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2021 Annual Social and Economic (ASEC) Supplement

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ABSTRACT

Current Population Survey, 2021 Annual Social and Economic (ASEC) Supplement conducted by the Bureau of the Census for the Bureau of Labor Statistics. – Washington: U.S. Census Bureau [producer and distributor], 2021.

TYPE OF FILE

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

UNIVERSE DESCRIPTION

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

SUBJECT-MATTER DESCRIPTION

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

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

GEOGRAPHIC COVERAGE

States, regions and divisions are identified in their entirety. Within confidentiality restrictions; indicators are provided for 260 selected core-based statistical areas (CBSA), 44 selected combined statistical areas (CSA), 280 counties, and 40 central cities in multi-central city core-based statistical areas or combined statistical areas. Also within confidentiality restrictions, indicators are provided for metropolitan/nonmetropolitan, central city/balance metropolitan, and CBSA size.

TECHNICAL DESCRIPTION

File Structure: Hierarchical, Rectangular, Column-delimited

File Size:

Record Type	Record Number
Household (SAS/CSV)	90,759
Family (SAS/CSV)	73,151
Person (SAS/CSV)	163,543
ASCII (DAT)	327,453

REFERENCE MATERIAL

Current Population Survey, 2021 ASEC Technical Documentation. The documentation includes this abstract, pertinent information about the file, a glossary, code lists, and a data dictionary.

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

RELATED PRINTED REPORTS

Data from the ASEC Current Population Survey's file are published most frequently in the Current Population Reports P-20 and P-60 series. In addition, the following associated reports and tables have also been cleared for release: Income and Poverty, Health Insurance, Supplemental Poverty Measure, and Migration.
These reports can be accessed at *https://www.census.gov/library/publications.html*.

FILE AVAILABILITY

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

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

CONFIDENTIALITY

The microdata files were approved for release by the Census Bureau's Disclosure Review Board (DRB). CBDRB-FY21-280

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

OVERVIEW

Current Population Survey

Introduction

The Current Population Survey (CPS) is the source of the official Government statistics on employment and unemployment. The CPS has been conducted monthly for over 50 years. Currently, we interview about 54,000 households monthly, scientifically selected on the basis of area of residence to represent the nation as a whole, individual states, and other specified areas. Each household is interviewed once a month for four consecutive months one year, and again for the corresponding time period a year later. This technique enables us to obtain month-to-month and year-to-year comparisons at a reasonable cost while minimizing the inconvenience to any one household.

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

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

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

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

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

CPS Sample

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

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

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

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

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

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

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

Questionnaire

Questionnaire facsimiles of the 2021 ASEC Supplement are shown in Appendix D in this documentation.

Revisions to the ASEC Processing System

Starting in 2019

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

File Structure

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

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

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

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

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

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

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

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

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

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

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

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

C. If the household is Group Quarters:

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

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

Relationship of Current Population Survey Files to Publications

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

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

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

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

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

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

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

Household Record

Family Record

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

Family (Related Subfamily Record)

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

Family (Unrelated Subfamily) Record

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

Family (Persons Living With Nonrelatives) Record

Person 1 (Person Living With Nonrelatives) Record

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

Household Record

Family (Nonfamily Householder) Record

Person (Nonfamily Householder) Record

Family (Unrelated Subfamily) Record

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

Family (Person Living With Nonrelatives) Record

Person (Persons Living With Nonrelatives) Record

Figure 3. Illustration of Record Sequence for Group Quarters.

Household Record

Family (Persons Living With Nonrelatives) Record

Person (Persons Living With Nonrelatives) Record

Family (Unrelated Subfamily) Record

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

Geographic Limitations

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

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

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

Weights

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

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

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

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

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

MATCHING OF CPS ASEC FILES

Matching ASEC Files Across Years

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

Sample Selection

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

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

Matching Housing Units

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

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

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

Matching Person Records

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

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

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

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

Matching ASEC 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 2021 and 2020 ASEC Files

1. Every five years the CPS includes five-year migration questions along with the one-year migration questions. The 2020 ASEC person record contained the five-year items. These items were removed for 2021.

2. There are two additional variables containing information about the Economic Impact Payments sent out in 2020. See page 6C-31 of this document for information about EIP_CRD. See page 6C-66 of this document for information about SPM_EIP.

3. The top value for energy assistance amount (HENGVAL and SPM_ENGVAL) has increased from 5,000 to 10,000. This also increases the length of the variable on the ASCII version of the file.

4. Both ED_VAL and FEDTAX_AC increased in length on the ASCII version of the file.

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

Description of Method for Topcoding Income and Related Variables

The 2021 ASEC public use data file uses a method that swaps values between sample cases having incomes above a determined topcode value. This method of topcoding preserves the distribution of values above the topcode while maintaining adequate disclosure avoidance.

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

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

Rank Proximity Swapping
Threshold Amounts for Earnings and Income Fields

Income Source	Swap Threshold[1]
ANN_VAL	$72,000
CAP_VAL	$75,000
CHSP_VAL	$30,000
CSP_VAL	$20,400
DIS_VAL1	$50,000
DIS_VAL2	$50,000
DIV_VAL	$39,000
DST_VAL1	$90,000
DST_VAL2	$90,000
DST_VAL1_YNG	$100,000
DST_VAL2_YNG	$100,000
ED_VAL	$40,000
ERN_VAL	$350,000
FIN_VAL	$60,000
FRM_VAL	$70,000
TRDINT_VAL	$10,000
RINT_VAL1	$41,000
RINT_VAL2	$41,000
OI_VAL	$58,000
RNT_VAL	$80,000
SE_VAL	$100,000
SUR_VAL1	$100,000
SUR_VAL2	$100,000
PEN_VAL1	$84,000
PEN_VAL2	$84,000
WS_VAL	$65,000

Threshold Amounts for SPM Fields

Income Source	Swap Threshold[1]
PHIP_VAL	$15,000
PEMCPREM	$4,512
PHIP_VAL2	$15,000
PMED_VAL	$10,000
POTC_VAL	$2,000

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

Masking of Income Affects Recode Variables

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

HOW TO USE THE DATA DICTIONARY

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

Variables in the data dictionary are described by:

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

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

Record Type: Household

Variable	*Length*	*Position*	*Range*
Topic: Record Identifiers			
SubTopic: Record Type			
HRECORD	1	1	(1:1)

Record Type. Used to identify records on ascii file.

Values: 1 = HOUSEHOLD RECORD

Universe: All Households

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 2021 DDL

Notes: The (#) that follows the variable name is a dimension field which means that the variable has that number of separate fields and these variables are identified on the file as variable name1 thru variable name# (i.e. shi4 (16) will have 16 variables named shi41 thru shi416)

Record Type: *Family*

Variable	Description	Range
F_MV_FS	Family market value of food stamps *Values:* 0 = none; dollar amount *Universe:* HFOODSP = 1 and FTYPE ≠ 3 *Internal Notes:*	(0:24999)
F_MV_SL	Family market value of school lunch *Values:* 0 = none; dollar amount *Universe:* HFLUNCH = 1 and FTYPE ≠ 3 *Internal Notes:*	(0:9999)
F_SEQ	sequence number of family record in hhld *Values:* *Universe:* *Internal Notes:*	(01:16)
FAGEU18	own never married children under 18 by age *Values:* 0 = no own children under 18 1 = 1 or more, all under 6 2 = 1 or more, some under 6, some 6-17 3 = 1 or more, all 6-17 *Universe:* *Internal Notes:*	(0:3)
FAMLIS	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 *Internal Notes:*	(-1:4)
FANNVAL	family income - annuities *Values:* 0 = none; dollar amount *Universe:* FINC_ANN = 1 *Internal Notes:*	(0:9999999)
FCSPVAL	family income - child support *Values:* 0 = none; dollar amount *Universe:* FINC_CSP = 1 *Internal Notes:*	(0000000:9999999)

Variable	***Description***	***Range***
FDISVAL	family income - disability income *Values:* 0 = none; dollar amount *Universe:* FINC_DIS = 1 *Internal Notes:*	(0000000:9999999)
FDIVVAL	family income - dividend income *Values:* 0 = none; dollar amount *Universe:* FINC_DIV = 1 *Internal Notes:*	(0000000:9999999)
FDSTVAL	family income - retirement distributions *Values:* 0 = none; dollar amount *Universe:* FINC_DST = 1 *Internal Notes:*	(0000000:9999999)
FEARNS	EARNERS IN FAMILY *Values:* HUSBAND-WIFE FAMILIES 1 = NO EARNERS ONE EARNER 2 = HEAD EARNER 3 = SPOUSE EARNER 4 = OTHER FAMILY MEMBER TWO EARNERS 5 = HEAD AND SPOUSE ONLY 6 = HEAD AND OTHER FAMILY MEMBER ONLY 7 = HEAD IS NOT AN EARNER THREE OR MORE EARNERS 8 = HEAD AND SPOUSE ARE EARNERS 9 = HEAD IS EARNER, SPOUSE IS NOT 10 = HEAD IS NOT AN EARNER OTHER MALE-HEADED FAMILIES 11 = NO EARNERS ONE EARNER 12 = HEAD ONLY 13 = OTHER FAMILY MEMBER ONLY TWO EARNERS 14 = HEAD AND OTHER FAMILY MEMBER 15 = HEAD IS NOT AN EARNER THREE OR MORE EARNERS 16 = HEAD AND OTHER FAMILY MEMBERS 17 = HEAD IS NOT AN EARNER OTHER FEMALE-HEADED FAMILIES 18 = NO EARNERS ONE EARNER 19 = HEAD ONLY 20 = OTHER FAMILY MEMBER ONLY TWO EARNERS 21 = HEAD AND OTHER FAMILY MEMBER 22 = HEAD IS NOT AN EARNER THREE OR MORE EARNERS 23 = HEAD AND OTHER FAMILY MEMBERS 24 = HEAD IS NOT AN EARNER *Universe:* All Families *Internal Notes:*	(1:24)

Record Type: *Family*

Variable	*Description*	*Range*
FEARNVAL	total family earnings *Values:* 0 = none negative amt = income (loss) positive amt = income *Universe:* FINC_WS, FINC_SE OR FINC_FR = 1 *Internal Notes:*	(-999999:9999999)
FEDVAL	family income - education income *Values:* 0 = none dollar amount *Universe:* FINC_ED = 1 *Internal Notes:*	(0000000:9999999)
FFINVAL	family income - financial assistance income *Values:* 0 = none; dollar amount *Universe:* FINC_FIN = 1 *Internal Notes:*	(0000000:9999999)
FFPOS	Unique family identifier. This field plus FH_SEQ results in a unique family number for the file. *Values:* 01-39 = index for family identifier *Universe:* All Families *Internal Notes:*	(01:16)
FFRVAL	family income - farm income *Values:* 0 = none negative amt = income (loss) positive amt = income *Universe:* FINC_FR = 1 *Internal Notes:*	(-999999:9999999)
FH_SEQ	Household sequence number. Matches H_SEQ for same household *Values:* 00001-99999 = household sequence number *Universe:* All Families *Internal Notes:*	(00001:99999)
FHEADIDX	Index to person record of family head *Values:* 01-16 = Person sequence number (P_SEQ) for reference person *Universe:* All Families *Internal Notes:*	(1:16)
FHIP_VAL	Total amount paid in premiums by family *Values:* 0 - 9999999 *Universe:* All Families *Internal Notes:*	(0:9999999)
FHIP_VAL2	Total amount paid in premiums by family 2 *Values:* 0 - 9999999 *Universe:* All Families *Internal Notes:*	(0:9999999)

Variable	Description	Range
FINC_ANN	annuity income, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_CSP	child support income, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_DIS	disability income, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_DIV	dividend income, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_DST	retirement distributions, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_ED	education income, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_FIN	financial assistance, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_FR	farm self-employment, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_INT	interest income, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)

Variable	Description	Range
FINC_OI	other income, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_PAW	public assistance or welfare, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_PEN	pension income, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_RNT	rental income, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_SE	own business self-employment, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_SS	social security income, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_SSI	supplemental security income, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_SUR	survivor's income, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_UC	unemployment compensation, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)

Variable	***Description***	***Range***
FINC_VET	veterans' benefits, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_WC	workers compensation, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINC_WS	wage and salary, y/n *Values:* 1 = yes 2 = no *Universe:* All Families *Internal Notes:*	(0:2)
FINTVAL	family income - interest income *Values:* 0 = none; dollar amount *Universe:* FINC_INT = 1 *Internal Notes:*	(0000000:9999999)
FKIND	Kind of family *Values:* 1=Married couple family 2=Male reference person 3=Female reference person *Universe:* All Families *Internal Notes:*	(1:3)
FKINDEX	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 *Internal Notes:*	(1:4)
FLASTIDX	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 *Internal Notes:*	(1:16)
FMED_VAL	Total amount paid in medical expenses by family *Values:* 0 - 999999 *Universe:* All Families *Internal Notes:*	(0:9999999)
FMLASIDX	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 *Internal Notes:*	(1:16)

Variable	Description	Range
FMOOP	Family's total medical out of pocket expenditures. Sum of MOOP across family members. *Values:* 0 - 9999999 *Universe:* All Families *Internal Notes:*	(0:9999999)
FMOOP2	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 *Internal Notes:*	(0:9999999)
FOIVAL	family income - other income: such as foster child care, alimony, jury duty, armed forces reserve, severance pay, hobbies, or any other source *Values:* 0 = none; dollar amount *Universe:* FINC_OI = 1 *Internal Notes:*	(0:9999999)
FOTC_VAL	Total amount paid in over the counter expenses by family *Values:* 0 - 999999 *Universe:* All Families *Internal Notes:*	(0:9999999)
FOTHVAL	total other family income - All other types of income except FEARNVAL *Values:* 0 = none negative amt = income (loss) positive amt = income *Universe:* All Families *Internal Notes:*	(-999999:99999999)
FOWNU18	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 *Internal Notes:*	(0:9)
FOWNU23	number of own never married children under 23, for FHEADIDX. Primary family includes own children in related subfamily even if the child is the head of the subfamily. *Values:* 0 = none 1 = 1... 9 = 9 or more *Universe:* *Internal Notes:*	(0:9)
FOWNU6	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 *Internal Notes:*	(0:6)

Variable	***Description***	***Range***
FPAWVAL	family income - public assistance income *Values:* 0 = none; dollar amount *Universe:* FINC_PAW = 1 *Internal Notes:*	(0000000:9999999)
FPCTCUT	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 *Internal Notes:*	(0:20)
FPENVAL	family income - pension *Values:* 0 = none; dollar amount *Universe:* FINC_PEN = 1 *Internal Notes:*	(0:9999999)
FPERSONS	Number of persons in family. Primary families include related subfamily members. *Values:* 01-16 = Number of persons *Universe:* All Families *Internal Notes:*	(1:16)
FPOVCUT	ANNUAL FAMILY POVERTY THRESHOLD. If FTYPE = 3 then value comes from primary family *Values:* -1 = Not in poverty universe 1-60,000 = dollar amount *Universe:* All families and unrelated individuals aged 15 and older *Internal Notes:*	(-1:60000)
FRECORD	Record Type. Used to identify records on ascii file. *Values:* 2 = FAMILY RECORD *Universe:* All Families *Internal Notes:*	(2:2)
FRELU18	Related persons in family under 18 *Values:* 0 = None, not in universe 1 = 1 2 = 2 ... 9 = 9+ *Universe:* All Families *Internal Notes:*	(0:9)
FRELU6	Related persons in family under 6 *Values:* 0 = None, not in universe 1 = 1 2 = 2 ... 6 = 6+ *Universe:* All Families *Internal Notes:*	(0:6)
FRNTVAL	family income - rental income *Values:* 0 = none negative amt = income (loss) positive amt = income *Universe:* FINC_RNT = 1 *Internal Notes:*	(-999999:9999999)

Variable	***Description***	***Range***
FRSPOV	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) *Internal Notes:*	(0:14)
FRSPPCT	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) *Internal Notes:*	(0:60000)
FSEVAL	family income - self employment income *Values:* 0 = none negative amt = income (loss) positive amt = income *Universe:* FINC_SE = 1 *Internal Notes:*	(-999999:9999999)
FSPANISH	Reference person or spouse is Spanish, Hispanic, or Latino *Values:* 1 = YES 2 = NO *Universe:* All Families *Internal Notes:*	(1:2)
FSPOUIDX	Index to person record of family spouse *Values:* 00 = No spouse 01-16 = Person sequence number (P_SEQ) for spouse *Universe:* F_KIND = 1 *Internal Notes:*	(0:16)
FSSIVAL	family income - supplemental security income *Values:* 0 = none; dollar amount *Universe:* FINC_SSI = 1 *Internal Notes:*	(000000:999999)
FSSVAL	family income - social security *Values:* 0 = none; dollar amount *Universe:* FINC_SS = 1 *Internal Notes:*	(0000000:9999999)

Variable	***Description***	***Range***
FSUP_WGT	Householder or Reference Person weight *Values:* 2 implied decimals (example: 255212=2552.12) *Universe:* All Families *Internal Notes:* SEHSD file: Weight in thousands Internal file: 4 implied decimals	(000000000:9999999999)
FSURVAL	family income - survivor income *Values:* 0 = none; dollar amount *Universe:* FINC_SUR = 1 *Internal Notes:*	(0000000:9999999)
FTOP5PCT	top 5% of family income *Values:* 0 = niu (primary and secondary individuals) 1 = in top 5 pct 2 = not in top 5 pct *Universe:* All Families *Internal Notes:*	(0:2)

Variable	***Description***	***Range***
FTOT_R	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 *Internal Notes:*	(0:41)
FTOTVAL	Total family income *Values:* 0 = none negative amt = income (loss) positive amt = income *Universe:* All Families *Internal Notes:*	(-999999:99999999)
FTYPE	Family type *Values:* 1=Primary family 2=Nonfamily householder 3=Related subfamily 4=Unrelated subfamily 5=Secondary individual *Universe:* All Families *Internal Notes:*	(1:5)

Variable	***Description***	***Range***
FUCVAL	family income - unemployment compensation *Values:* 0 = none; dollar amount *Universe:* FINC_UC = 1 *Internal Notes:*	(0000000:9999999)
FVETVAL	family income - veteran payments *Values:* 0 = none; dollar amount *Universe:* FINC_VET = 1 *Internal Notes:*	(0000000:9999999)
FWCVAL	family income - worker's compensation *Values:* 0 = none; dollar amount *Universe:* FINC_WC = 1 *Internal Notes:*	(0000000:9999999)
FWORKERS	NUMBER OF WORKERS IN THE FAMILY 0 = NONE 1-16 = NUMBER OF WORKERS *Values:* *Universe:* *Internal Notes:*	(0:16)
FWSVAL	family income - wages and salaries *Values:* dollar amount *Universe:* FINC_WS = 1 *Internal Notes:*	(0000000:9999999)
H_SEQ	Household sequence number *Values:* 00001- 99999 .Household sequence number *Universe:* All Households *Internal Notes:*	(00001:99999)
I_FHIPVAL	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 *Internal Notes:*	(-1:3)
I_FHIPVAL2	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 *Internal Notes:*	(-1:3)

Variable	***Description***	***Range***
I_FMEDVAL	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 *Internal Notes:*	(-1:3)
I_FMOOP	Allocation flag for FMOOP *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Families *Internal Notes:*	(-1:3)
I_FMOOP2	Allocation flag for FMOOP2 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Families *Internal Notes:*	(-1:3)
I_FOTCVAL	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 *Internal Notes:*	(-1:3)
INS_REFPER	First 18+ person listed in the family by person sequence number (p_seq). Set to 0 if no 18+ persons are in the family *Values:* *Universe:* *Internal Notes:*	(0:16)
NUM_BRMS	number of bedrooms for this family computed based on hud guidelines *Values:* 0 = none 1-9 = bedrooms *Universe:* *Internal Notes:*	(0:9)

Variable	***Description***	***Range***
POVLL	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 *Internal Notes:*	(-1:14)
QSTNUM	qstnum from the basic cps sas dataset (questionnaire #) This is unique for every family and each person from the same hhld will have a matching number in person field qstnum *Values:* *Universe:* *Internal Notes:*	(1:299999)
HUECVD_EIP	Since April 1, 2020, have you or anyone in your household received a "stimulus payment," that is the coronavirus (COVID-19) related Economic Impact Payment from the Federal Government? *Values:* -3 = Refused -2 = Don't Know -1 = Not in universe 1 = Yes 2 = No *Universe:* All households *Internal Notes:*	(-3:2)
CHIPFAC	Apply factor to all Hispanic, NHNW and NHW with kids (6 implied decimals). *Values:* *Universe:* *Internal Notes:*	(-1000000:1000000)
CHIPMIS	New month in samples were assigned to the cases from the November and April samples to redistribute the sample. 1 - 8 = Month in sample *Values:* *Universe:* *Internal Notes:*	(1:8)

