940 | South Carolina | 1.07 | 5,440,958 |
| Iowa | 0.77 | 3,207,173 | South Dakota | 0.22 | 909,523 |
| Kansas | 0.82 | 2,917,037 | Tennessee | 1.10 | 7,174,193 |
| Kentucky | 1.13 | 4,521,561 | Texas | 1.32 | 31,083,423 |
| Louisiana | 1.01 | 4,505,472 | Utah | 0.53 | 3,508,537 |
| Maine | 0.39 | 1,390,727 | Vermont | 0.18 | 642,506 |
| Maryland | 1.15 | 6,188,647 | Virginia | 1.19 | 8,647,437 |
| Massachusetts | 1.10 | 7,089,764 | Washington | 1.18 | 7,898,072 |
| Michigan | 1.11 | 10,054,888 | West Virginia | 0.48 | 1,737,528 |
| Minnesota | 1.13 | 5,752,559 | Wisconsin | 1.13 | 5,911,070 |
| Mississippi | 0.69 | 2,886,871 | Wyoming | 0.16 | 580,031 |
| Missouri | 1.13 | 6,168,044 | | | |

Source: U.S. Census Bureau, Current Population Survey, Internal data files for the 2010 Design; U.S. Census Bureau, Population Estimates, March 2025.

Notes: The state population counts in this table are for the 0+ population.

**Table 19. Factors and Populations for Regional Standard Errors and Parameters: 2025 Annual Social and Economic Supplement**

| Region | Factor | Population |
|---|---|---|
| Midwest | 1.06 | 68,836,680 |
| Northeast | 1.07 | 57,312,978 |
| South | 1.13 | 131,324,757 |
| West | 1.12 | 79,253,388 |

Source: U.S. Census Bureau, Current Population Survey, Internal data files for the 2010 Design; U.S. Census Bureau, Population Estimates, March 2025.

Notes: The region population counts in this table are for the 0+ population.

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All online references accessed September 9, 2025.

# APPENDIX I

## Table: Historical Unweighted and Weighted Response Rates For the Annual Social and Economic Survey from 2015 to 2025

| Year | Unweighted Response Rate | Weighted Response Rate |
|---|---|---|
| 2025 | 60.07% | 62.02% |
| 2024 | 59.75% | 61.68% |
| 2023 | 60.16% | 62.71% |
| 2022 | 62.12% | 63.18% |
| 2021 | 65.67% | 66.58% |
| 2020 | 61.88% | 62.83% |
| 2019 | 68.33% | 69.04% |
| 2018 | 70.71% | 70.99% |
| 2017 | 74.26% | 74.21% |
| 2016 | 73.79% | 73.86% |
| 2015 | 75.81% | 75.78% |

Source: U.S. Census Bureau 2015-2025 CPS ASEC

# APPENDIX J

## Countries and Areas of the World

### 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) |
| 118 | Iceland | 206 | Cambodia |
| 119 | Ireland | 207 | China |
| 120 | Italy | 209 | Hong Kong |
| 126 | Netherlands | 210 | India |
| 127 | Norway | 211 | Indonesia |
| 128 | Poland | 212 | Iran |
| 129 | Portugal | 213 | Iraq |
| 130 | Azores | 214 | Israel |
| 132 | Romania | 215 | Japan |
| 134 | Spain | 216 | Jordan |
| 136 | Sweden | 217 | Korea |
| 137 | Switzerland | 218 | Kazakhstan |
| 138 | United Kingdom | 220 | South Korea |
| 139 | England | 222 | Kuwait |
| 140 | Scotland | 223 | Laos |
| 142 | Northern Ireland | 224 | Lebanon |
| 147 | Yugoslavia | 226 | Malaysia |
| 148 | Czech Republic | 228 | Mongolia |
| 149 | Slovakia | 229 | Nepal |
| 150 | Bosnia & Herzegovina | 231 | Pakistan |
| 151 | Croatia | 233 | Philippines |
| 152 | Macedonia | 235 | Saudi Arabia |
| 154 | Serbia | 236 | Singapore |

# APPENDIX J

## Countries and Areas of the World

| | |
|---|---|
| 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 | Colombia |
| 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 |

# APPENDIX K

## 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

# APPENDIX K

## HISTORICAL FILE INFORMATION

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 L

## User Notes

This section will contain information relevant to the 2025 ASEC file that becomes available after the file is released.