Variable	***Description***	***Range***
CTRLNUM	process control number *Values:* Chars 1-2 = '01' (CPS), '11' (SCHIP) Chars 3-4 = PSU State Chars 5-7 = PSU County Chars 8 = Frame Type: U = Unit G = GQ C = CI Chars 9-11 = Sample Designation Chars 12-15 = Sequence #1 (starting with 0001) Chars 16-17 = Sequence #2 (starting with 01) Chars 18 = Time of Interview 'M' = March Hispanic hhlds Blank = All other cases Char 19-24 = Blank *Universe:* *Internal Notes:*	(NA)
GEBWGT	BASIC CPS BASEWEIGHT (Length=9 with 4 implied decimal places) *Values:* *Universe:* *Internal Notes:*	(-4:999999999)
GECBSA	2010 CBSA Final Code Final 2013 Office of Management and Budget Metropolitan Statistical Area Code. OMB defines Core Based Statistical Areas (CBSAs) of two types: 1) Metropolitan Statistical Areas (MSA) [one or more adjacent counties containing at least one urban area with population > or = 50,000] and 2) Micropolitan Statistical Areas (MISA) [one or more adjacent counties containing at least one urban cluster with 10,000 < population < 50,000]. In both cases the counties included in the CBSA have a close economic and social relationships with the central county. VALID ENTRIES ---------- 10000 Min Value 59999 Max Value *Values:* *Universe:* *Internal Notes:*	(0:0,10000:59999)
GECBSAPC	CBSA Principal City Final Flag Indicates whether the County/MCD/Place is in a principal city *Values:* Y = In a principal city of CBSA N = Not in a principal city of CBSA (but is a principal city of a NECTA) blank = not in a principal city whether it is in a CBSA or not in a CBSA (and not a principal city of a NECTA) *Universe:* *Internal Notes:*	(-1:2)

Variable	***Description***	***Range***
GECBSARK	Final 2010 CBSA Within CSA Rank Final CBSAs ranked by Population within CSA. In New England, this will be Final NECTA ranked by population within CNECTA. VALID ENTRIES ---------- 01 Min Value 99 Max Value *Values:* *Universe:* *Internal Notes:*	(-1:9)
GECBSAST	CBSA Final Status *Values:* 1 = In a Core Based Statistical Area (CBSA)/Metropolitan Statistical Area (MSA) and in the principal city of the CBSA/MSA 2 = In a CBSA/MSA, but not in the principal city 3 = Not in a CBSA/MSA *Universe:* *Internal Notes:*	(-1:3)
GECBSASZ	CBSA Final Size A code which identifies two things. The 1st character represents the range of 2010 Census population of this CBSA. The 2nd character represents the range of 2010 Census population of this CBSA or CSA if the CBSA is part of the CSA. This will be NECTA Final Size within New England. 1 = <100,000 people 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 *Values:* *Universe:* *Internal Notes:*	( )
GECBSATY	CBSA Final Type This flag determines the type of CBSA (either MSA or MISA) for the CBSA Final Code 1 = Metropolitan Statistical Area (MSA) 2 = Micropolitan Statistical Area (MISA) *Values:* *Universe:* *Internal Notes:*	(-1:2)

Variable	***Description***	***Range***
GECHKDGT	Check digit VALID ENTRIES ---------- 0 Min Value 9 Max Value *Values:* *Universe:* *Internal Notes:*	(0:9)
GECO	2010 FIPS COUNTY CODE Federal Information Processing standards county (or county equivalent) code. Unique within FIPS state (Tabulation). 001 Min Value 840 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:840)
GECPSCHP	CPS/SCHIP Sample Flag Identifies whether in CPS or SCHIP sample 1 = Unit is in CPS sample 2 = Unit is in SCHIP sample *Values:* *Universe:* *Internal Notes:*	(1:2)
GECSA	Consolidated Statistical Area Code A code used to identify an area defined by the Office of Management and Budget as a federal statistical standard (2013). CSA's are made up of adjacent CBSAs *Values:* *Universe:* *Internal Notes:*	(0:0,100:599)
GEDESIGN	Design Flag Indicates which design a record is from 90 Indicates 1990 design record 00 Indicates 2000 design record *Values:* 90 = 1990 design record 00 = 2000 design record 10 = 2010 design record *Universe:* *Internal Notes:*	()

Variable	***Description***	***Range***
GEDIV	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 *Internal Notes:* Also on person file as of 2019 due to processing needs.	(0:9)
GEDTCBST	Gecbsast recode 1 = Metropolitan, Principal City 2 = Metropolitan, Balance Metropolitan 3 = Micropolitan 4 = Non-metropolitan/micropolitan *Values:* *Universe:* *Internal Notes:*	(1:4)
GEFPSPLC	FIPS Place Code *Values:* *Universe:* *Internal Notes:*	()
GEFRAME	Sampling Frame Indicates which sampling frame a hit is in *Values:* U = Unit Frame A = Area Frame G = GQ Frame P = Permit Frame C = Coverage Improvement *Universe:* *Internal Notes:*	()
GEMAFID	Master Address File ID *Values:* *Universe:* *Internal Notes:*	()
GEMCD	2010 County Subdivision - Minor Civil Division or Census County Division code (MCD/CCD) Census Minor Civil Division/Census County Division code. New Construction (NC) always filled in New England (NE); Maui HI 15004 ST-CO for Maui, HI blank No block assigned 00001 Min Value 99999 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:99999)

Variable	***Description***	***Range***
GENCC	NONINTERVIEW CLUSTER CODE A noninterview cluster number which groups Strat. PSUs into noninterview cells. *Note: Used for CPS weighting--contact DSMD (CPS Branch) for a list of codes 1 Min Value 999 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:999)
GENECTA	NECTA Final Code Final 2013 Office of Management and Budget New England City and Town Area (NECTA) Metropolitan Area defined in New England only. OMB defines NECTAs that are conceptually similar to Core Based Statistical Area CBSAs in New England. Again of two types: 1) NECTA Metropolitan Statistical Areas (one or more adjacent MCDs containing at least one. *Values:* *Universe:* *Internal Notes:*	(0,70300:79600,99999)
GENECTPC	2010 NECTA Principal City Final Flag Indicates whether the County/MCD/Place is in a principal city of NECTA (2013 definitions). This is only assigned in New England states. Blank = Not a place or ungeocoded Y = In a principal city N = Not in a principal city *Values:* *Universe:* *Internal Notes:*	(-1:2)
GENECTRK	NECTA Within CNECTA Rank Final NECTAs ranked by population within CNECTA *Values:* *Universe:* *Internal Notes:*	(-1:10)
GENECTST	NECTA Final Status 1 = In a 2010 NECTA in the 2010 Central City 2 = In a 2010 NECTA not in the 2010 Central City 3 = Not in a 2010 NECTA *Values:* *Universe:* *Internal Notes:*	(-1:3)

Variable	***Description***	***Range***
GENECTSZ	NECTA Size A code which identifies two things. The 1st character represents the range of 2010 Census population of this NECTA. The 2nd character represents the range of the 2010 Census population of this NECTA or CNECTA if the NECTA is part of a CNECTA. Final 2003 definition. 1st character = NECTA size 2nd character = NECTA/CNECTA size 1 = <100,000 people 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 *Values:* *Universe:* *Internal Notes:*	(0:0,11:77)
GENECTYP	NECTA Final Type This flag determines the type of NECTA (either MSA or MISA) for Final 2013 Office of Management and Budget Micropolitan Statistical Area Codes [See NECTA FINAL CODE] 1 = Metropolitan Statistical Area (MSA) 2 = Micropolitan Statistical Area (MISA) *Values:* *Universe:* *Internal Notes:*	(-1:2)
GENICELL	Noninterview cell code Indicates whether a unit is in a CBSA or not and whether the CBSA is in a principal city. *Values:* 1 = MSA in a principal city 2 = MSA not in a principal city 3 = Not in MSA *Universe:* All Households *Internal Notes:*	(1:3)
GENICL	TYPE OF NONINTERVIEW CLUSTER *Values:* 1 = MSA Cluster 2 = Non -MSA Cluster *Universe:* All Households *Internal Notes:*	(-4:2)
GEPHASE	Phase in Region, See UCF for valid values *Values:* *Universe:* *Internal Notes:*	(1:4)

Variable	***Description***	***Range***
GEPROB	Stratifictaion PSU unconditional probabilty of selection *Values:* *Universe:* *Internal Notes:*	()
GEREG	Region *Values:* 1 = Northeast 2 = Midwest 3 = South 4 = West *Universe:* All Households *Internal Notes:*	(1:4)
GEROT	A code assigned to each Hit to partition a sample into equal parts, CPS samples are partitioned into 8 representative subsamples. *Values:* *Universe:* *Internal Notes:*	(1:8)
GESBWGT	FULL SCHIPS BASEWEIGHT (Length=9 with 4 implied decimal places) The inverse of the probability of selection for the ultimate sampling unit. Reflects the initial baseweight, or the baseweight after any adjustments to sample size. *Values:* *Universe:* *Internal Notes:*	(00000000:999999999)
GESTCEN	Census state code *Values:* *Universe:* *Internal Notes:* Used for SAS files sent to DatatFerrett until 2020	(-4:0,11:95)
GESTFIPS	State FIPS code *Values:* 01-56 State code *Universe:* All Households *Internal Notes:*	(1:56)
GESTREC	STATE RECODE A code to identify the 53 areas with specified reliability requirements. This code is the FIPS State Code except in California and New York, which are recoded into the substate areas: Los Angeles, balance of California, New York City, and balance of New York. 01-56 State Codes 58 LA County 59 NYC 60 Bal CA 61 Bal NY *Values:* *Universe:* *Internal Notes:*	(1:61)

Variable	***Description***	***Range***
GESTRPSU	2000 STRATIFICATION PSU CODE A code used to identify a primary sampling unit (PSU). A PSU is a geographic sampling area made up of one or more contiguous counties or MCDs. This code is assigned to all PSUs including those not in sample. (Non-sample PSUs aren't on the database). 01001 Min Value 56999 Max Value *Values:* *Universe:* *Internal Notes:*	(1:99999)
GETABBLK	Block Code - 2010 Tabulation 2010 Census tabulation block number. For the Area and GQ frames, this code is used to identify the Blocks that make up a Combined Block. Old Construction only. Characters 1-4: 1000-9999 Characters 5-6: Blank or Alphabetic *Values:* *Universe:* *Internal Notes:*	( )
GETOPSU	2000 STRATIFICATION PSU TYPE A code indicating self representing/non self representing status for a Stratification PSU. 1 Self Representing 2 Non-self Representing *Values:* *Universe:* *Internal Notes:*	(1:2)
GETRCT	2010 Census Tract (2 implied decimals) Digits 1-4: = Tract/BNA Digits 5-6: = Suffix 0001 9499=Tract 9501 9999=BNA 00-99 = Suffix Tract number or block numbering area from the census. Includes suffix. Tract numbers are unique within FIPS County. VALID ENTRIES ---------- 000100 Min Value 999999 Max Value *Values:* *Universe:* *Internal Notes:*	(0:0,100:999999)
GETYPSMP	Type of Sample Area, see UCF for valid values *Values:* *Universe:* *Internal Notes:*	()

Variable	***Description***	***Range***
GEUAC	2000 Urban Area Code 9999=Not in urban area Identifies an urban area (a geographic entity consisting or a central place and adjacent densely populated area that contains at least 50,000 people with an over all population density of at least 1,000 persons per square mile) or a urban cluster (a geographic entity consisting of a central place and adjacent densely populated area that contain 2,500-49,999 people with an overall population density of at least 1,000 persons per square mile) VALID ENTRIES ---------- 00001 Min Value 99999 Max Value *Values:* *Universe:* *Internal Notes:*	(1:99999)
GEUASZ	2000 Urban Area Size A code which identifies the range of 2000 Census population of the Urban Area or Urban Cluster. 00 Not a place 01 0 People 02 1 24 03 25 99 04 100 199 05 200 249 06 250 299 07 300 499 08 500 999 09 1000 1499 10 1500 1999 11 2000 2499 12 2500 4999 13 5000 9999 14 10000 19999 15 20000 24999 16 25000 49999 17 50000 99999 18 100000 249999 19 250000 499999 20 500000 999999 21 1000000 2499999 22 2500000 4999999 23 >5000000 *Values:* *Universe:* *Internal Notes:*	(0:23)

Variable	***Description***	***Range***
GEUATYPE	Urban Area Type Identifies whether the Urban Area Code represents an urbanized area or an urban cluster. U = Urbanized Area C = Urban Cluster *Values:* *Universe:* *Internal Notes:*	()
GEUR	2010 URBAN/RURAL (UR) CODE A code which identifies whether a block or PAL line was defined as urban or rural at the time of the 2010 Census. 1 Urban 2 Rural *Values:* *Universe:* *Internal Notes:*	(1:2)
H_DUPFAC	duplication control factor (from dsmd) (CPS variable hwwcfac) 0.0-4.0 = duplication control factor (supplement processing value) *Values:* *Universe:* *Internal Notes:*	(0.0:4.0)
H_DUPLWT	(CPS variable hwwcwgt) weight after duplication control factor (4 implied decimal places) *Values:* *Universe:* *Internal Notes:*	(00000000:999999999)

Variable	***Description***	***Range***
H_FAMINC	family income (CPS variable hufaminc) note: if a nonfamily household (h-famind=0), income includes only that of householder. -1 = not in universe 0 = less than $5,000 1 = $5,000 to $7,499 2 = $7,500 to $9,999 3 = $10,000 to $12,499 4 = $12,500 to $14,999 5 = $15,000 to $19,999 6 = $20,000 to $24,999 7 = $25,000 to $29,999 8 = $30,000 to $34,999 9 = $35,000 to $39,999 10 = $40,000 to $49,999 11 = $50,000 to $59,999 12 = $60,000 to $74,999 13 = $75,000 to $99,999 14 = $100,000 to $149,999 15 = $150,000 and over 19 = value assigned *Values:* *Universe:* *Internal Notes:*	(-1:15,19:19)
H_HHNUM	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 *Internal Notes:*	(1:8)
H_HHTYPE	Type of household interview *Values:* 1 = Interview 2 = Type A non-interview 3 = Type B/C non-interview *Universe:* All Households *Internal Notes:*	(1:3)
H_LIVQRT	Type of living quarters (recode) *Values:* <u>Housing unit</u> 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 <u>Other Unit</u> 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 *Internal Notes:*	(01:12)
H_MIS	Month in sample *Values:* 1-8 = Month in sample *Universe:* All Households *Internal Notes:*	(1:8)

Variable	***Description***	***Range***
H_MONTH	Month of survey *Values:* 03=March *Universe:* All Households *Internal Notes:*	(03:03)
H_NIWT	CPS variable hwniwgt weight after application of non-interview factor (4 implied decimal places) *Values:* *Universe:* *Internal Notes:*	(00000000:999999999)
H_NUMFAM	note: this field does not include unrelated individuals - see hnumfam do not use as a family record index. number of families in hhld *Values:* 00 = not in universe 00-16 = number of families *Universe:* *Internal Notes:*	(00:16)
H_NUMPER	Number of persons in household *Values:* 00=Noninterview household 01-16 = Number of persons in HHLD *Universe:* H_HHTYPE = 1 *Internal Notes:*	(0:16)
H_RESPNM	Line number of household respondent *Values:* 0=Not in universe (non-interview or proxy respondent) 01-16=Line number *Universe:* All Households *Internal Notes:* -1= Not in universe, changed to 0 for public use file	(-1:16)
H_SEQ	Household sequence number *Values:* 00001- 99999=Household sequence number *Universe:* All Households *Internal Notes:*	(00001:99999)
H_TELAVL	Telephone available *Values:* 0 = Not in universe 1 = Yes 2 = No *Universe:* H_TELHHD = 2 *Internal Notes:* -1= Not in universe, changed to 0 for public use file	(-1:2)
H_TELHHD	Telephone in household *Values:* 0=Not in universe (non-interview) 1=Yes 2=No *Universe:* H_HHTYPE = 1 *Internal Notes:* -1= Not in universe, changed to 0 for public use file	(-1:2)

Variable	***Description***	***Range***
H_TELINT	Telephone interview acceptable *Values:* 0=Not in universe/No 1=Yes *Universe:* H_TELAVL = 1 *Internal Notes:* -1= Not in universe, changed to 0 for public use file	(0:1)
H_TENURE	Tenure *Values:* 0=Not in universe 1=Owned or being bought 2=Rented 3=No cash rent *Universe:* H_HHTYPE = 1 *Internal Notes:* -1 = not in universe, changed to 0 on public use file (and for all files beginning 2019)	(-1:3)
H_TYPE	Household type *Values:* 0=Non-interview household 1=Married couple primary family (neither spouse in Armed Forces) 2=Married couple primary family (one spouse in Armed Forces) 3=Unmarried civilian male primary family householder 4=Unmarried civilian female primary family householder 5=Primary family household - reference person in Armed Forces and unmarried 6=Civilian male nonfamily householder 7=Civilian female nonfamily householder 8=Nonfamily householder household-reference person in Armed Forces 9=Group quarters with families 10=Group quarters with secondary individuals only *Universe:* H_HHTYPE = 1 *Internal Notes:*	(0:10)
H_TYPEBC	Item 15 - Type B/C *Values:* 00=Interviewed or Type A <u>TYPE B</u> 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 <u>Type C</u> 11 = Demolished 12 = House or trailer moved 13 = Outside segment 14 = Converted to perm business or storage 15 = Merged 16 = Condemned 17 = Built after April 1, 1980 18 = Unused line of listing sheet 19 .= Other *Universe:* H_HHTYPE = 3 *Internal Notes:* -1 = not in universe, changed to 0 on public use file	(-1:19)
H_YEAR	Year of survey *Values:* 1999-2999 *Universe:* All Households *Internal Notes:*	(1999:2999)

Variable	***Description***	***Range***
H1LIVQRT	Allocation flag for H_LIVQRT *Values:* 0=No change 4=Allocated 7=Blank to NA - no error *Universe:* All Households *Internal Notes:*	(0:7)
H1TELAVL	Allocation flag for H_TELINT *Values:* 0=No change 1=Value to blank 4=Allocated *Universe:* All Households *Internal Notes:*	(0:4)
H1TELHHD	Allocation flag for H_TELHHD *Values:* 0=No change 1=Value to blank 4=Allocated *Universe:* All Households *Internal Notes:*	(0:4)
H1TELINT	Allocation flag for H_TELAVL *Values:* 0=No change 1=Value to blank 4=Allocated *Universe:* All Households *Internal Notes:*	(0:4)
H1TENURE	Allocation flag for H_TENURE *Values:* 0=No change 1=Value to blank 4=Allocated *Universe:* All Households *Internal Notes:*	(0:4)
HANN_YN	During 20.., did anyone receive income from an annuity? *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HANNVAL	household income - annuities *Values:* 0 = none; dollar amount *Universe:* HANN_YN = 1 *Internal Notes:*	(0:999999)
HBOND_VAL	Interest income amount, savings bonds *Values:* 0 = none; dollar amount *Universe:* All Households *Internal Notes:*	(0:999999)

Variable	***Description***	***Range***
HBOND_YN	Interest income, savings bonds, anyone? *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HCD_VAL	Interest income amount, money-market *Values:* 0 = none; dollar amount *Universe:* All Households *Internal Notes:*	(0:999999)
HCD_YN	Interest income, CDs, anyone? *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HCHCARE_VAL	Annual amount paid for child care by household members *Values:* 0 = none; dollar amount *Universe:* HCHCARE_YN = 1 *Internal Notes:*	(-1:999999)
HCHCARE_YN	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) *Internal Notes:*	(0:2)
HCHECK_VAL	Interest income amt, checking acct *Values:* 0 = none; 1:999999 dollar amount *Universe:* HCHECK_YN = 1 *Internal Notes:*	(0:999999)
HCHECK_YN	Interest income, checking, anyone y/n *Values:* 0 = NIU 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HCHIPMIS	New month in samples were assigned to the cases from the November and April samples to redistribute the sample. 1 - 8 = Month in sample *Values:* *Universe:* *Internal Notes:*	(1:8)

Variable	***Description***	***Range***
HCOV	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 *Internal Notes:*	(1:3)
HCSP_YN	During 20.. did anyone in this household receive: any child support payments? *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HCSPVAL	household income - child support *Values:* 0 = none; 1:999999 dollar amount *Universe:* HCSP_YN = 1 *Internal Notes:*	(0:9999999)
HDIS_YN	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 *Internal Notes:*	(0:2)
HDISVAL	household income - disability income *Values:* 0 = none; 1:9999999 dollar amount *Universe:* HDIS_YN = 1 *Internal Notes:*	(0:9999999)
HDIV_YN	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 *Internal Notes:*	(0:2)
HDIVVAL	household income - dividend income *Values:* 0 = none; 1:9999999 dollar amount *Universe:* HDIV_YN = 1 *Internal Notes:*	(0:9999999)
HDST_YN	Household retirement distribution income for people age 58 and over, y/n? *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)

Variable	***Description***	***Range***
HDSTVAL	household income - retirement distributions *Values:* 0 = niu 1 = yes 2 = no *Universe:* HDST_YN = 1 *Internal Notes:*	(0:9999999)
HEARNS	NUMBER OF EARNERS IN HOUSEHOLD *Values:* 0 = NONE 1-16 = NUMBER OF EARNERS *Universe:* All Households *Internal Notes:*	(0:16)
HEARNVAL	total household earnings *Values:* 0 = none negative amt = income (loss) positive amt = income *Universe:* HINC_WS, HINC_SE, or HINC_FR = 1 *Internal Notes:*	(-999999:99999999)
HED_YN	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 *Internal Notes:*	(0:2)
HEDVAL	household income - education income *Values:* 0 = none 1:9999999 dollar amount *Universe:* HED_YN = 1 *Internal Notes:*	(0:9999999)
HEFAMINC	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 *Internal Notes:*	(-1:16)

Variable	***Description***	***Range***
HEHOUSUT	"out" variable for livqrt & othunt *Values:* *Universe:* *Internal Notes:*	(-4:12)
HEIP_VAL	Amount of stimulus payments received since April 1, 2020 *Values:* 0 = No payments receiced 1-50000 = dollar amount *Universe:* HEIP_YN=1 *Internal Notes:*	(0:50000)
HEIP_YN	Any stimulus payments received since April 1, 2020? *Values:* 0 = Not in Universe 1 = Yes 2 = No *Universe:* All households *Internal Notes:*	(0:2)
HENGAST	The government has an energy assistance program which helps pay heating or cooling costs. This assistance can be received directly by the household or it can be paid directly to the electric company, gas company, or fuel dealer. In 20.., did anyone rec *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HENGVAL	Altogether, how much energy assistance has been received during, 20..? *Values:* 0 = none 1:10,000 = dollar amount *Universe:* HENGAST = 1 *Internal Notes:*	(0:10000)
HEPHONEO	Is a telephone interview acceptable? 0 No 1 Yes *Values:* *Universe:* *Internal Notes:*	(-4:2)
HES32B	Did reference person live at this address during interview week of (mover reference month)? (moversedit) -1 = niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(-1:2)

Variable	***Description***	***Range***
HES32D	Did any of the following household members live at this address during interview week of (mover reference month)? (moversedit) -1 = niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(-1:2)
HETELAVL	Is there a telephone elsewhere on which people in this household can be contacted? 1 Yes 2 No *Values:* *Universe:* *Internal Notes:*	(-4:2)
HETELHHD	Does this household/apartment have telephone service from which you can both make and receive calls? 1 Yes 2 No *Values:* *Universe:* *Internal Notes:*	(-4:2)
HETENURE	Tenure of living quarters *Values:* 1 = Owned or being bought by a HH member 2 = Rented for cash 3 = Occupied without payment of cash rent *Universe:* *Internal Notes:*	(-4:3)
HFDVAL	What was the value of all food stamps received during 20..? *Values:* 0 = none 1-30000 = dollar amount *Universe:* HFOODSP = 1 *Internal Notes:*	(0:30000)
HFIN_YN	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 *Internal Notes:*	(0:2)
HFINVAL	household income - financial assistance income *Values:* 0 = none; 1:9999999 dollar amount *Universe:* All Households *Internal Notes:*	(0:9999999)

Variable	***Description***	***Range***
HFL_665	0 = no 665 household match 1 = 1 or more 665 matched person records 2 = non-interview 665 matched to cps household 3 = 1 or more 665 force-matched person records *Values:* *Universe:* *Internal Notes:*	(0:3)
HFLUNCH	During 20.. how many of the children in this household received free or reduced price lunches because they qualified for federal school lunch program? *Values:* 0 = niu 1 = all or some 2 = none *Universe:* HHOTLUN = 1 *Internal Notes:*	(0:2)
HFLUNNO	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 *Internal Notes:*	(0:9)
HFOODMO	number months covered by food stamps *Values:* 0 = niu 1-12 = months *Universe:* HFOODSP = 1 *Internal Notes:*	(0:12)
HFOODNO	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 *Internal Notes:*	(0:9)
HFOODSP	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 *Internal Notes:*	(0:2)
HFRVAL	household income - farm income *Values:* 0 = none negative amt = income (loss) positive amt = income *Universe:* HINC_FR = 1 *Internal Notes:*	(-999999:99999999)
HH_HI_UNIV	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 *Internal Notes:*	(1:3)

Variable	***Description***	***Range***
HH5TO18	Recode: Number of persons in household age 5 to 18 *Values:* 00 = None 01-16 = Number persons 5 to 18 *Universe:* All Households *Internal Notes:*	(0:16)
HHINC	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 *Internal Notes:*	(0:41)
HHOTLUN	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 *Internal Notes:*	(0:2)

Variable	***Description***	***Range***
HHOTNO	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 *Internal Notes:*	(0:9)
HHPOS	Trailer portion of unique household ID. 00 for HH record. Same function in family record is field FFPOS (01-39). Same function in person record is PPPOS (41-79). *Values:* 00 = Household ID *Universe:* All households *Internal Notes:* Removed from Public Use in 2019, Should be rmoved from internal in the near future.	(00:00)
HHSTATUS	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 *Internal Notes:*	(0:3)
HINC_FR	farm self-employment, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HINC_SE	own business self-employment, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HINC_UC	unemployment compensation, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HINC_WC	workers compensation, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HINC_WS	wage and salary, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)

Variable	***Description***	***Range***
HINT_YN	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 *Internal Notes:*	(0:2)
HINTVAL	household income - interest income *Values:* 0 = none 1: 9999999 dollar amount *Universe:* HINT_YN = 1 *Internal Notes:*	(0:9999999)
HLORENT	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 *Internal Notes:*	(0:2)
HMCAID	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 *Internal Notes:*	(1:3)
HMM_VAL	Interest income amount, money-market *Values:* 0 = none 1:999999 dollar amount *Universe:* HMM_YN = 1 *Internal Notes:*	(0:999999)
HMM_YN	Interest income, money-market account, anyone *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HMNIWT	supplement version of h-niwt weight after application of non-interview factor (4 implied decimal places) *Values:* *Universe:* *Internal Notes:*	(00000000:999999999)

Variable	***Description***	***Range***
HMORT_YN	Presence of a primary mortgage, deed of trust, contract to purchase, or similar debt *Values:* 0 = Not in universe (Renter) 1 = Yes 2 = No *Universe:* H_TENURE = 1 (owner occupied) *Internal Notes:*	(0:2)
HMS_MIS	month in sample recoded from first digit of segment number. 1 = month in sample 1 ... 8 = month in sample 8 *Values:* *Universe:* *Internal Notes:*	(1:8)
HNUMFAM	Number of families in household *Values:* 00 = Noninterview household 01-16 = Number of families in HHLD *Universe:* H_HHTYPE = 1 *Internal Notes:*	(00:16)
HOI_YN	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 *Internal Notes:*	(0:2)
HOINT_VAL	Interest income amount, other type *Values:* 0 = none 1:999999 dollar amount *Universe:* HOINT_YN = 1 *Internal Notes:*	(0:999999)
HOINT_YN	Interest income, other type of account, anyone *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HOIVAL	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 *Internal Notes:*	(0:9999999)

Variable	***Description***	***Range***
HOTHVAL	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 *Internal Notes:*	(-999999:99999999)
HPAW_YN	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 *Internal Notes:*	(0:2)
HPAWVAL	household income - public assistance income amt *Values:* 0 = none 1:9999999 dollar amount *Universe:* HPAW_YN = 1 *Internal Notes:*	(0:99999999)
HPCTCUT	Recode - HHLD income percentiles *Values:* 0 = niu (group quarters) 1 = lowest 5 percent 2 = second 5 percent . . . 20 = top 5 percent *Universe:* All Households *Internal Notes:*	(0:20)
HPEN_YN	During 20.., did anyone receive any pension income from a previous employer or union? *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HPENVAL	household income - pension income *Values:* 0 = none 1:9999999 dollar amount *Universe:* All Households *Internal Notes:*	(0:9999999)
HPRES_MORT	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) *Internal Notes:*	(0:2)
HPRIV	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 *Internal Notes:*	(1:3)

Variable	***Description***	***Range***
HPROP_VAL	Estimate of current property value *Values:* 0 = none/niu - renter 1:9999999 dollar amount *Universe:* H_TENURE = 1 (owner occupied) *Internal Notes:*	(-1:9999999)
HPUB	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 *Internal Notes:*	(1:3)
HPUBLIC	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) *Internal Notes:*	(0:2)
HRECORD	Record Type. Used to identify records on ascii file. *Values:* 1 = HOUSEHOLD RECORD *Universe:* All Households *Internal Notes:*	(1:1)
HRETCBVAL	Retirement contribution amount *Values:* 0 = none 1:9999999 dollar amount *Universe:* HRETCBYN = 1 *Internal Notes:*	(-3:9999999)
HRETCBYN	Retirement contribution rec'd, anyone *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(-3:2)
HRHTYPE	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 *Internal Notes:* Same as ASEC variable H_TYPE	(00:10)

Variable	***Description***	***Range***
HRINTSTA	interview status *Values:* *Universe:* *Internal Notes:*	(1:4)
HRLONGID	longitudinal link id (for april supp. match) *Values:* *Universe:* *Internal Notes:*	( )
HRMARFAC	Flag noting the SCHIPS factor used in the weighting program and the reason for receiving a factor of 1.000 (moversedit) -1 = niu 1 = Factor = 1.000 Mover 2 = Factor = 1.000 Non-hispanic white only without children under 19 3 = Factor = 1.000 Non-hispanic white only with children under 19 where the only children are 0 years old and been born since the month in HUQTYPE 4 = Factor = 8/18 Hispanic 5 = Factor = 8/15 Non-hispanic non-white 6 = Factor = 8/15 Non-hispanic white with children under 19 and HRMARFAC not equal to 3 *Values:* *Universe:* *Internal Notes:*	(-1:6)
HRMONTH	interview month *Values:* *Universe:* *Internal Notes:*	()
HRMOVFLG	Flag noting whether the household is an interviewed mover household (moversedit) -1 = niu 1 = Mover 2 = non-Mover *Values:* *Universe:* *Internal Notes:*	(-1:2)
HRNEWCHD	White Non-Hispanic household with a newborn infant as their only child under 19 who was born since the month used for the mover reference date. 0 = not in universe 1 = new child(ren) only in Non-Hispanic White with children (LE 18 years old) household in the March regular sample {do not assign a SCHIPS weighting factor to this household} *Values:* *Universe:* *Internal Notes:*	(0:1)

Variable	***Description***	***Range***
HRNT_YN	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 *Internal Notes:*	(0:2)
HRNTVAL	household income - rental income amt *Values:* 0 = none negative dollar amount positive dollar amount *Universe:* HRNT_YN = 1 *Internal Notes:*	(-999999:99999999)
HRNUMHOU	number of household members *Values:* -4:99 *Universe:* All Households *Internal Notes:*	(-4:99)
HRNUMWIC	Number of people in the household receiving WIC *Values:* 0 = NIU 1:16 = number of people *Universe:* HRNUMWIC = 1 *Internal Notes:*	(0:16)
HRPSU	primary sampling unit 01001-56045 = psu number *Values:* *Universe:* *Internal Notes:*	(01001:56045)
HRRO	Regional Office 22 - New York 23 - Philadelphia 25 - Chicago 29 - Atlanta 31 - Denver 32 - Los Angeles *Values:* *Universe:* *Internal Notes:*	()
HRSAMPLE	Sample ID *Values:* *Universe:* *Internal Notes:*	()

Variable	***Description***	***Range***
HRSCHIPS	Chips recode (from CPS) *Values:* 1 = Regular March Sample 2 = March Hispanic Sample (from November) 3 = MIS 9 Case Interviewed in February 4 = MIS 9 Case Interviewed in April 5 = February (MIS 4 and 8) Split Path Sample 6 = April (MIS 1 and 5) Split Path Sample *Universe:* *Internal Notes:*	(1:6)
HRSEG	segment number 1010:8999 = segment number *Values:* *Universe:* *Internal Notes:*	(1000:8999)
HRSEQ1	Segment number - 2010 design *Values:* *Universe:* *Internal Notes:*	()
HRSEQ2	Segment number - 2010 design *Values:* *Universe:* *Internal Notes:*	()
HRSER	serial number 01-99 = serial number *Values:* *Universe:* *Internal Notes:*	(00:99)
HRSERSUF	serial suffix from character 14 of hecaseid a-z = suffix letter *Values:* *Universe:* *Internal Notes:*	()
HRSHPFLG	SCHIP sample selection flag 0 = not selected for sample 1 = selected, non-hispanic minority 2 = selected, non-hispanic white with child <= 18 3 = selected, hispanic 4 = selected, non-hispanic white without children <= 18 5 = non-interview *Values:* *Universe:* *Internal Notes:*	(1:5)

Variable	***Description***	***Range***
HRSITE		()
	Values: *Universe:* *Internal Notes:*	
HRTOI	Sample designation	()
	Values: *Universe:* *Internal Notes:*	
HRWICYN	At any time last year, (were you/was anyone in this household) on WIC, the Women, Infants, and Children Nutrition Program?	(0:2)
	Values: 0 = niu 1 = yes 2 = no *Universe:* Households with a female adult *Internal Notes:*	
HSAVE_VAL	Interest income amount, savings acct	(0:999999)
	Values: 1 = yes 2 = no *Universe:* HSAVE_YN = 1 *Internal Notes:*	
HSAVE_YN	Interest income, savings account, anyone y/n	(0:2)
	Values: 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	
HSEQ	household seq number - ASEC file set in family formation 00001-99999 = household sequence number	(00000:99999)
	Values: *Universe:* *Internal Notes:*	
HSEVAL	household income - self employment income	(-999999:99999999)
	Values: 0 = none negative dollar amount = income loss positive dollar amount = income *Universe:* HINC_SE = 1 *Internal Notes:*	
HSMORT_YN	Presence of a second mortgage or home equity loan	(0:4)
	Values: 0 = Not in universe 1 = Yes, home equity loan 2 = Yes, second mortgage 3 = Yes, second mortgage and home equity loan 4 = No *Universe:* H_TENURE = 1 (owner occupied) *Internal Notes:*	

Variable	***Description***	***Range***
HSS_YN	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 *Internal Notes:*	(0:2)
HSSI_YN	During 20.. did anyone in this household receive: any supplemental security income payments? *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HSSIVAL	household income - supplemental security income *Values:* 0 = none 1:9999999 dollar amount *Universe:* HSSI_YN = 1 *Internal Notes:*	(0:9999999)
HSSVAL	household income - social security *Values:* 0 = none 1:9999999 dollar amount *Universe:* HSS_YN = 1 *Internal Notes:*	(0:9999999)
HSUP_WGT	ASEC Supplement Final Weight *Values:* 2 implied decimals (example: 255212=2552.12) *Universe:* H_HHTYPE = 1 *Internal Notes:* SEHSD file: Weight in thousands Internal file: 4 implied decimals	(00000000:999999999)
HSUR_YN	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 *Internal Notes:*	(0:2)
HSURVAL	household income - survivor income *Values:* 0 = none 1:9999999 dollar amount *Universe:* HSUR_YN = 1 *Internal Notes:*	(0:99999999)
HTOP5PCT	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 *Internal Notes:*	(0:2)

Variable	Description	Range
HTOTVAL	total household income *Values:* 0 = none negative dollar amount positive dollar amount *Universe:* All Households *Internal Notes:*	(-999999:99999999)
HUANN_YN	Retirement income, annuities, y/n *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUBOND_YN	Interest income, savings bonds, anyone *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUCARE_EST	Child care - estimated amount *Values:* 0 = none 1:999999 dollar amount *Universe:* *Internal Notes:*	(-3:999999)
HUCARE_VAL	Child Care Expense Amount *Values:* 0 = none 1:9999999 dollar amount *Universe:* HUCARE_YN = 1 *Internal Notes:*	(-3:9999999)
HUCARE_YN	Child Care Expense, y/n *Values:* *Universe:* *Internal Notes:*	(-3:2)
HUCCAMT	Amount paid for Child care *Values:* -1 - NIU 0:99999 Dollar amount *Universe:* *Internal Notes:*	(-1:99999)
HUCCEST	Estimated child care payments in reference year *Values:* -1 - NIU 0 - 99999 Dollar amount *Universe:* *Internal Notes:*	(-1:99999)

Variable	***Description***	***Range***
HUCCFREQ	Periodicity of payment for child care *Values:* 0 - NIU 1 - Weekly 2 - Every Other Week 3 - Twice a month 4 - Monthly 7 - Yearly *Universe:* *Internal Notes:*	(0:7)
HUCCNUMPAY	Number of child care payments made *Values:* -1 - NIU 1 - 52 *Universe:* *Internal Notes:*	(-1:52)
HUCCOUT	Child care payments in reference year *Values:* -1 - NIU 0 - 99999 Dollar amount *Universe:* *Internal Notes:*	(-1:99999)
HUCCTOT	Child care verification *Values:* 0 - NIU 1 - Yes 2 - No *Universe:* *Internal Notes:*	(0:2)
HUCD_YN	Interest income, CDs, anyone y/n *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUCHECK_YN	Interest income, checking account, anyone y/n *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUCHRN23	old interviewer check item - household item 0 = nc, niu 1 = children under 23 present 2 = no children under 23 present *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable	***Description***	***Range***
HUCHRNSS	did anyone in this household receive any separate social security payments which we have not talked about for the children of this household? *Values:* 0 = nc, niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUCOL_YN	during 20.. did anyone in this household attend school beyond high school level including college, university or other schools? *Values:* 0 = nc, niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUCSP_YN	during 20.. did anyone in this household receive: any child support payments? 0 = nc, niu 1 = yes 2 = no *Values:* 0 = nc, niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUCSPCHILD	Anyone have children who lived elsewhere *Values:* -3:0 - NIU 1 - yes 2 - no *Universe:* All Households *Internal Notes:*	(-3:2)
HUCSPWHO (16)	Who had children that lived elsewhere? *Values:* 1 - 16 Person line number *Universe:* All Households *Internal Notes:*	(-1:16)
HUCVAL	household income - unemployment compensation *Values:* 0 = none 1-99999999 = dollar amount *Universe:* HINC_UC = 1 *Internal Notes:*	(0:9999999)
HUDIS_CK	old interviewer disability check item *Values:* 0 = nc, niu 1 = no to both hudis-hp and hudis-cs 2 = yes to either hudis-hp or hudis-cs *Universe:* All Households *Internal Notes:*	(0:2)
HUDIS_CS	is there anyone in this household who ever retired or left a job for health reasons? *Values:* 0 = nc, niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)

Variable	***Description***	***Range***
HUDIS_HP	does anyone in the household have a health problem or disability which prevents them from working or which limits the kind or amount of work they do? *Values:* 0 = nc, niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUDIV_YN	at any time during 20.. did anyone in this household: own any shares of stock in corporations or any mutual fund shares? *Values:* 0 = nc, niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUECVD_AMT	What was the amount of the stimulus payment(s) that you received for all the covered adults and children since April 1, 2020? *Values:* dollar value *Universe:* ECVD_COV eq <1-16,96,D,R> *Internal Notes:*	(-3:99999)
HUECVD_COV (16)	Who was the stimulus payment for? *Values:* 0 = No one 1-16 = Line number 96 = everyone *Universe:* ECVD_EIP eq 1 and NUMHOU > 1 *Internal Notes:*	(-3:96)
HUECVDMEAL	Did your children continue receiving free or reduced price meals through your school or school district if schools were closed during the coronavirus pandemic? *Values:* -3 = Refused -2 = Don't Know -1 = Not in universe 1 = Yes 2 = No 3 = Schools were not closed *Universe:* HUQ83 = 1-16, 96 *Internal Notes:*	(-3:3)
HUED_YN	did anyone receive any educational assistance for tuition, fees, books, or living expenses during 20..? *Values:* 0 = nc, niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUENGAST	The government has an energy assistance program which helps pay heating or cooling costs. This assistance can be received directly by the household or it can be paid directly to the electric company, gas company, or fuel dealer. In 20.., did anyone rec *Values:* 0 = nc, niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUENGVAL	altogether, how much energy assistance has been received during, 20..? *Values:* 0 = none; dollar amount *Universe:* All Households *Internal Notes:*	(0:25000)

Variable	***Description***	***Range***
HUFAMINC	I am going to read a list of income categories. 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 *Values:* 1 Less than $5,000 2 5,000 to 7,499 3 7,500 to 9,999 4 10,000 to 12,499 5 12,500 to 14,999 6 15,000 to 19, *Universe:* All Households *Internal Notes:*	(-4:16)
HUFDALMO	Food stamps were received all months last year *Values:* 0 = nc, niu 1 = all *Universe:* All Households *Internal Notes:*	(0:1)
HUFDVAL	what was the value of all food stamps received during 20..? *Values:* 0 = nc, niu 1-999,999 = value of food stamps *Universe:* All Households *Internal Notes:*	(0:999999)
HUFIN_YN	during 20.. did anyone in this household receive: any (other) regular financial assistance from friends or relatives not living in this household? *Values:* 0 = nc,niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUFINAL	final disposition of case (outcome codes) *Values:* *Universe:* *Internal Notes:*	(-4:259)
HUFLUNCH	during 20.. how many of the children in this household received free or reduced price lunches because they qualified for federal school lunch program? *Values:* -1 = niu 0 = nc 1 = all 2 = some, but not all 3 = none *Universe:* All Households with children *Internal Notes:*	(-1:3)
HUFLUNNO	number receiving free lunch *Values:* 0 = nc, niu 1 = one ... 9 = nine or more *Universe:* HUFLUNCH = 1,2 *Internal Notes:*	(0:9)
HUFMCARELY (16)	Flag for if person has medicare *Values:* *Universe:* *Internal Notes:*	()

Variable	***Description***	***Range***
HUFOODAL	how many of the people now living here were covered by food stamps during 20..? *Values:* 0 = nc, niu 1 = all *Universe:* HUFOODSP = 1 *Internal Notes:*	(0:1)
HUFOODMO	how many months of 20.. were food stamps received? *Values:* 0 = nc, niu 1 = one month ... 12 = twelve *Universe:* HUFOODSP = 1 *Internal Notes:*	(0:12)
HUFOODNO	item q88 - how many of the people now living here were covered by food stamps during 20..? *Values:* 0 = nc, niu 1 = one ... 9 = nine or more *Universe:* HUFOODSP = 1 *Internal Notes:*	(0:9)
HUFOODSP	did anyone in this household get food stamps at any time during 20..? *Values:* 0 = nc, niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUHADDZP	Zip code *Values:* *Universe:* *Internal Notes:*	()
HUHEALTHSTS	Health Status Introduction Screen *Values:* -1 = Non-interview or dropoff 1 = Achknowledged screen *Universe:* All households *Internal Notes:*	(-1:1)
HUHH32B	did ref. person live at this address during the week of november 19, last year? 0 = niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(-3:2)
HUHH32D	did any of the following hhld members live here during the week of november 19, last year? (hhld members with origin value 10-17) 0 = niu 1 = yes 2 = no edited after the match. *Values:* *Universe:* *Internal Notes:*	(-3:2)

Variable	***Description***	***Range***
HUHHNUM	HOUSEHOLD NUMBER Only if replacement household, number will increase by 1 if a replacement household. 1 8 Number of times a replacement household was used. 1 Min Value 8 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:8)
HUHINTRO	Health Insurance Intro *Values:* *Universe:* *Internal Notes:*	(1)
HUHOT_CK	old interviewer check item 0 = nc, niu 1 = all or some marked in item huhotlun 2 = none marked in item huhotlun *Values:* *Universe:* *Internal Notes:*	(0:2)
HUHOTLUN	during 20.. how many of the children in this household usually ate a complete hot lunch offered at school? *Values:* -1 = niu 0 = nc 1 = all 2 = some, but not all 3 = none *Universe:* All Households with children *Internal Notes:*	(-1:3)
HUHOTNO	number of children in household who usually ate hot lunch. *Values:* 0 = nc, niu 1 = 1 child 2 = 2 children 3 = 3 children 4 = 4 children 5 = 5 children 6 = 6 children 7 = 7 children 8 = 8 children 9 = 9 or more children *Universe:* HUHOTLUN = 1,2 *Internal Notes:*	(0:9)
HUINCDKR	Do the members of this family have an income above or below (30,000/50,000)? *Values:* -3 Refused -2 Don't know 1 Yes 2 No *Universe:* H_HHTYPE = 1 *Internal Notes:*	(-3:2)
HUINCSORD	Order of Income Source questions *Values:* 1 Default 2 Retired 3 Low income *Universe:* H_HHTYPE = 1 *Internal Notes:*	(1:3)
HUINTRDT	Interview Date *Values:* *Universe:* *Internal Notes:*	()

Variable		Description	Range
HUINUMB		interviewer's user id number *Values:* *Universe:* *Internal Notes:*	()
HUJOBPOL	(16)	Flag for if person is the policy holder of an employer-based plan *Values:* *Universe:* *Internal Notes:*	()
HUJOBPREM	(16)	Flag for if a policy holder of a job-based plan pays part or all of the premium *Values:* *Universe:* *Internal Notes:*	()
HUL51A1	(16)	Line numbers of persons receiving unemployment compensation *Values:* *Universe:* *Internal Notes:*	(-1:16)
HUL51A2	(16)	Line numbers of persons receiving Supplemental unemployment benefits *Values:* *Universe:* *Internal Notes:*	(-1:16)
HUL51A3	(16)	Line numbers of persons receiving union unemployment or strike benefits *Values:* *Universe:* *Internal Notes:*	(-1:16)
HUL52A1	(16)	Line numbers of persons receiving worker's compensation *Values:* *Universe:* *Internal Notes:*	(-1:16)
HUL56B	(16)	receive ss.payments,yes/no *Values:* *Universe:* *Internal Notes:*	()
HUL56G	(16)	receive ss.payments,yes/no *Values:* *Universe:* *Internal Notes:*	()
HUL57B	(16)	did you receive ssi *Values:* *Universe:* *Internal Notes:*	()

Variable		Description	Range
HUL57D	(16)	who recieved supplemental security income payment ? *Values:* *Universe:* *Internal Notes:*	(-5:16)
HUL58B	(16)	receive survivor income *Values:* *Universe:* *Internal Notes:*	()
HUL598	(16)	receive pub.asst,yes/no *Values:* *Universe:* *Internal Notes:*	()
HUL59B	(16)	hlth problem or disability *Values:* *Universe:* *Internal Notes:*	()
HUL608	(16)	receive veterans paymts,yes/no *Values:* *Universe:* *Internal Notes:*	()
HUL60B	(16)	left a job for health reasons *Values:* *Universe:* *Internal Notes:*	()
HUL62B	(16)	receive retirement income,yes/no *Values:* *Universe:* *Internal Notes:*	()
HUL65B	(16)	own/rent any property,yes/no *Values:* *Universe:* *Internal Notes:*	()
HUL66C	(16)	attend school, yes/no *Values:* *Universe:* *Internal Notes:*	()
HUL70B	(16)	receive chld sppt paymts *Values:* *Universe:* *Internal Notes:*	()

Variable		***Description***	***Range***
HUL72B	(16)	receive fin asst, yes/no *Values:* *Universe:* *Internal Notes:*	()
HUL73B	(16)	receive other income,yes/no *Values:* *Universe:* *Internal Notes:*	()
HUL96B	(16)	 *Values:* *Universe:* *Internal Notes:*	(0:16)
HUL97B	(16)	 *Values:* *Universe:* *Internal Notes:*	(0:16)
HUL99Ba	(16)	 *Values:* *Universe:* *Internal Notes:*	(0:16)
HUL99Bb	(16)	 *Values:* *Universe:* *Internal Notes:*	(0:16)
HUL99Bc	(16)	 *Values:* *Universe:* *Internal Notes:*	(0:16)
HUL99Bd	(16)	 *Values:* *Universe:* *Internal Notes:*	(0:16)
HUL99Be	(16)	 *Values:* *Universe:* *Internal Notes:*	(0:16)
HUL99Bf	(16)	 *Values:* *Universe:* *Internal Notes:*	(0:16)

Variable		Description	Range
HUL99Bg	(16)	*Values:* *Universe:* *Internal Notes:*	(0:16)
HULANGCODE		Language Code *Values:* *Universe:* All Households *Internal Notes:*	()
HULCSPW	(16)	Who had children that lived elsewhere *Values:* 1 - 16 Person line number *Universe:* *Internal Notes:*	(-3:16)
HULECVD_COV	(16)	Line number of those covered by stimulus *Values:* -1 = Not in universe 1-16 = Line number 96 = everyone *Universe:* HUECVD_COV1 gt 0 *Internal Notes:*	(-1:96)
HULORENT		Are you paying lower rent because the federal, state, or local government is paying part of the cost? *Values:* 0 = nc, niu 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUMARHIS		november hispanic hhld flag *Values:* *Universe:* *Internal Notes:*	(-4:2)
HUMEM518		old interviewer check item need prpertyp 0 = nc 1 = some household members 5 - 18 years old 2 = no household members 5 - 18 years old *Values:* *Universe:* *Internal Notes:*	(0:2)
HUMEMU15		old interviewer check item need prpertyp 0 = nc 1 = some household members under 15 years old 2 = no household members under 15 years old *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable		***Description***	***Range***
HUMI1RES			()
		Values: *Universe:* *Internal Notes:*	
HUMI1S			()
		Values: *Universe:* *Internal Notes:*	
HUMIGALL		There are other persons in this hhld ages 1 year or over. Did (all of these persons) live with reference person/you 1 year ago? 0 = niu 1 = yes, all live with reference person/you 2 = no, some or all did not live with reference/you *Values:* *Universe:* *Internal Notes:*	(0:3)
HUMIGCLM		Did (reference person/you) live inside the city limits? 0 = niu 1 = yes, inside city limits 2 = no, outside city limits or post office name only *Values:* *Universe:* *Internal Notes:*	(0:2)
HUMIGCN1		What country did reference person/you live in 1 year ago? *Values:* *Universe:* *Internal Notes:*	(0:696)
HUMIGCOU		What is the county name? *Values:* *Universe:* *Internal Notes:*	()
HUMIGM	(16)	Which of the other members of this household did not live with reference person/you 1 year ago? *Values:* *Universe:* *Internal Notes:*	(0:16)
HUMIGPLC		place *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
HUMIGRES	What was ... main reason for moving? *Values:* -3 = refused -2 = don't know 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 = attend/leave college 17 = change of climate 18 = health reasons 19 = natural disaster (hurricane, tornado, etc.) 20 = other reason *Universe:* *Internal Notes:*	(-3:20)
HUMIGSAM	Did reference person/you live in this house/apartment one year ago, that is on March 1, 20.. ? 0 = niu 1 = yes, this house (apt) 2 = no, different house in the u.s. 3 = no, outside the u.s. *Values:* *Universe:* *Internal Notes:*	(0:3)
HUMIGSTA	state *Values:* *Universe:* *Internal Notes:*	()
HUMIGZIP	*Values:* *Universe:* *Internal Notes:*	()
HUMISCK	MONTH IN SAMPLE CHECK 1-8 **Related Recode: HRMIS 1 Min Value 8 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:8)
HUMM_YN	Interest income, money market, anyone *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)

Variable	***Description***	***Range***
HUMORT_YN	Property mortgage - y/n *Values:* 0 = nc, niu 1 = yes 2 = no *Universe:* H_TENURE = 1 (owner occupied) *Internal Notes:*	(-3:2)
HUMORTYN	Presence of Mortgage *Values:* 0 - NIU 1 - Yes 2 - No *Universe:* H_TENURE = 1 (owner occupied) *Internal Notes:*	(0:2)
HUMS9SEL	Month household was selected for sample -1 = niu 08 = August 09 = September 10 = October *Values:* *Universe:* *Internal Notes:*	()
HUMST	humst *Values:* *Universe:* *Internal Notes:*	()
HUNDER15	Recode: Number of persons in household under age 15 *Values:* 00 = None 01-16 = Number persons under 15 *Universe:* H_HHTYPE=1 *Internal Notes:*	(0:16)
HUNDER18	Recode - Number of persons in HHLD under age 18 *Values:* 00 = None 01-16 = Number persons under 18 *Universe:* H_HHTYPE = 1 *Internal Notes:*	(0:16)
HUNITS	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 *Internal Notes:*	(0:5)
HUO_COUNTER (16)	Array to count how many plans have been reported by each person, by month. *Values:* *Universe:* *Internal Notes:*	(0:99999999999999999)

Variable		Description	Range
HUOINT_YN		Interest income, other type, anyone *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUOIR_YN		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:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUPAW_YN		At any time during 20.., even for one month, did anyone receive any CASH assistance from a state or county welfare program? *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUPEN_YN		Retirement income, pensions, y/n *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUPRIVPOL	(16)	Flag for if person is policy holder of a private plan *Values:* *Universe:* *Internal Notes:*	()
HUPROP_VAL		Property Value *Values:* 0 = none; dollar amount *Universe:* H_TENURE = 1 (owner occupied) *Internal Notes:*	(-3:99999999)
HUPUBLIC		item q85 - is this a public housing project, that is owned by a local housing authority or other public agency? *Values:* 0 = nc, niu 1 = yes 2 = no *Universe:* H_TENURE ne 1 (renter occupied) *Internal Notes:*	(0:2)
HUQ51A1		unemployment compensation? *Values:* *Universe:* *Internal Notes:*	()
HUQ51A1B	(16)	unemployment comp, who? *Values:* *Universe:* *Internal Notes:*	()

Variable		Description	Range
HUQ51A2		Supplemental Unemployment Benefits? *Values:* *Universe:* *Internal Notes:*	()
HUQ51A2B	(16)	SUB, who? *Values:* *Universe:* *Internal Notes:*	()
HUQ51A3		Union Unemployment or Strike Benefits? *Values:* *Universe:* *Internal Notes:*	()
HUQ51A3B	(16)	union, strike, who? *Values:* *Universe:* *Internal Notes:*	()
HUQ52A		Worker's comp received, anyone? *Values:* *Universe:* *Internal Notes:*	(-3:2)
HUQ52AB	(16)	worker's comp, who? *Values:* *Universe:* *Internal Notes:*	()
HUQ56A		soc security, anyone *Values:* *Universe:* *Internal Notes:*	()
HUQ56F		soc security for children, anyone *Values:* *Universe:* *Internal Notes:*	()
HUQ57A		did you receive ssi,yes/no *Values:* *Universe:* *Internal Notes:*	()
HUQ57D		did you receive ssi,yes/no *Values:* *Universe:* *Internal Notes:*	()

Variable	***Description***	***Range***
HUQ58A	survivor income, anyone *Values:* *Universe:* *Internal Notes:*	()
HUQ59A88	At any time during last year, even for one month, did (anyone in this household/you) receive any CASH assistance from a state or county welfare program such as (State Program Name)? INCLUDE CASH PAYMENTS FROM: WELFARE OR WELFARE TO WORK PROGRAMS,(STATE PROGRAM NAMES AND/OR ACRONYMS) TEMPORARY ASSISTANCE FOR NEEDY FAMILIES PROGRAM (TANF), AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC), GENERAL ASSISTANCE/ EMERGENCY ASSISTANCE PROGRAM, REFUGEE CASH AND MEDICAL ASSISTANCE PROGRAM, GENERAL ASSISTANCE FROM BUREAU OF INDIAN AFFAIRS OR TRIBAL ADMINISTERED GENERAL ASSISTANCE. DO NOT INCLUDE FOOD STAMPS, SSI, OR ENERGY ASSISTANCE PAYMENTS. -3 = Refused -2 = Don't know -1 = niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(-3:2)
HUQ59A89	receive pub.asst,yes/no *Values:* *Universe:* *Internal Notes:*	()
HUQ59AR	*Values:* *Universe:* *Internal Notes:*	(-3:2)
HUQ60A	retired b/c disability, anyone *Values:* *Universe:* *Internal Notes:*	()
HUQ60A88	veterans payments, anyone *Values:* *Universe:* *Internal Notes:*	()
HUQ62AR	Pension income, anyone? *Values:* *Universe:* *Internal Notes:*	(-3:2)

Variable		***Description***	***Range***
HUQ65A	(3)	own/rent any property,yes/no *Values:* *Universe:* *Internal Notes:*	()
HUQ66A		attend college, anyone *Values:* *Universe:* *Internal Notes:*	()
HUQ66B		education assistance, anyone *Values:* *Universe:* *Internal Notes:*	()
HUQ70A		child support, anyone *Values:* *Universe:* *Internal Notes:*	()
HUQ72A		financial assistance, anyone *Values:* *Universe:* *Internal Notes:*	()
HUQ73A1R		*Values:* *Universe:* *Internal Notes:*	(-3:2)
HUQ80	(10)	During 20.. which of the children ages 5 to 18 in this household usually ate a complete lunch offered at school? -5 = none -4 = all -1 = no more 1 - 16 = children line number *Values:* *Universe:* *Internal Notes:*	(-5:16)
HUQ83	(10)	During 20.. which of the children in this household received free or reduced price lunches because they qualified for the Federal School Lunch program ? -5 = none -4 = all -1 = no more 1 - 16 = children line number *Values:* *Universe:* *Internal Notes:*	(-5:16)

Variable		Description	Range
HUQ85		Is this public housing, that is, is it owned by a local housing authority or other public agency? 0 = niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(-5:2)
HUQ86		Are you paying lower rent because the Federal, State, or local government is paying part of the cost? 0 = niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(-5:2)
HUQ87ar		*Values:* *Universe:* *Internal Notes:*	(-3:2)
HUQ87r		*Values:* *Universe:* *Internal Notes:*	(-3:2)
HUQ88	(16)	which of the people now living here were covered by food stamps during last year? *Values:* *Universe:* *Internal Notes:*	(-5:16)
HUQ90		food assist., monthly value *Values:* *Universe:* *Internal Notes:*	()
HUQ902		*Values:* *Universe:* *Internal Notes:*	()
HUQ903		*Values:* *Universe:* *Internal Notes:*	()

Variable	***Description***	***Range***
HUQ904	*Values:* *Universe:* *Internal Notes:*	()
HUQ90P	What is the easiest way for you to tell us the value of the food stamps; monthly or yearly? 1 = Monthly 2 = Yearly 3 = Already included with TANF/AFDC payment *Values:* *Universe:* *Internal Notes:*	(-4:3)
HUQ90RN1	*Values:* *Universe:* *Internal Notes:*	(-3:3)
HUQ90rn2	*Values:* *Universe:* *Internal Notes:*	(-3:3)
HUQ90T	value of food stamps *Values:* *Universe:* *Internal Notes:*	()
HUQ93	The government has an energy assistance program which helps pay heating 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. Since October 1, of last year, (have you/has this household) received assistance of this type from the federal, state, or local government? 0 = niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(-5:2)
HUQ93PR1	Do you remember receiving an additional check or unexpected check that was sent during the winter to help pay heating costs? 0 = niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(-5:2)

Variable		***Description***	***Range***
HUQ93PR2		Was it used to pay heating costs? 0 = niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(-5:2)
HUQ94		energy assistance amount *Values:* *Universe:* *Internal Notes:*	()
HUQ94RN1		 *Values:* *Universe:* *Internal Notes:*	(-3:3)
HUQ94rn2		 *Values:* *Universe:* *Internal Notes:*	(-3:3)
HUQ95		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)? 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(-3:2)
HUQ95A	(16)	Which children needed care while their parents worked? -3 = refused -2 = don't know 0-16 = line number of the child needed care while their parents worked *Values:* *Universe:* *Internal Notes:*	(-5:16)
HUQ96AR		 *Values:* *Universe:* *Internal Notes:*	(-3:2)
HUQ96BR	(16)	 *Values:* *Universe:* *Internal Notes:*	(-3:16)

Variable		***Description***	***Range***
HUQ97AR			(-3:2)
		Values: *Universe:* *Internal Notes:*	
HUQ97BR	(16)		(-3:16)
		Values: *Universe:* *Internal Notes:*	
HUQ99ARa			(-3:2)
		Values: *Universe:* *Internal Notes:*	
HUQ99ARb			(-3:2)
		Values: *Universe:* *Internal Notes:*	
HUQ99ARc			(-3:2)
		Values: *Universe:* *Internal Notes:*	
HUQ99ARd			(-3:2)
		Values: *Universe:* *Internal Notes:*	
HUQ99ARe			(-3:2)
		Values: *Universe:* *Internal Notes:*	
HUQ99ARf			(-3:2)
		Values: *Universe:* *Internal Notes:*	
HUQ99ARg			(-3:2)
		Values: *Universe:* *Internal Notes:*	
HUQ99Ba	(16)		(-3:16)
		Values: *Universe:* *Internal Notes:*	

Variable		***Description***	***Range***
HUQ99Bb	(16)	*Values:* *Universe:* *Internal Notes:*	(-3:16)
HUQ99Bc	(16)	*Values:* *Universe:* *Internal Notes:*	(-3:16)
HUQ99Bd	(16)	*Values:* *Universe:* *Internal Notes:*	(-3:16)
HUQ99Be	(16)	*Values:* *Universe:* *Internal Notes:*	(-3:16)
HUQ99Bf	(16)	*Values:* *Universe:* *Internal Notes:*	(-3:16)
HUQ99Bg	(16)	*Values:* *Universe:* *Internal Notes:*	(-3:16)
HUQOIA	(16)	*Values:* *Universe:* *Internal Notes:*	(-3:16)
HUQTYPE		Random month used for fill in March mover question 0 = niu 1 = August 2 = September 3 = October 4 = November 5 = November *Values:* *Universe:* *Internal Notes:*	(0:5)
HUQTYPE2		Flag variable used for selection *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
HURESPLI	LINE NUMBER OF THE CURRENT RESPONDENT. 0 Min Value 16 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:99)
HURINT_YN	Interest income, retrement, anyone y/n *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HURIPFLG	does anyone in this household wish to have their dependent data withheld from view? 0 = niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
HURIPLNO	line number of person wishing to have their dependent data witheld from view? 0 = niu 1 - 16 = line number *Values:* *Universe:* *Internal Notes:*	(0:16)
HURNDRSP	random number <= 375000 is 3/8 random number > 375000 is 5/8 *Values:* *Universe:* *Internal Notes:*	(0:999999)
HURNT_Y (3)	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:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUSAVE_YN	Interest income, savings account, anyone *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUSMORT_YN	Second mortgage, - y/n *Values:* 0 - NIU 1 - Yes, Home Equity Loan 2 - Yes, Second Mortgage 3 - Yes, Second Mortgage and Home Equity Loan 4 - No *Universe:* H_TENURE = 1 (owner occupied) *Internal Notes:*	(0:4)

Variable		***Description***	***Range***
HUSMORTYN		Presence of Second Mortgage 0 - NIU 1 - Yes, Home Equity Loan 2 - Yes, Second Mortgage 3 - Yes, Second Mortgage and Home Equity Loan 4 - No *Values:* *Universe:* *Internal Notes:*	(0:4)
HUSPHS8		*Values:* *Universe:* *Internal Notes:*	()
HUSS_YN		during 20.. did anyone in this household receive: any social security payments from u.s. government? *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUSSI_YN		during 20.. did anyone in this household receive: any SSI payments, that is, Supplemental Security Income? *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUSUNITS		units *Values:* *Universe:* *Internal Notes:*	()
HUSUR_YN		did anyone in this household receive any survivor benefits in 20.. Such as widow's pensions, estates, trusts, insurance annuities, or other survivor benefits? *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HUSWRW	(16)	Who received WIC? *Values:* -3 = refused -2 = don't know 0-16 = line numbers of persons for whom yes was the response in HUSWRWIC *Universe:* Households with a child less than 6 years old *Internal Notes:*	(-5:16)
HUSWRWIC		At any time during 20.., (were you/was anyone in this household) on WIC, the Women, Infants, and Children Nutrition Program? *Values:* 1 = yes 2 = no *Universe:* Households with a child less than 6 years old *Internal Notes:*	(-5:2)

Variable	***Description***	***Range***
HUTRANFL	TRANSITION CASE FLAG 0 = Non-transition case 1 = Transition case *Values:* *Universe:* *Internal Notes:*	(-4:12)
HUUNITS	item sunits - how many units in the structure 0 = nc 1 = 1 unit 2 = 2 units 3 = 3 - 4 units 4 = 5 - 9 units 5 = 10+ units *Values:* *Universe:* *Internal Notes:*	(0:5)
HUVALPROP	Value of the property *Values:* -1 - NIU 0 - 9999999 Dollar value *Universe:* H_TENURE = 1 (owner occupied) *Internal Notes:*	(-1:9999999)
HUVALPROPR	Property Value Range *Values:* -3 = refused -2 = don't know -1 = niu 1 = Less than $100,000 2 = Between $100,000 and $250,000 3 = Between $250,000 and $500,000 4 = $500,000 or more *Universe:* H_TENURE = 1 (owner occupied) *Internal Notes:*	(-3:4)
HUVET_YN	at any time during 20.. did anyone receive: Any Veterans' (VA) payments? *Values:* 1 = yes 2 = no *Universe:* All Households *Internal Notes:*	(0:2)
HVET_YN	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 *Internal Notes:*	(0:2)
HVETVAL	household income - veteran payments *Values:* 0 = none 1-9999999 = dollar amount *Universe:* HVET_YN = 1 *Internal Notes:*	(0:9999999)
HWCVAL	household income - worker's compensation *Values:* 0 = none dollar amount *Universe:* HINC_WC = 1 *Internal Notes:*	(0:99999999)

Variable	***Description***	***Range***
HWSVAL	household income - wages and salaries *Values:* 0 = none dollar amount *Universe:* HINC_WS = 1 *Internal Notes:*	(0:9999999)
HWWCFAC	weighting control factor (6 implied decimal places) *Values:* *Universe:* *Internal Notes:*	(-4:40000)
HWWCWGT	weight after duplication control factor (4 implied decimal places) *Values:* *Universe:* *Internal Notes:*	(00000000:999999999)
HXHOUSUT	*Values:* *Universe:* *Internal Notes:*	(-4:53)
HXPHONEO	*Values:* *Universe:* *Internal Notes:*	(-4:53)
HXS32B	Edit flag for HES32B (moversedit) *Values:* 00 VALUE - NO CHANGE 01 BLANK - NO CHANGE 02 DON'T KNOW - NO CHANGE 03 REFUSED - NO CHANGE 10 VALUE TO VALUE 11 BLANK TO VALUE 12 DON'T KNOW TO VALUE 13 REFUSED TO VALUE 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:* *Internal Notes:*	(-1:53)

Variable	Description	Range
HXS32D	Edit flag for HES32B (moversedit) *Values:* 00 VALUE - NO CHANGE 01 BLANK - NO CHANGE 02 DON'T KNOW - NO CHANGE 03 REFUSED - NO CHANGE 10 VALUE TO VALUE 11 BLANK TO VALUE 12 DON'T KNOW TO VALUE 13 REFUSED TO VALUE 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:* *Internal Notes:*	(-1:53)
HXTELAVL	*Values:* *Universe:* *Internal Notes:*	(-4:53)
HXTELHHD	*Values:* *Universe:* *Internal Notes:*	(-4:53)
HXTENURE	*Values:* *Universe:* *Internal Notes:*	(-4:53)
I_CHCAREVAL	Allocation flag for HCHCARE_VAL *Values:* 0 = No allocation 1 = Allocated *Universe:* HCHCARE_VAL > 0 *Internal Notes:*	(0:1)
I_HEIPVAL	Allocation flag for HEIP_VAL *Values:* 0 = not allocated 1 = allocated *Universe:* HEIP_YN = 1 *Internal Notes:*	(0:1)
I_HEIPYN	Allocattion flag for HEIP_YN *Values:* 0 = not allocated 1 = allocated *Universe:* HEIP_YN > 0 *Internal Notes:*	(0:1)

Variable	Description	Range
I_HENGAS	Allocation flag for HENGAST *Values:* 0 = No allocation 1 = Allocated *Universe:* HENGSAT > 0 *Internal Notes:*	(0:1)
I_HENGVA	Allocation flag for HENGVAL *Values:* 0 = No allocation 1 = Allocated 2 = Allocated with range response *Universe:* HENGAST = 1 *Internal Notes:*	(0:2)
I_HFDVAL	Allocation flag for HFDVAL *Values:* 0 = No allocation 1 = Allocated 2 = Allocated with range response *Universe:* HFDVAL > 0 *Internal Notes:*	(0:2)
I_HFLUNC	Allocation flag for HFLUNCH *Values:* 0 = No allocation 1 = Allocated *Universe:* HFLUNCH > 0 *Internal Notes:*	(0:1)
I_HFLUNN	Allocation flag for HFLUNNO *Values:* 0 = No allocation 1 = Allocated *Universe:* HFLUNNO > 0 *Internal Notes:*	(0:1)
I_HFOODM	Allocation flag for HFOODMO *Values:* 0 = No allocation 1 = Allocated 2 = Allocated with range response *Universe:* HFOODMO > 0 *Internal Notes:*	(0:2)
I_HFOODN	Allocation flag for HFOODNO *Values:* 0 = No allocation 1 = Allocated *Universe:* HFOODNO >0 *Internal Notes:*	(0:1)
I_HFOODS	Allocation flag for HFOODSP *Values:* 0 = No allocation 1 = Allocated *Universe:* HFOODSP > 0 *Internal Notes:*	(0:1)

Variable	***Description***	***Range***
I_HHOTLU	Allocation flag for HHOTLUN *Values:* 0 = No allocation 1 = Allocated *Universe:* HHOTLUN > 0 *Internal Notes:*	(0:1)
I_HHOTNO	Allocation flag for HHOTNO *Values:* 0 = No allocation 1 = Allocated *Universe:* HHOTNO > 0 *Internal Notes:*	(0:1)
I_HLOREN	Allocation flag for HLORENT *Values:* 0 = No allocation 1 = Allocated *Universe:* HLORENT > 0 *Internal Notes:*	(0:1)
I_HPUBLI	Allocation flag for HPUBLIC *Values:* 0 = No allocation 1 = Allocated *Universe:* HPUBLIC > 0 *Internal Notes:*	(0:1)
I_HUNITS	Allocation flag for HUNITS *Values:* 0 = No change 1 = Allocated *Universe:* H_HHTYPE = 1 *Internal Notes:*	(0:1)
I_MORTYN	Allocation flag - first mortgage *Values:* *Universe:* *Internal Notes:*	(0:7)
I_PROPVAL	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 *Internal Notes:*	(0:4)
I_SMORTYN	Allocation flag - second mortgage *Values:* *Universe:* *Internal Notes:*	(0:7)

Variable	***Description***	***Range***
NICLSEQ	ASEC non-interview cluster sequence number. *Values:* *Universe:* *Internal Notes:*	(0:93)
NICLUSTER	ASEC non-interview cluster name. *Values:* *Universe:* *Internal Notes:*	()
NOW_HCOV	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 *Internal Notes:*	(1:3)
NOW_HMCAID	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 *Internal Notes:*	(1:3)
NOW_HPRIV	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 *Internal Notes:*	(1:3)
NOW_HPUB	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 *Internal Notes:*	(1:3)
OCCURNUM	from the basic cps sas dataset *Values:* *Universe:* *Internal Notes:*	(1:10)
Q95A_ALL	All children needed care while their parents worked? 0 = niu 1 = all *Values:* *Universe:* *Internal Notes:*	(0:1)

Variable	***Description***	***Range***
QSTNUM	qstnum from the basic cps sas dataset (questionnaire #) this is unique for every hhld and each person from the same hhld will have a matching number in person field qstnum *Values:* *Universe:* *Internal Notes:*	(1:299999)
A_AG_NA	Agriculture/nonagriculture *Values:* -1 = not in universe 0 = children or armed forces 1 = agriculture ind 2 = nonagriculture ind *Universe:* *Internal Notes:*	(-1:2)
A_AGE	Age *Values:* 00-79 = 0-79 years of age 80 = 80-84 years of age 85 = 85+ years of age *Universe:* All Persons *Internal Notes:*	(00:85)
A_CIVLF	Civilian labor force *Values:* 0 = Not in universe or children and Armed Forces 1 = In universe *Universe:* All Persons *Internal Notes:* -1=NIU on internal file	(-1:1)
A_CLSWKR	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) *Internal Notes:* Recoded from PEIO1COW	(0:8)
A_DTIND	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 *Internal Notes:* -1=NIU on internal file	(-1:52)
A_DTOCC	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 *Internal Notes:* -1=NIU on internal file	(-1:23)

Variable	Description	Range
A_ENRLW	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 *Internal Notes:* -1= Not in Universe for internal file	(-1:02)
A_ERNEL	earnings eligibility flag (CPS variable prerelg) *Values:* 0 = not earnings eligible 1 = earnings eligible *Universe:* *Internal Notes:*	(0:1)
A_ERNLWT	(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 *Internal Notes:* Internal version has 4 implied decimal places	(000000000:9999999999)
A_EXPLF	Experienced labor force employment status *Values:* 0 = Not in experienced labor force 1 = Employed 2 = Unemployed *Universe:* PEMLR=1-4 *Internal Notes:* -1=NIU on internal file	(-1:2)
A_EXPRRP	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 *Internal Notes:*	(1:14)
A_FAMNUM	Family number from Basic CPS *Values:* 00 = Not a family member 01 = Primary family member only 02-19 = Subfamily member *Universe:* All Persons *Internal Notes:*	(00:19)

Variable	Description	Range
A_FAMREL	Family relationship *Values:* 0 = Not a family member 1 = Reference person 2 = Spouse 3 = Child 4 = Other relative (primary family) *Universe:* All Persons *Internal Notes:*	(0:4)
A_FAMTYP	Family type *Values:* 1 = Primary family 2 = Nonfamily householder 3 = Related subfamily 4 = Unrelated subfamily 5 = Secondary individual *Universe:* All Persons *Internal Notes:*	(1:5)
A_FNLWGT	(CPS variable pwsswgt) Final weight *Values:* 2 implied decimals (example: 255212=2552.12) 0 = Additional supplment sample *Universe:* All Persons *Internal Notes:* Internal version has 4 implied decimal places	(0000000:999999999)
A_FRSTWT	(CPS variable pwfswgt) weight after application of first stage factor (4 implied decimal places) *Values:* *Universe:* *Internal Notes:*	(00000000:99999999)
A_FTLF	Full/time labor force *Values:* 0 = Not in universe or children and Armed Forces 1 = In universe *Universe:* PEMLR=1-4 *Internal Notes:* -1=NIU on internal file	(-1:1)
A_FTPT	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 *Internal Notes:* -1= Not in universe on internal file	(-1:2)
A_GRSWK	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 *Internal Notes:*	(0:999999)

Variable	Description	Range
A_HGA	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 *Internal Notes:*	(0:46)
A_HRLYWK	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 *Internal Notes:* -1=NIU on internal file	(-1:2)
A_HRS1	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 *Internal Notes:*	(-1:99)
A_HRSPAY	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 *Internal Notes:* -1=NIU on internal file	(-1:9999)
A_HSCOL	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 *Internal Notes:* -1 = Not in universe on internal file	(-1:2)
A_IND	item peio1icd - industry -1 = not in universe for children or armed forces 000 = not in universe 1-9999= legal code see industry & occupation code appendix for list of legal codes *Values:* *Universe:* *Internal Notes:*	(-1:9999)

Variable	***Description***	***Range***
A_LFSR	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 *Internal Notes:*	(0:7)
A_LINENO	Roster line number *Values:* 01:16 *Universe:* All Persons *Internal Notes:*	(01:16)
A_MAJACT	item pemlr - what was ... doing most of last week 0 = children or armed forces 1 = working 2 = with job but not at work 3 = looking for work 4 = keeping house 5 = going to school 6 = unable to work 7 = retired 8 = other *Values:* *Universe:* *Internal Notes:*	(0:8)
A_MARITL	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 *Internal Notes:*	(1:7)
A_MJIND	Major industry code *Values:* 0 = Not in universe, or children 1 = Agriculture, forestry,fishing, and hunting 2 = Mining 3 = Construction 4 = Manufacturing 5 = Wholesale and retail trade 6 = Transportation and utilities 7 = Information 8 = Financial activities 9 = Professional and business services 10 = Educational and health services 11 = Leisure and hospitality 12 = Other services 13 = Public administration 14 = Armed Forces *Universe:* A_CLSWKR = 1-7 *Internal Notes:*	(-1:14)

Variable	Description	Range
A_MJOCC	Major occupation recode *Values:* 0 = Not in universe or children 1 = Management, business, and financial occupations 2 = Professional and related occupations 3 = Service occupations 4 = Sales and related occupations 5 = Office and administrative support occupations 6 = Farming, fishing, and forestry occupations 7 = Construction and extraction occupations 8 = Installation, maintenance, and repair occupations 9 = Production occupations 10 = Transportation and material moving occupations 11 = Armed Forces *Universe:* A_CLSWKR=1-7 *Internal Notes:*	(-1:11)
A_NLFLJ	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 *Internal Notes:*	(-1:7)
A_NLFROT	item humisck - interviewer check item - first digit of segment # -1 = not in universe 0 = children or armed forces 1 = continuing rotations 2 = outgoing rotations *Values:* *Universe:* *Internal Notes:*	(-1:2)
A_OCC	item peio1ocd - occupation -1 = not in universe for children or armed forces 000 = not in universe 1-9999 = legal code see industry & occupation code appendix for list of legal codes *Values:* *Universe:* *Internal Notes:*	(-1:9999)
A_PARENT	Line number of Par1, or Par2 is Par1 is blank. *Values:* *Universe:* *Internal Notes:*	(00:16)
A_PAYABS	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 *Internal Notes:* -1=NIU on internal file	(-1:3)

Variable	Description	Range
A_PFREL	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 *Internal Notes:*	(0:5)
A_RACE	item perace - race 1 = white 2 = black 3 = amer indian, aleut eskimo 4 = asian or pacific isl *Values:* *Universe:* *Internal Notes:*	(1:5)
A_RRP	item perrp - relationship to reference person 1 = ref per with other relatives in hhld 2 = ref per with no other relatives in hhld 3 = husband 4 = wife 5 = own child 6 = parent 7 = brother/sister 8 = other relative of ref per 9 = non-rel of ref per with own rels in hhld 10 = non-rel of ref per-no own rels in hhld *Values:* *Universe:* *Internal Notes:*	(1:10)
A_SEX	Sex *Values:* 1 = Male 2 = Female *Universe:* All Persons *Internal Notes:*	(1:2)
A_SPOUSE	Spouse's line number *Values:* 00 = None or children 01-16 = Spouse's line number *Universe:* All Persons *Internal Notes:*	(00:16)
A_UNCOV	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 *Internal Notes:* -1=NIU on internal file	(-1:2)

Variable	Description	Range
A_UNMEM	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 *Internal Notes:* -1=NIU on internal file	(-1:2)
A_UNTYPE	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 *Internal Notes:* -1=NIU on internal file	(-1:5)
A_USLFT	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 *Internal Notes:* -1=NIU on internal file	(-1:2)
A_USLHRS	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 *Internal Notes:*	(-4:99)
A_WANTJB	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 *Internal Notes:* On internal file: -1= Not in universe or children and Armed Forces	(-1:2)
A_WHENLJ	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 *Internal Notes:*	(0:5)
A_WHYABS	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 *Internal Notes:* -1=NIU on internal file	(-1:8)

Variable	Description	Range
A_WKSCH	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 *Internal Notes:* -1=NIU on internal file	(-1:4)
A_WKSLK	Duration of unemployment *Values:* 000 = NIU, Children or Armed Forces 001-999 = Entry *Universe:* PEMLR=3 or 4 *Internal Notes:* -1=NIU on internal file	(-1:99)
A_WKSTAT	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 *Internal Notes:*	(0:7)
A1RRP	item 18b - unedited relationship to reference person (purrp) *Values:* -3 = Refused -2 = Don't Know -1 = Not in universe 40-59 = See PERRP *Universe:* *Internal Notes:*	(-3:99)
ACTC_CRD	Additional child tax credit *Values:* 0 = none 1-99999 = dollar amount *Universe:* Tax unit head or dependent filer *Internal Notes:*	(0:99999)
ADD_SS	taxable part of social security 0 = none dollar amount *Values:* *Universe:* *Internal Notes:*	(0:32000)

Variable	Description	Range
AGE1	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 *Internal Notes:*	(0:17)
AGI	Federal adjusted gross income *Values:* 0 = none dollar amount *Universe:* Tax unit head or dependent filer *Internal Notes:*	(-999999:9999999)
AMFRSTWT	supplement version of a-frstwt weight after application of first stage factor (4 implied decimal places) *Values:* *Universe:* *Internal Notes:*	(00000000:999999999)
ANN_VAL	Retirement income, annuities amount *Values:* -1 = niu 0-999999 = dollar amount *Universe:* ANN_YN = 1 *Internal Notes:*	(-1:999999)
ANN_YN	Retirement income, annuities, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
AXAGE	Allocation flag for A_AGE *Values:* 0 =No change 4=Allocated *Universe:* All Persons *Internal Notes:*	(0:4)

Variable	Description	Range
AXCLSWKR	Allocation flag for A_CLSWKR *Values:* 0 = No change or children or armed forces 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXENRLW	Allocation flag for A_ENRLW *Values:* 0 = No change or children or armed forces 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXFTPT	Allocation flag for A_FTPT *Values:* 0 = No change or children or armed forces 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXHGA	Allocation flag for A_HGA *Values:* 0 = No change 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXHRLYWK	Allocation flag for A_HRLYWK *Values:* 0 = No change or children or armed forces 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXHRS	Allocation flag for A_HRS *Values:* 0 = No change or children or armed forces 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXHSCOL	Allocation flag for A_HSCOL *Values:* 0 = No change or children or armed forces 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXLFSR	Allocation flag for A_LFSR *Values:* 0 = No change or children or armed forces 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXNLFLJ	Allocation flag for A_NLFLJ *Values:* 0 = No change or children or armed forces 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)

Variable	Description	Range
AXPAYABS	Allocation flag for A_PAYABS *Values:* 0 = No change or children or armed forces 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXSEX	Allocationf flag for A_SEX *Values:* 0 = No change 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXUNCOV	Allocation flag for A_UNCOV *Values:* 0 = No change or children or armed forces 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXUNMEM	Allocation flag for AXUNMEM *Values:* 0 = No change or children or armed forces 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXUSLHRS	Allocation flag for AXUSLHRS *Values:* 0 = No change or children or armed forces 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXWHYABS	Allocation flag for AXWHYABS *Values:* 0 = No change or children or armed forces 4 = Allocated *Universe:* All Persons *Internal Notes:*	(0:4)
AXWKSLK	0 = no change (CPS variables pxlkdur & pxlaydur) 1 = value to blank 2 = blank to value 3 = value to value 4 = allocated *Values:* *Universe:* *Internal Notes:*	(0:4)
BOND_VAL	Interest income amount, savings bonds *Values:* -1 = niu 0-999999 = dollar amount *Universe:* BOND_YN = 1 *Internal Notes:*	(-1:999999)

Variable	Description	Range
BOND_YN	Interest income, savings bonds, y/n *Values:* 0 = none or niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
CAID	Medicaid coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
CAID_LCSP1	Left-censored - 1st spell of Medicaid coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* CAID = 1 *Internal Notes:*	(0:2)
CAID_MON	Number of months with Medicaid coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
CAID_RCSP1	Right-censored - 1st spell of Medicaid coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* CAID = 1 *Internal Notes:*	(0:2)
CAID_RCSP2	Right-censored - 2nd spell of Medicaid coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* CAID = 1 *Internal Notes:*	(0:2)
CAID_SP1	Length of the 1st spell of Medicaid coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
CAID_SP2	Length of the 2nd spell of Medicaid coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
CAP_VAL	capital gains value *Values:* 0 = none or niu 1-999999 = captial gains amount *Universe:* CAP_YN = 1 *Internal Notes:*	(0:999999)

Variable	Description	Range
CAP_YN	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 *Internal Notes:*	(0:2)
CC_CRED	child care credit *Values:* 0 = none; dollar amount *Universe:* *Internal Notes:*	(0:4999)
CD_VAL	Interest income amount, Certificates of Deposit *Values:* -1 = niu 0-999999 = dollar amount *Universe:* CD_YN = 1 *Internal Notes:*	(-1:999999)
CD_YN	Interest income, CDs, y/n *Values:* 0 = NIU 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
CHAMPVA	CHAMPVA coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
CHAMPVA_LCS	Left-censored - 1st spell of CHAMPVA coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* CHAMPVA = 1 *Internal Notes:*	(0:2)
CHAMPVA_MO	Number of months with CHAMPVA coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
CHAMPVA_RCS	Right-censored - 1st spell of CHAMPVA coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* CHAMPVA = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
CHAMPVA_RCS	Right-censored - 2nd spell of CHAMPVA coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* CHAMPVA = 1 *Internal Notes:*	(0:2)
CHAMPVA_SP1	Length of the 1st spell of CHAMPVA coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
CHAMPVA_SP2	Length of the 2nd spell of CHAMPVA coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
CHCARE_YN	Paid child care was needed for this child? *Values:* 0= Niu 1= Yes 2= No *Universe:* Persons age 15+ with chirldren *Internal Notes:*	(0:2)
CHECK_VAL	Interest income amt, checking acct. *Values:* -1 = niu 0-999999 = dollar amount *Universe:* CHECK_YN = 1 *Internal Notes:*	(-1:999999)
CHECK_YN	Interest income, checking acct, y/n *Values:* 0 = NIU 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
CHELSEW_YN	Does this person have a child living outside the household? *Values:* 0= Niu 1= Yes 2= No *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
CHIPWGT	Weight after application of CHIPFAC (4 implied decimals). *Values:* *Universe:* *Internal Notes:*	(00000000:999999999)
CHSP_VAL	What is the annual amount of child support paid? *Values:* 0 = NIU 1:99999 = amount paid in child support *Universe:* CHSP_YN = 1 *Internal Notes:*	(00000:99999)

Variable	Description	Range
CHSP_YN	Is this person required to pay child support? *Values:* 0= Niu 1= Yes 2= No *Universe:* CHELSEW_YN *Internal Notes:*	(0:2)
CLWK	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+ *Internal Notes:*	(0:5)
COV	Any health insurance coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
COV_CYR	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 *Internal Notes:*	(0:3)
COV_LCSP1	Left-censored - 1st spell of health insurance coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* COV = 1 *Internal Notes:*	(0:2)
COV_MON	Number of months with health insurance coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
COV_MULT	Number of months with concurrent coverage *Values:* 0 - 12 *Universe:* COV = 1 *Internal Notes:*	(0:12)
COV_MULT_CY	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 *Internal Notes:*	(0:3)

Variable	Description	Range
COV_RCSP1	Right-censored - 1st spell of health insurance coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* COV = 1 *Internal Notes:*	(0:2)
COV_RCSP2	Right-censored - 2nd spell of health insurance coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* COV = 1 *Internal Notes:*	(0:2)
COV_SP1	Length of the 1st spell of health insurance coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
COV_SP2	Length of the 2nd spell of health insurance coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
CSP_VAL	How much did ... receive in child support payments? *Values:* 0 = none or niu 1-99999 = child support *Universe:* CSP_YN = 1 *Internal Notes:*	(0:99999)
CSP_YN	Did ... receive child support payments? *Values:* 0= Niu 1= Yes 2= No *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
CSS_ALL	All children under age 19 were receiving Social Security last year 0 = niu 1 = all *Values:* *Universe:* *Internal Notes:*	(0:1)
CSSI_ALL	All children under age 18 were receiving Supplemental Security Income last year? 0 = niu 1 = all *Values:* *Universe:* *Internal Notes:*	(0:1)

Variable	Description	Range
CTC_CRD	Child tax credit and other dependent credit *Values:* 0 = none 1-99999 = dollar amount *Universe:* Tax unit head or dependent filer *Internal Notes:*	(0:99999)
CTRLNUM	process control number *Values:* *Universe:* *Internal Notes:*	()
CURR	Were you or anyone in this household covered by any type of health plan last week? 0 = niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
DBTN_VAL	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 *Internal Notes:*	(0000000:9999999)
DEP_STAT	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 *Internal Notes:*	(00:16)
DEPDIR	Direct-purchase coverage through household member last year *Values:* 0= Niu 1= Yes 2= No *Universe:* DIR = 1 *Internal Notes:*	(0:2)
DEPGRP	Employment-based coverage through household member last year *Values:* 0= Niu 1= Yes 2= No *Universe:* GRP = 1 *Internal Notes:*	(0:2)
DEPMIL	TRICARE coverage through household member last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MIL = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
DEPMRK	Marketplace coverage through household member last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRK = 1 *Internal Notes:*	(0:2)
DEPMRKS	Subsidized Marketplace coverage through household member last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKS = 1 *Internal Notes:*	(0:2)
DEPMRKUN	Unsubsidized Marketplace coverage through household member last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKUN = 1 *Internal Notes:*	(0:2)
DEPNONM	Non-Marketplace coverage through household member last year *Values:* 0= Niu 1= Yes 2= No *Universe:* NONM = 1 *Internal Notes:*	(0:2)
DEPPRIV	Private coverage through household member last year *Values:* 0= Niu 1= Yes 2= No *Universe:* PRIV = 1 *Internal Notes:*	(0:2)
DIR	Any direct-purchase coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
DIR_LCSP1	Left-censored - 1st spell of direct-purchase coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* DIR = 1 *Internal Notes:*	(0:2)
DIR_MON	Number of months with direct-purchase coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)

Variable	Description	Range
DIR_RCSP1	Right-censored - 1st spell of direct-purchase coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* DIR = 1 *Internal Notes:*	(0:2)
DIR_RCSP2	Right-censored - 2nd spell of direct-purchase coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* DIR = 1 *Internal Notes:*	(0:2)
DIR_SP1	Length of the 1st spell of direct-purchase coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
DIR_SP2	Length of the 2nd spell of direct-purchase coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
DIRFTYP	Type of direct-purchase plan last year 1 *Values:* 0= Out of universe 1= Family plan 2= Self-only plan *Universe:* OWNDIR = 1 *Internal Notes:*	(0:2)
DIRFTYP2	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 *Internal Notes:*	(0:3)
DIRLIN1	Policyholder line number 1 - direct-purchase coverage last year *Values:* 0 = Not in universe 1 - 20 = Line number *Universe:* DEPDIR = 1 *Internal Notes:*	(0:20)
DIRLIN2	Policyholder line number 2 - direct-purchase coverage last year *Values:* 0 = Not in universe 1 - 20 = Line number *Universe:* DEPDIR = 1 *Internal Notes:*	(0:20)

Variable	Description	Range
DIROUT	Provided direct-purchase coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* DIR = 1 *Internal Notes:*	(0:2)
DIROUT1925	Provided direct-purchase coverage to someone outside HH ages 19-25 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* DIROUT = 1 *Internal Notes:*	(0:2)
DIROUT26P	Provided direct-purchase coverage to someone outside HH over age 26 last year *Values:* 0 = niu 1 = yes 2 = no *Universe:* DIROUT = 1 *Internal Notes:*	(0:2)
DIROUTLT19	Provided direct-purchase coverage to someone outside HH under 19 last year *Values:* 0 = niu 1 = yes 2 = no *Universe:* DIROUT = 1 *Internal Notes:*	(0:2)
DIS_CS	Who in this household retired or left a job for health reasons? *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
DIS_HP	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+ *Internal Notes:*	(0:2)
DIS_SC1	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 *Internal Notes:*	(00:10)

Variable	Description	Range
DIS_SC2	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 *Internal Notes:*	(00:10)
DIS_VAL1	How much did ... receive (source type) during 20.. ? *Values:* 0 = none or niu 1-999999 = disability income *Universe:* DIS_SC1>0 *Internal Notes:*	(0:999999)
DIS_VAL2	How much did ... receive (source type) during 20.. ? *Values:* 0 = none or niu 1-999999 = disability income *Universe:* DIS_SC2>0 *Internal Notes:*	(00000:999999)
DIS_YN	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+ *Internal Notes:*	(0:2)
DIV_VAL	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 *Internal Notes:*	(000000:999999)
DIV_YN	Did ... receive dividends? *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
DSAB_VAL	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 *Internal Notes:*	(000000:999999)

Variable	***Description***	***Range***
DST_SC1	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 *Internal Notes:*	(0:7)
DST_SC1_YNG	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 *Internal Notes:*	(0:7)
DST_SC2	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 *Internal Notes:*	(0:7)
DST_SC2_YNG	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 *Internal Notes:*	(0:7)
DST_SC3	Retirement income, distribution source 3 *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 = 1 and a_age ≥ 58 *Internal Notes:*	(0:7)

Variable	***Description***	***Range***
DST_SC4	Retirement income, distribution source 4 *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 = 1 and a_age ≥ 58 *Internal Notes:*	(0:7)
DST_TY1	Retirement income distribution, type 1 (401k account) *Values:* 0 = niu 1 = yes 2 = no *Universe:* DST_YN = 1 *Internal Notes:*	(0:2)
DST_TY2	Retirement income distribution, type 2 (403b account) *Values:* 0 = niu 1 = yes 2 = no *Universe:* DST_YN = 1 *Internal Notes:*	(0:2)
DST_TY3	Retirement income distribution, type 3 (Roth IRA) *Values:* 0 = niu 1 = yes 2 = no *Universe:* DST_YN = 1 *Internal Notes:*	(0:2)
DST_TY4	Retirement income distribution, type 4 (Regular IRA) *Values:* 0 = niu 1 = yes 2 = no *Universe:* DST_YN = 1 *Internal Notes:*	(0:2)
DST_TY5	Retirement income distribution, type 5 (KEOGH plan) *Values:* 0 = niu 1 = yes 2 = no *Universe:* DST_YN = 1 *Internal Notes:*	(0:2)
DST_TY6	Retirement income distribution, type 6 [SEP plan (Simplified Employee Pension)] *Values:* 0 = niu 1 = yes 2 = no *Universe:* DST_YN = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
DST_TY7	Retirement income, distribution, type 7 (Other type of retirement account) *Values:* 0 = niu 1 = yes 2 = no *Universe:* DST_YN = 1 *Internal Notes:*	(0:2)
DST_VAL1	Retirement income amount distribution source 1 *Values:* 0 = none or niu 1-999,999 = amount withdrawn or distributed *Universe:* DST_SC1 = 1 *Internal Notes:*	(000000:999999)
DST_VAL1_YN	Retirement Distribution amount 1, under age 58 *Values:* 0 = none or niu 1- 999,999 = amount withdrawn or distributed *Universe:* DST_SC1_YNG = 1 *Internal Notes:*	(000000:999999)
DST_VAL2	Retirement income amount, distribution source 2 *Values:* 0 = none or niu 1- 999,999 = amount withdrawn or distributed *Universe:* DST_SC2 = 1 *Internal Notes:*	(000000:999999)
DST_VAL2_YN	Retirement Distribution amount 2, under age 58 *Values:* 0 = none or niu 1-999,999 = amount withdrawn or distributed *Universe:* DST_SC2_YNG = 1 *Internal Notes:*	(000000:999999)
DST_YN	Retirement income distribution y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* Persons aged 58 and over (a_age ≥ 58) *Internal Notes:*	(0:2)
DST_YN_YNG	Retirement Distribution Recipiency, person under age 58 *Values:* 0 = niu 1 = yes 2 = no *Universe:* Persons under age 58 (a_age < 58) *Internal Notes:*	(0:2)
EARNER	EARNER STATUS RECODE *Values:* 0 = NIU 1 = EARNER 2 = NONEARNER *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)

Variable	Description	Range
ED_VAL	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 *Internal Notes:*	(0:999999)
ED_YN	Did ... receive educational assistance? *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
EIP_CRD	Sum of Economic Impact Payment 1 (CARES Act) and Economic Impact Payment 2 (CRRSA Act) *Values:* 0-99,999 = dollar amount *Universe:* Persons 15+ *Internal Notes:*	(0:99999)
EIT_CRED	Earned income tax credit *Values:* 0 = none; 1-9999 = dollar amount *Universe:* Tax unit head or dependent filer *Internal Notes:*	(0:9999)
ERN_OTR	wage and salary money earned from other work, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* All persons aged 15+ *Internal Notes:*	(0:2)
ERN_SRCE	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 *Internal Notes:*	(0:4)
ERN_VAL	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 *Internal Notes:*	(-9999999:9999999)
ERN_YN	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 *Internal Notes:*	(0:2)

Variable	Description	Range
ESICOULD	Eligible to purchase employer's health insurance plan (expanded universe) *Values:* 0 = NIU 1 = Yes 2 = No *Universe:* ESIOFFER = 1 *Internal Notes:*	(0:2)
ESIELIG1	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 *Internal Notes:*	(0:2)
ESIELIG2	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 *Internal Notes:*	(0:2)
ESIELIG3	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 *Internal Notes:*	(0:2)
ESIELIG4	Reason not eligible - Have a pre-existing condition (expanded universe) *Values:* 0= Niu 1= Yes 2= No *Universe:* ESIOFFER = 1 AND ESICOULD = 2 *Internal Notes:*	(0:2)
ESIELIG5	Reason not eligible - Too expensive (expanded universe) *Values:* 0= Niu 1= Yes 2= No *Universe:* ESIOFFER = 1 AND ESICOULD = 2 *Internal Notes:*	(0:2)
ESIELIG6	Reason not eligible - Other (expanded universe) *Values:* 0= Niu 1= Yes 2= No *Universe:* ESIOFFER = 1 AND ESICOULD = 2 *Internal Notes:*	(0:2)

Variable	Description	Range
ESIOFFER	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) *Internal Notes:*	(0:2)
ESITAKE1	Reason did not take up - Covered by another plan (expanded universe) *Values:* 0= Niu 1= Yes 2= No *Universe:* ESIOFFER = 1 AND ESICOULD = 1 *Internal Notes:*	(0:2)
ESITAKE2	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 *Internal Notes:*	(0:2)
ESITAKE3	Reason did not take up - Too expensive (expanded universe) *Values:* 0= Niu 1= Yes 2= No *Universe:* ESIOFFER = 1 AND ESICOULD = 1 *Internal Notes:*	(0:2)
ESITAKE4	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 *Internal Notes:*	(0:2)
ESITAKE5	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 *Internal Notes:*	(0:2)
ESITAKE6	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 *Internal Notes:*	(0:2)

Variable	Description	Range
ESITAKE7	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 *Internal Notes:*	(0:2)
ESITAKE8	Reason did not take up - Other (expanded universe) *Values:* 0= Niu 1= Yes 2= No *Universe:* ESIOFFER = 1 AND ESICOULD = 1 *Internal Notes:*	(0:2)
F_HSEQ	household seq number - ASEC file same as hseq in hhld record *Values:* 00001-99999 = household sequence number *Universe:* All Families *Internal Notes:*	(00000:99999)
F_SEQ	sequence number of family record in hhld *Values:* *Universe:* *Internal Notes:*	(01:16)

Variable	***Description***	***Range***
FAMEQTYP	Describes type of family the person is in according to family equilization weighting definitions. *Values:* 1 = Females in Female/Female Unmarried Partner Households where both partners are civilian 2 = All Other Civilian Females 3 = Married Males with Spouses Present in Civilian where both partners are civilian 4 = Male Partners in Male/Female Unmarried Partner Households where both partners are civilian 5 = Other Civilian Male Heads 6 = Male Partners in Male/Male Unmarried Partner Households where both partners are civilian 7 = All Other Civilian Males 8 = Married Females with Spouses Present in Civilian where both partners are civilian 9 = Females Partners in Male/Female Unmarried Partner Households where both partners are civilian 11 = Females in Female/Female Unmarried Partner Households where at least one partner is armed forces 12 = All Other Armed Forces Females 13 = Married Males with Spouses Present in Civilian where at least one partner is armed forces 14 = Male Partners in Male/Female Unmarried Partner Households where at least one partner is armed forces 15 = Other Armed Forces Male Heads 16 = Male Partners in Male/Male Unmarried Partner Households where at least one partner is armed forces 17 = All Other Armed Forces Males 18 = Married Females with Spouses Present in Civilian where at least one partner is armed forces 19 = Females Partners in Male/Female Unmarried Partner Households where at least one partner is armed forces 21 = Females in Female/Female Unmarried Partner Households where both partners are in the armed forces 23 = Married Males with Spouses Present in Civilian where both partners are in the armed forces 24 = Male Partners in Male/Female Unmarried Partner Households where both partners are in the armed forces 26 = Male Partners in Male/Male Unmarried Partner Households where both partners are in the armed forces 28 = Married Females with Spouses Present in Civilian where both partners are in the armed forces 29 = Females Partners in Male/Female Unmarried Partner Households where both partners are in the armed forces *Universe:* *Internal Notes:*	(0:29)

Variable	***Description***	***Range***
FAMREL	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 *Internal Notes:*	(1:11)
FED_RET	Federal retirement payroll deduction *Values:* 0 = none; dollar amount *Universe:* Tax unit head or dependent filer *Internal Notes:*	(0:999999)
FEDTAX_AC	Federal income tax liability, after all refundable credits and Economic Impact Payments 1 and 2. FEDTAX_AC = FEDTAX_BC - ACTC_CRD - EIT_CRED - EIP_CRD *Values:* 0 = none; dollar amount *Universe:* Tax unit head or dependent filer *Internal Notes:*	(-99999:9999999)
FEDTAX_BC	Federal income tax liability, before refundable credits *Values:* 0 = none; dollar amount *Universe:* Tax unit head or dependent filer *Internal Notes:*	(0:9999999)
FICA	Social security retirement payroll deduction *Values:* 0 = none 1-99999 = dollar amount *Universe:* All persons *Internal Notes:*	(0:99999)
FILESTAT	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 *Internal Notes:*	(1:6)
FIN_VAL	How much did ... receive in financial assistance income during 20.. ? *Values:* 0 = none or niu 1-999999 = financial assistance *Universe:* FIN_YN = 1 *Internal Notes:*	(0:999999)

Variable	Description	Range
FIN_YN	Did ... receive financial assistance? *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
FL_665	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 *Internal Notes:*	(1:3)
FL_HSEQ	The donor household's H_SEQ that contributed data during the WINC or Type A Statistical Match. *Values:* *Universe:* *Internal Notes:*	(0:99999)
FL_MATLV	flag for match level for earnings, work experience, longest job allocation and for type a allocation *Values:* 1-63 = level for earn., work exp., & long job. 101-133 = level for type a allocation *Universe:* *Internal Notes:*	(00:63,101:133)
FL_PREMSOUR	Flag: Source/logic of Medicare premium amount *Values:* 0=Reported 21=Dual/enrollee or under 1.35 IPR 22= Under 65 23= Simulated Value 99=Error *Universe:* MCARE=1 *Internal Notes:*	(0:23)
FL_PSEQ	people you match to on file for Type A imputed data. comes from d.i-pseq *Values:* *Universe:* *Internal Notes:*	(0:16)
FL_WINC	work experience allocation flag (set in element p.misc/winc, subroutine flgerr) *Values:* *Universe:* *Internal Notes:*	(0:1)
FL_WSTAT	worker/nonworker flag determined and used in work experience edits *Values:* 0 = child 1 = worker 2 = nonworker *Universe:* *Internal Notes:*	(0:2)

Variable	Description	Range
FLFRMEARN	Flag to indicate whether the person is eligible for the winc farm earnings statistical match *Values:* 0 = not eligible 1 = eligible *Universe:* *Internal Notes:*	(0:1)
FLLJ	Flag to indicate whether the person is eligible for the winc longest job statistical match *Values:* 0 = not eligible 1 = eligible *Universe:* *Internal Notes:*	(0:1)
FLLJEARN	Flag to indicate whether the person is eligible for the winc longest job earnings statistical match *Values:* 0 = not eligible 1 = eligible *Universe:* *Internal Notes:*	(0:1)
FLRECIP	Flag to indicate whether the person is eligible for the winc recipiency statistical match *Values:* 0 = not eligible 1 = eligible *Universe:* *Internal Notes:*	(0:1)
FLSEEARN	Flag to indicate whether the person is eligible for the winc self-employed earnings statistical match *Values:* 0 = not eligible 1 = eligible *Universe:* *Internal Notes:*	(0:1)
FLWKEXP	Flag to indicate whether the person is eligible for the winc work experience statistical match *Values:* 0 = not eligible 1 = eligible *Universe:* *Internal Notes:*	(0:1)
FLWSEARN	Flage to indicate whether the person is eligible for the winc wage and salary earnings statistical match *Values:* 0 = not eligible 1 = eligible *Universe:* *Internal Notes:*	(0:1)
FRM_VAL	amount of farm self-employment earnings from secondary source *Values:* 0 = none or niu; -999999-999999 = farm self employment *Universe:* FRMOTR = 1 *Internal Notes:*	(-999999:999999)
FRMOTR	receiving farm self-employment from secondary source *Values:* 0 = niu 1 = yes 2 = no *Universe:* ERN_OTR = 1 *Internal Notes:*	(0:2)

Variable		Description	Range
FRSE_VAL		total amount of farm self-employment earnings (combined amounts in ern-val, if ern-srce=3, and frse-val) *Values:* 0 = none or niu; -9999999-9999999 = farm self employment *Universe:* ERN_YN=1 or FRMOTR=1 *Internal Notes:*	(-9999999:9999999)
FRSE_YN		receiving any farm self-employment *Values:* 0= Niu 1= Yes 2= No *Universe:* ERN_YN=1 or FRMOTR=1 *Internal Notes:*	(0:2)
GDST_SC	(2)	Gross retirement distributions source *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 = 1 *Internal Notes:*	(0:7)
GDST_VAL1		Gross retirement distibutions *Values:* 0 = none or niu; 1-99999999 = gross amount distributed *Universe:* *Internal Notes:*	(0:99999999)
GDST_VAL2		Gross retirment distributions *Values:* 0 = none or niu; 1-99999999 = gross amount distributed *Universe:* *Internal Notes:*	(0:99999999)
GDST_YN		Gross retirement distrbtuion recipiency *Values:* 0 = niu 1 = yes 2 = no *Universe:* *Internal Notes:*	(0:2)
GROL_PCT1		Retirement rollover, percent of distribution. Source 1 *Values:* *Universe:* *Internal Notes:*	()
GROL_PCT2		Retirement rollover, percent of distribution. Source 2 *Values:* *Universe:* *Internal Notes:*	()
GROL_VAL1		Retirement rollover amount 1 *Values:* 0 = none or niu; 1-99999999 = amount rolled over *Universe:* *Internal Notes:*	(0:99999999)

Variable	Description	Range
GROL_VAL2	Retirement rollover amount 2 *Values:* 0 = none or niu; 1-99999999 = amount rolled over *Universe:* *Internal Notes:*	(0:99999999)
GRP	Any employment-based coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
GRP_LCSP1	Left-censored - 1st spell of employment-based coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* GRP = 1 *Internal Notes:*	(0:2)
GRP_MON	Number of months with employment-based coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
GRP_RCSP1	Right-censored - 1st spell of employment-based coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* GRP = 1 *Internal Notes:*	(0:2)
GRP_RCSP2	Right-censored - 2nd spell of employment-based coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* GRP = 1 *Internal Notes:*	(0:2)
GRP_SP1	Length of the 1st spell of employment-based coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
GRP_SP2	Length of the 2nd spell of employment-based coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)

Variable	***Description***	***Range***
GRPFTYP	Type of employment-based plan last year 1 *Values:* 0= Out of universe 1= Family plan 2= Self-only plan *Universe:* OWNGRP = 1 *Internal Notes:*	(0:2)
GRPFTYP2	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 *Internal Notes:*	(0:3)
GRPLIN1	Policyholder line number 1 - employment-based coverage last year *Values:* 0 = Not in universe 1 - 20 = Line number *Universe:* DEPGRP = 1 *Internal Notes:*	(0:20)
GRPLIN2	Policyholder line number 2 - employment-based coverage last year *Values:* 0 = Not in universe 1 - 20 = Line number *Universe:* DEPGRP = 1 *Internal Notes:*	(0:20)
GRPOUT	Provided employment-based coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* GRP = 1 *Internal Notes:*	(0:2)
GRPOUT1925	Provided employment-based coverage to someone outside HH ages 19-25 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* GRPOUT = 1 *Internal Notes:*	(0:2)
GRPOUT26P	Provided employment-based coverage to someone outside HH over age 26 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* GRPOUT = 1 *Internal Notes:*	(0:2)
GRPOUTLT19	Provided employment-based coverage to someone outside HH under 19 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* GRPOUT = 1 *Internal Notes:*	(0:2)

Record Type: *Person*

Variable	*Description*	*Range*
H_SEQ	Household sequence number *Values:* 00001- 99999 .Household sequence number *Universe:* All Households *Internal Notes:*	(00001:99999)
HEA	Health status *Values:* 1= Excellent 2= Very good 3= Good 4= Fair 5= Poor *Universe:* All persons *Internal Notes:*	(1:5)

Variable	***Description***	***Range***
HHDFMS	detailed household and family status in household: in primary family: 1 householder 2 spouse of householder child of householder: under 18, single (never married): 3 reference person of subfamily 4 not in a subfamily under 18, ever-married: 5 reference person of subfamily 6 spouse of reference person of subfamily 7 not in a subfamily 18 years and over, single (never married): 8 reference person of subfamily 9 not in a subfamily 18 years and over, ever-married: 10 reference person of subfamily 11 spouse of reference person of subfamily 12 not in a subfamily grandchild under 18, single (never married) of 13 householder other relative of householder: under 18, single (never married): 14 reference person of subfamily 15 child of subfamily reference person 16 not in a subfamily under 18, ever married: 17 reference person of subfamily 18 spouse of subfamily reference person 19 not in a subfamily 18 years and over, single (never married): 20 reference person of a subfamily 21 not in a subfamily 18 years and over, ever-married: 22 reference person of subfamily 23 spouse of subfamily reference person 24 not in a subfamily in unrelated subfamily (nonrelatives of householder) 25 reference person 26 spouse of reference person child under 18, single (never-married) of unrelated subfamily 27 reference person other relative of unrelated subfamily reference person: 28 (not used) 29 (not used) 30 (not used) 31 (not used) 32 primary individual 33 secondary individual 34 in group quarters: secondary individuals *Values:* *Universe:* *Internal Notes:*	(1:34)

Variable	***Description***	***Range***
HHDFMX	Detailed household and family status	(1:51)

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

Internal Notes:

Variable	Description	Range
HHDREL	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 *Internal Notes:*	(1:8)
HIPAID	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 *Internal Notes:*	(0:3)
HRCHECK	interviewer check item - number of hours in item 41 is? *Values:* 0 = niu 1 = part time 2 = full time *Universe:* WKSWORK > 0 *Internal Notes:*	(0:2)
HRLONGID	longitudinal link id (for april supp. match) *Values:* *Universe:* *Internal Notes:*	()
HRSWK	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 *Internal Notes:*	(0:99)

Variable	Description	Range
I_ANNVAL	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 *Internal Notes:*	(0:9)
I_ANNYN	Allocation flag for ANN_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* ANN_YN > 0 *Internal Notes:*	(0:9)
I_BONDVAL	Allocation flag for BOND_VAL *Values:* *Universe:* All Persons 15+ *Internal Notes:*	(0:9)
I_BONDYN	Allocation flag for BOND_YN *Values:* *Universe:* All Persons 15+ *Internal Notes:*	(0:9)
I_CAID	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 *Internal Notes:*	(-1:3)
I_CAPVAL	Allocation flag for CAP_VAL *Values:* See I_ANNVAL for allocation flag values. *Universe:* CAP_VAL > 1 *Internal Notes:*	(0:9)

Variable	Description	Range
I_CAPYN	Allocation flag for CAP_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* CAP_YN > 0 *Internal Notes:*	(0:9)
I_CDVAL	Allocation flag for CD_VAL *Values:* *Universe:* CD_YN =1 *Internal Notes:*	(0:9)
I_CDYN	Allocation flag for CD_YN *Values:* *Universe:* All Persons 15+ *Internal Notes:*	(0:9)
I_CHAMPVA	Allocation flag for CHAMPVA *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(-1:3)
I_CHCAREYN	Allocation flag for CHCARE_YN *Values:* 0 = No allocation 1 = Allocated *Universe:* CHCARE_YN > 0 *Internal Notes:*	(0:9)
I_CHECKVAL	Allocation flag, for CHECK_VAL *Values:* *Universe:* CHECK_YN = 1 *Internal Notes:*	(0:9)
I_CHECKYN	Allocation flag for CHECK_YN *Values:* *Universe:* All Persons 15+ *Internal Notes:*	(0:9)
I_CHELSEWYN	Allocation flag for CHELSEW_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* CHELSEW_YN > 0 *Internal Notes:*	(0:9)
I_CHSPVAL	Allocation flag for CHSP_VAL *Values:* See I_ANNVAL for allocation flag values. *Universe:* CHSP_YN = 1 *Internal Notes:*	(0:9)

Variable	***Description***	***Range***
I_CHSPYN	Allocation flag for CHSP_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* CHELSEW_YN = 1 *Internal Notes:*	(0:9)
I_CSPVAL	Allocation flag for CSP_VAL *Values:* See I_ANNVAL for allocation flag values. *Universe:* CSP_YN = 1 *Internal Notes:*	(0:9)
I_CSPYN	Allocation flag for CSP_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* CSP_YN > 0 *Internal Notes:*	(0:8)
I_DEPDIR	Allocation flag for DEPDIR *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* DIR = 1 *Internal Notes:*	(-1:3)
I_DEPGRP	Allocation flag for DEPGRP *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* GRP = 1 *Internal Notes:*	(-1:3)
I_DEPMIL	Allocation flag for DEPMIL *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MIL = 1 *Internal Notes:*	(-1:3)
I_DEPMRK	Allocation flag for DEPMRK *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRK = 1 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_DEPMRKS	Allocation flag for DEPMRKS *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKS = 1 *Internal Notes:*	(-1:3)
I_DEPMRKUN	Allocation flag for DEPMRKUN *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKUN = 1 *Internal Notes:*	(-1:3)
I_DEPNONM	Allocation flag for DEPNONM *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NONM = 1 *Internal Notes:*	(-1:3)
I_DEPPRIV	Allocation flag for DEPPRIV *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* PRIV = 1 *Internal Notes:*	(-1:3)
I_DIR	Allocation flag for DIR *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(-1:3)
I_DIROUT	Allocation flag for DIROUT *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* OWNDIR = 1 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_DIROUT1925	Allocation flag for DIROUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* DIROUT = 1 *Internal Notes:*	(-1:3)
I_DIROUT26P	Allocation flag for DIROUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* DIROUT = 1 *Internal Notes:*	(-1:3)
I_DIROUTLT19	Allocation flag for DIROUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* DIROUT = 1 *Internal Notes:*	(-1:3)
I_DISCS	Allocation flag for DIS_CS *Values:* See I_ANNVAL for allocation flag values. *Universe:* DIS_CS > 0 *Internal Notes:*	(0:9)
I_DISHP	Allocation flag for DIS_HP *Values:* See I_ANNVAL for allocation flag values. *Universe:* DIS_HP > 0 *Internal Notes:*	(0:9)
I_DISSC1	Allocation flag DIS_SC1 *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* DIS_SC1 > 0 *Internal Notes:*	(0:1)
I_DISSC2	Allocation flag for DIS_SC2 *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* DIS_SC2 > 0 *Internal Notes:*	(0:1)
I_DISVA (2)	Allocation flag for DIS_VAL Renamed to I_DISVL on pulic use file *Values:* *Universe:* *Internal Notes:*	(0:9)

Variable	Description	Range
I_DISYN	Allocation flag for DIS_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* DIS_YN > 0 *Internal Notes:*	(0:9)
I_DIVVAL	Allocation flag for DIV_VAL *Values:* See I_ANNVAL for allocation flag values. *Universe:* DIV_YN = 1 *Internal Notes:*	(0:9)
I_DIVYN	Allocation flag for DIV_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* All Persons 15+ *Internal Notes:*	(0:1)
I_DSTSC	Allocation flag for DST_SC(2) *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* DST_YN =1 *Internal Notes:*	(0:9)
I_DSTSCCOMP	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 *Internal Notes:*	(0:11)
I_DSTVAL1	Allocation flag, distribution amount from retirement, source 1 *Values:* See I_ANNVAL for allocation flag values. *Universe:* DST_VAL1 > 0 *Internal Notes:*	(0:9)
I_DSTVAL1COM	Composite allocation flag, distribution amount from first retirement, DST_VAL1 *Values:* See I_INTYN for allocation flag values. *Universe:* *Internal Notes:*	(0:11)
I_DSTVAL2	Allocation flag, distribution amount from second retirement, DST_VAL2 *Values:* See I_ANNVAL for allocation flag values. *Universe:* DST_VAL2 > 0 *Internal Notes:*	(0:9)
I_DSTVAL2COM	Composite allocation flag, distribution amount from second retirement account, DST_VAL2 *Values:* See I_INTYN for allocation flag values. *Universe:* DST_VAL2> 0 *Internal Notes:*	(0:11)
I_DSTYN	Allocation flag, distribution from retirement account, DST_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* *Internal Notes:*	(0:9)

Variable		***Description***	***Range***
I_DSTYNCOMP		Composite allocation flag, distribution from retirement account, DST_YN *Values:* See I_INTYN for allocation flag values. *Universe:* DST_YN > 0 *Internal Notes:*	(0:11)
I_EDTYP	(2)	Allocation flag for PG_YN and OED_TYP(1-3) *Values:* See I_ANNVAL for allocation flag values. *Universe:* PG_YN=1 or OED_TYP(1-3) > 0 *Internal Notes:*	(0:9)
I_EDYN		Allocation flag for ED_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* ED_YN > 0 *Internal Notes:*	(0:9)
I_ERNSRC		Allocation flag for ERN_SRCE *Values:* See I_ANNVAL for allocation flag values. *Universe:* ERN_SRCE > 0 *Internal Notes:*	(0:9)
I_ERNVAL		Allocation flag for ERN_VAL *Values:* See I_ANNVAL for allocation flag values. *Universe:* ERN_VAL > 0 *Internal Notes:*	(0:9)
I_ERNYN		Allocation flag for ERN_YN *Values:* See I_ANNVAL for allocation flag values *Universe:* ERN_YN > 0 *Internal Notes:*	(0:9)
I_ESICOULD		Allocation flag for ESICOULD *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* ESIOFFER=1 *Internal Notes:*	(-1:3)
I_ESIELIG1		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 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_ESIELIG2	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 *Internal Notes:*	(-1:3)
I_ESIELIG3	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 *Internal Notes:*	(-1:3)
I_ESIELIG4	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 *Internal Notes:*	(-1:3)
I_ESIELIG5	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 *Internal Notes:*	(-1:3)
I_ESIELIG6	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 *Internal Notes:*	(-1:3)
I_ESIOFFER	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) *Internal Notes:*	(-1:3)

Variable	Description	Range
I_ESITAKE1	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 *Internal Notes:*	(-1:3)
I_ESITAKE2	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 *Internal Notes:*	(-1:3)
I_ESITAKE3	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 *Internal Notes:*	(-1:3)
I_ESITAKE4	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 *Internal Notes:*	(-1:3)
I_ESITAKE5	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 *Internal Notes:*	(-1:3)
I_ESITAKE6	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 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_ESITAKE7	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 *Internal Notes:*	(-1:3)
I_ESITAKE8	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 *Internal Notes:*	(-1:3)
I_FINVAL	Allocaiton flag for FIN_VAL *Values:* See I_ANNVAL for allocation flag values. *Universe:* FIN_VAL > 0 *Internal Notes:*	(0:9)
I_FINYN	Allocaiton flag for FIN_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* FIN_YN > 0 *Internal Notes:*	(0:9)
I_FL_WSTAT	Allocation flag for fl_wstat *Values:* *Universe:* *Internal Notes:*	(0:1)
I_FRMVAL	Allocation flag for FRM_VAL *Values:* See I_ANNVAL for allocation flag values. *Universe:* FRM_VAL > 0 *Internal Notes:*	(0:9)
I_FRMYN	Allocaiton flag for FRM_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* FRM_YN > 0 *Internal Notes:*	(0:9)
I_GRP	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 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_GRPOUT	Allocation flag for GRPOUT *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* OWNGRP = 1 *Internal Notes:*	(-1:3)
I_GRPOUT1925	Allocation flag for GRPOUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* GRPOUT = 1 *Internal Notes:*	(-1:3)
I_GRPOUT26P	Allocation flag for GRPOUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* GRPOUT = 1 *Internal Notes:*	(-1:3)
I_GRPOUTLT19	Allocation flag for GRPOUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* GRPOUT = 1 *Internal Notes:*	(-1:3)
I_HEA	Allocation flag for HEA *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All persons *Internal Notes:*	(-1:3)
I_HIPAID	Allocation flag for HIPAID *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* OWNGRP = 1 *Internal Notes:*	(-1:3)

Variable	***Description***	***Range***
I_HRCHK	Allocation flag for HRCHECK *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* HRCHECK > 0 *Internal Notes:*	(0:9)
I_HRSWK	Allocation flag for HRSWK *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* HRSWK > 0 *Internal Notes:*	(0:9)
I_IHSFLG	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 *Internal Notes:*	(-1:3)
I_INDUS	Allocation flag for INDUSTRY *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* WKSWORK > 0 *Internal Notes:*	(0:9)
I_INDUS2	Flag for change to occupation in consistency edit *Values:* 0 = No change or not in universe 1 = Changed in consistency edit *Universe:* Industry > 0 *Internal Notes:* Temporary variable to check the function of the new 2020 consistency edits	(0:1)
I_INTVAL	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 *Internal Notes:*	(0:15)

Variable	Description	Range
I_INTYN	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 *Internal Notes:*	(0:11)
I_LJCW	Allocation flag for LJCW *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* LJCW > 0 *Internal Notes:*	(0:9)
I_LJCW2	Flag for change to class of worker in consistency edit *Values:* 0 = Not changed or not in universe 1 = Change in consistency edit *Universe:* LJCW > 0 *Internal Notes:* Temporary variable to check the function of the new 2020 consistency edits	(0:1)
I_LKSTR	Allocation flag for LKSTRCH *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* LKSTRCH > 0 *Internal Notes:*	(0:9)
I_LKWEEK	Allocation flag for LKWEEKS *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* LKWEEKS > 0 *Internal Notes:*	(0:9)
I_LOSEWK	Allocation flag for LOSEWKS *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* LOSEWKS > 0 *Internal Notes:*	(0:9)
I_MCAID	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 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_MCARE	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 *Internal Notes:*	(-1:3)
I_MCPREM	Allocation flag: Medicare premium amount (PEMCPREM) *Values:* 0=Reported 2=Logical Imputation -1=NIU *Universe:* MCARE=1 *Internal Notes:*	(-1:2)
I_MIG1	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 *Internal Notes:*	(0:5)
I_MIG2	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 *Internal Notes:* Additonal detail for internal users: 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)	(0:10)
I_MIG3	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 *Internal Notes:*	(0:5)

Variable	Description	Range
I_MIL	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 *Internal Notes:*	(-1:3)
I_MILOUT	Allocation flag for MILOUT *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* OWNMIL = 1 *Internal Notes:*	(-1:3)
I_MILOUT1925	Allocation flag for MILOUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MILOUT = 1 *Internal Notes:*	(-1:3)
I_MILOUT26P	Allocation flag for MILOUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MILOUT = 1 *Internal Notes:*	(-1:3)
I_MILOUTLT19	Allocation flag for MILOUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MILOUT = 1 *Internal Notes:*	(-1:3)
I_MMVAL	Allocation flag, interest income amount, money market acct. *Values:* *Universe:* *Internal Notes:*	(0:9)
I_MMYN	Allocation flag, interest income, money market, y/n *Values:* *Universe:* *Internal Notes:*	(0:9)

Variable	Description	Range
I_MOOP	Allocation flag for MOOP *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(-1:3)
I_MOOP2	Allocation flag for MOOP2 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(-1:3)
I_MRK	Allocation flag for MRK *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(-1:3)
I_MRKOUT	Allocation flag for MRKOUT *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* OWNMRK = 1 *Internal Notes:*	(-1:3)
I_MRKOUT1925	Allocation flag for MRKOUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKOUT = 1 *Internal Notes:*	(-1:3)
I_MRKOUT26P	Allocation flag for MRKOUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKOUT = 1 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_MRKOUTLT19	Allocation flag for MRKOUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKOUT = 1 *Internal Notes:*	(-1:3)
I_MRKS	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 *Internal Notes:*	(-1:3)
I_MRKSOUT	Allocation flag for MRKSOUT *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* OWNMRKS = 1 *Internal Notes:*	(-1:3)
I_MRKSOUT192	Allocation flag for MRKSOUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKSOUT = 1 *Internal Notes:*	(-1:3)
I_MRKSOUT26P	Allocation flag for MRKSOUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKSOUT = 1 *Internal Notes:*	(-1:3)
I_MRKSOUTLT1	Allocation flag for MRKSOUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKSOUT = 1 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_MRKUN	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 *Internal Notes:*	(-1:3)
I_MRKUNOUT	Allocation flag for MRKUNOUT *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* OWNMRKUN = 1 *Internal Notes:*	(-1:3)
I_MRKUNOUT19	Allocation flag for MRKUNOUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKUNOUT = 1 *Internal Notes:*	(-1:3)
I_MRKUNOUT26	Allocation flag for MRKUNOUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKUNOUT = 1 *Internal Notes:*	(-1:3)
I_MRKUNOUTL	Allocation flag for MRKUNOUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKUNOUT = 1 *Internal Notes:*	(-1:3)
I_NOEMP	Allocation flag for NOEMP *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* NOEMP > 0 *Internal Notes:*	(0:9)

Variable	Description	Range
I_NONM	Allocation flag for NONM *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(-1:3)
I_NONMOUT	Allocation flag for NONMOUT *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* OWNNONM = 1 *Internal Notes:*	(-1:3)
I_NONMOUT192	Allocation flag for NONMOUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NONMOUT = 1 *Internal Notes:*	(-1:3)
I_NONMOUT26	Allocation flag for NONMOUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NONMOUT = 1 *Internal Notes:*	(-1:3)
I_NONMOUTLT1	Allocation flag for NONMOUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NONMOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_CAID	Allocation flag for NOW_CAID *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)

Variable	Description	Range
I_NOW_CHAMP	Allocation flag for NOW_CHAMPVA *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NOW_DEPDIR	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 *Internal Notes:*	(-1:3)
I_NOW_DEPGR	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 *Internal Notes:*	(-1:3)
I_NOW_DEPMIL	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 *Internal Notes:*	(-1:3)
I_NOW_DEPMR	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 *Internal Notes:*	(-1:3)
I_NOW_DEPMR	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 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_NOW_DEPMR	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 *Internal Notes:*	(-1:3)
I_NOW_DEPNO	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 *Internal Notes:*	(-1:3)
I_NOW_DEPPRI	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 *Internal Notes:*	(-1:3)
I_NOW_DIR	Allocation flag for NOW_DIR *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NOW_DIROUT	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 *Internal Notes:*	(-1:3)
I_NOW_DIROUT	Allocation flag for NOW_DIROUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_DIROUT = 1 *Internal Notes:*	(-1:3)

Variable	***Description***	***Range***
I_NOW_DIROUT	Allocation flag for NOW_DIROUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_DIROUT = 1 *Internal Notes:*	(-1:3)
I_NOW_DIROUT	Allocation flag for NOW_DIROUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_DIROUT = 1 *Internal Notes:*	(-1:3)
I_NOW_GRP	Allocation flag for NOW_GRP *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NOW_GRPOU	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 *Internal Notes:*	(-1:3)
I_NOW_GRPOU	Allocation flag for NOW_GRPOUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_GRPOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_GRPOU	Allocation flag for NOW_GRPOUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_GRPOUT = 1 *Internal Notes:*	(-1:3)

Variable	***Description***	***Range***
I_NOW_GRPOU	Allocation flag for NOW_GRPOUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_GRPOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_HIPAID	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 *Internal Notes:*	(-1:3)
I_NOW_IHSFLG	Allocation flag for NOW_IHSFLG *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NOW_MCAID	Allocation flag for NOW_MCAID *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NOW_MCARE	Allocation flag for NOW_MCARE *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NOW_MIL	Allocation flag for NOW_MIL *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NOW_MILOUT	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 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_NOW_MILOUT	Allocation flag for NOW_MILOUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_MILOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_MILOUT	Allocation flag for NOW_MILOUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_MILOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_MILOUT	Allocation flag for NOW_MILOUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_MILOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_MRK	Allocation flag for MRK *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NOW_MRKOU	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 *Internal Notes:*	(-1:3)
I_NOW_MRKOU	Allocation flag for NOW_MRKOUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_MRKOUT = 1 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_NOW_MRKOU	Allocation flag for NOW_MRKOUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_MRKOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_MRKOU	Allocation flag for NOW_MRKOUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_MRKOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_MRKS	Allocation flag for MRKS *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NOW_MRKSO	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 *Internal Notes:*	(-1:3)
I_NOW_MRKSO	Allocation flag for NOW_MRKSOUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_MRKSOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_MRKSO	Allocation flag for NOW_MRKSOUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_MRKSOUT = 1 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_NOW_MRKSO	Allocation flag for NOW_MRKSOUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_MRKSOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_MRKUN	Allocation flag for MRKUN *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NOW_MRKUN	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 *Internal Notes:*	(-1:3)
I_NOW_MRKUN	Allocation flag for NOW_MRKUNOUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_MRKUNOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_MRKUN	Allocation flag for NOW_MRKUNOUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_MRKUNOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_MRKUN	Allocation flag for NOW_MRKUNOUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_MRKUNOUT = 1 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_NOW_NONM	Allocation flag for NOW_NONM *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NOW_NONMO	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 *Internal Notes:*	(-1:3)
I_NOW_NONMO	Allocation flag for NOW_NONMOUT1925 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_NONMOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_NONMO	Allocation flag for NOW_NONMOUT26P *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_NONMOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_NONMO	Allocation flag for NOW_NONMOUTLT19 *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_NONMOUT = 1 *Internal Notes:*	(-1:3)
I_NOW_OTHMT	Allocation flag for NOW_OTHMT *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)

Variable	Description	Range
I_NOW_OUTDIR	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 *Internal Notes:*	(-1:3)
I_NOW_OUTGR	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 *Internal Notes:*	(-1:3)
I_NOW_OUTMIL	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 *Internal Notes:*	(-1:3)
I_NOW_OUTMR	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 *Internal Notes:*	(-1:3)
I_NOW_OUTMR	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 *Internal Notes:*	(-1:3)
I_NOW_OUTMR	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 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_NOW_OUTNO	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 *Internal Notes:*	(-1:3)
I_NOW_OUTPRI	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 *Internal Notes:*	(-1:3)
I_NOW_OWNDI	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 *Internal Notes:*	(-1:3)
I_NOW_OWNG	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 *Internal Notes:*	(-1:3)
I_NOW_OWNMI	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 *Internal Notes:*	(-1:3)
I_NOW_OWNM	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 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_NOW_OWNM	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 *Internal Notes:*	(-1:3)
I_NOW_OWNM	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 *Internal Notes:*	(-1:3)
I_NOW_OWNN	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 *Internal Notes:*	(-1:3)
I_NOW_OWNP	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 *Internal Notes:*	(-1:3)
I_NOW_PCHIP	Allocation flag for NOW_PCHIP *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NOW_PRIV	Allocation flag for NOW_PRIV *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)

Variable	Description	Range
I_NOW_PUB	Allocation flag for NOW_PUB *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NOW_SHOP	Allocation flag for NOW_SHOP *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NOW_OWNGRP = 1 *Internal Notes:*	(-1:3)
I_NOW_VACAR	Allocation flag for NOW_VACARE *Values:* 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* All Persons *Internal Notes:*	(0:3)
I_NWLKWK	Allocation flag for NWLKWK *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* NWLKWK > 0 *Internal Notes:*	(0:9)
I_NWLOOK	Allocation flag for NWLOOK *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* NWLOOK > 0 *Internal Notes:*	(0:9)
I_NXTRES	Imputation flag for NXTRES *Values:* 0 = niu, or not changed. 1 = assigned from householder 2 = assigned from spouse 3 = assigned from parent 1 4 = assinged from parent 2 5 = allocated from matrix *Universe:* NXTRES > 0 *Internal Notes:*	(0:5)
I_OCCUP	Allocation flag for OCCUP *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* WKSWORK > 0 *Internal Notes:*	(0:9)

Variable	Description	Range
I_OCCUP2	Flag for change to occupation in consistency edit *Values:* 0 = No change or not in universe 1 = Changed in consistency edit *Universe:* Occup > 0 *Internal Notes:* Temporary variable to check the function of the new 2020 consistency edits	(0:1)
I_OEDVAL	Allocation flag for ED_VAL *Values:* See I_ANNVAL for allocation flag values. *Universe:* ED_YN=1 *Internal Notes:* Allocation flag for OED_VAL, which is combined with PG_VAL to create ED_VAL in public use file	(0:9)
I_OINTVAL	Allocation flag, interest amt., other *Values:* *Universe:* *Internal Notes:*	(0:9)
I_OINTYN	Allocation flag, interest income, other type y/n *Values:* *Universe:* *Internal Notes:*	(0:9)
I_OIVAL	Allocation flag for OI_VAL *Values:* See I_ANNVAL for allocation flag values. *Universe:* OI_VAL > 0 *Internal Notes:*	(0:9)
I_OTHMT	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 *Internal Notes:*	(-1:3)
I_OUTDIR	Allocation flag for OUTDIR *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* DIR = 1 *Internal Notes:*	(-1:3)
I_OUTGRP	Allocation flag for OUTGRP *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* GRP = 1 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_OUTMIL	Allocation flag for OUTMIL *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MIL = 1 *Internal Notes:*	(-1:3)
I_OUTMRK	Allocation flag for OUTMRK *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRK = 1 *Internal Notes:*	(-1:3)
I_OUTMRKS	Allocation flag for OUTMRKS *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKS = 1 *Internal Notes:*	(-1:3)
I_OUTMRKUN	Allocation flag for OUTMRKUN *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKUN = 1 *Internal Notes:*	(-1:3)
I_OUTNONM	Allocation flag for OUTNONM *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NONM = 1 *Internal Notes:*	(-1:3)
I_OUTPRIV	Allocation flag for OUTPRIV *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* PRIV = 1 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_OWNDIR	Allocation flag for OWNDIR *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* DIR = 1 *Internal Notes:*	(-1:3)
I_OWNGRP	Allocation flag for OWNGRP *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* GRP = 1 *Internal Notes:*	(-1:3)
I_OWNMIL	Allocation flag for OWNMIL *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MIL = 1 *Internal Notes:*	(-1:3)
I_OWNMRK	Allocation flag for OWNMRK *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRK = 1 *Internal Notes:*	(-1:3)
I_OWNMRKS	Allocation flag for OWNMRKS *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKS = 1 *Internal Notes:*	(-1:3)
I_OWNMRKUN	Allocation flag for OWNMRKUN *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* MRKUN = 1 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_OWNNONM	Allocation flag for OWNNONM *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* NONM = 1 *Internal Notes:*	(-1:3)
I_OWNPRIV	Allocation flag for OWNPRIV *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* PRIV = 1 *Internal Notes:*	(-1:3)
I_PAW_SC	Allocation flag for PAW_SC1(2) *Values:* *Universe:* *Internal Notes:*	(0:9)
I_PAWMO	Allocation flag for PAW_MON *Values:* See I_ANNVAL for allocation flag values. *Universe:* PAW_MON > 0 *Internal Notes:*	(0:9)
I_PAWTYP	Allocation flag for PAW_TYP *Values:* See I_ANNVAL for allocation flag values. *Universe:* PAW_TYP > 0 *Internal Notes:*	(0:9)
I_PAWVAL	Allocation flag for PAW_VAL *Values:* See I_ANNVAL for allocation flag values. *Universe:* PAW_VAL > 0 *Internal Notes:*	(0:9)
I_PAWYN	Allocation flag for PAW_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* PAW_YN > 0 *Internal Notes:*	(0:9)
I_PCHIP	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 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_PECOULD	Allocation flag for PECOULD *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* PEOFFER = 1 *Internal Notes:*	(-1:3)
I_PENINC	Allocation flag for PENINCL *Values:* See I_ANNVAL for allocation flag values. *Universe:* PENINCL > 0 *Internal Notes:*	(0:9)
I_PENPLA	Allocation flag for PENPLAN *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* PENPLAN > 0 *Internal Notes:*	(0:9)
I_PENSC1	Allocation flag for PEN_SC1 *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* PEN_SC1 > 0 *Internal Notes:*	(0:9)
I_PENSC2	Allocation flag PEN_SC2 *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* PEN_SC2 > 0 *Internal Notes:*	(0:9)
I_PENVAL1	Allocation flag, PEN_VAL1 *Values:* See I_ANNVAL for allocation flag values. *Universe:* PEN_VAL1 > 0 *Internal Notes:*	(0:9)
I_PENVAL2	Allocation flag PEN_VAL2 *Values:* See I_ANNVAL for allocation flag values. *Universe:* PEN_VAL2 > 0 *Internal Notes:*	(0:9)
I_PENYN	Allocation flag for PEN_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* PEN_YN > 0 *Internal Notes:*	(0:9)

Variable	Description	Range
I_PEOFFER	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) *Internal Notes:*	(-1:3)
I_PEWNELIG1	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 *Internal Notes:*	(-1:3)
I_PEWNELIG2	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 *Internal Notes:*	(-1:3)
I_PEWNELIG3	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 *Internal Notes:*	(-1:3)
I_PEWNELIG4	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 *Internal Notes:*	(-1:3)
I_PEWNELIG5	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 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_PEWNELIG6	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 *Internal Notes:*	(-1:3)
I_PEWNTAKE1	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 *Internal Notes:*	(-1:3)
I_PEWNTAKE2	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 *Internal Notes:*	(-1:3)
I_PEWNTAKE3	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 *Internal Notes:*	(-1:3)
I_PEWNTAKE4	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 *Internal Notes:*	(-1:3)
I_PEWNTAKE5	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 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_PEWNTAKE6	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 *Internal Notes:*	(-1:3)
I_PEWNTAKE7	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 *Internal Notes:*	(-1:3)
I_PEWNTAKE8	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 *Internal Notes:*	(-1:3)
I_PGVAL	Allocation flag, pell grant amount PG_VAL *Values:* *Universe:* ED_YN=1 and PG_YN=1 *Internal Notes:*	(0:9)
I_PHIPVAL	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 *Internal Notes:*	(-1:3)
I_PHIPVAL2	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 *Internal Notes:*	(-1:3)
I_PHMEMP	Allocation flag for PHMEMPRS *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* PHMEMPRS > 0 *Internal Notes:*	(0:9)

Variable	Description	Range
I_PMEDVAL	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 *Internal Notes:*	(-1:3)
I_POTCVAL	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 *Internal Notes:*	(-1:3)
I_PRIV	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 *Internal Notes:*	(-1:3)
I_PTRSN	Allocation flag for PTRSN *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* PTRSN *Internal Notes:*	(0:9)
I_PTWKS	Allocation flag for PTWEEKS *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* PTWEEKS > 0 *Internal Notes:*	(0:9)
I_PTYN	Allocation flag for PTYN *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* PTYN > 0 *Internal Notes:*	(0:9)
I_PUB	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 *Internal Notes:*	(-1:3)

Variable	***Description***	***Range***
I_PYRSN	Allocation flag for PYRSN *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* PYRSN > 0 *Internal Notes:*	(0:9)
I_RETCBVAL	Imputation flag for RETCB_VAL *Values:* See I_ANNVAL for allocation flag values. *Universe:* RETCB_VAL > 0 *Internal Notes:*	(0:9)
I_RETCBYN	Imputation flag for RETCB_YN *Values:* See I_ANNVAL for allocation flag values. *Universe:* RETCB_YN > 0 *Internal Notes:*	(0:9)
I_RINTSC	Allocation flag for RINT_SC1 *Values:* See I_ANNVAL for allocation flag values *Universe:* RINT_SC1 > 0 *Internal Notes:*	(0:9)
I_RINTVAL1	Allocation flag for RINT_VAL1 *Values:* See I_ANNVAL for allocation flag values *Universe:* RINT_VAL1 > 0 *Internal Notes:*	(0:9)
I_RINTVAL2	Allocation flag for RINT_VAL2 *Values:* See I_ANNVAL for allocation flag values *Universe:* RINT_VAL2 > 0 *Internal Notes:*	(0:9)
I_RINTYN	Allocation flag for RINT_YN *Values:* See I_ANNVAL for allocation flag values *Universe:* RINT_YN > 0 *Internal Notes:*	(0:9)
I_RNTVAL	Allocation flag for RNT_VAL *Values:* See I_ANNVAL for allocation flag values *Universe:* RNT_VAL > 0 *Internal Notes:*	(0:9)
I_RNTYN	Allocation flag for RNT_YN *Values:* See I_ANNVAL for allocation flag values *Universe:* RNT_YN > 0 *Internal Notes:*	(0:9)

Variable		Description	Range
I_ROLPCT	(2)	Allocation flag for rollover percent, for cases who report a valid rollover amount, but no valid distribution amount *Values:* *Universe:* *Internal Notes:*	(0:1)
I_ROLVAL	(2)	Allocation flag for grol_val *Values:* *Universe:* *Internal Notes:*	(0:9)
i_rolyn	(2)	Alloccation flag, rollover recipiency *Values:* *Universe:* *Internal Notes:*	(0:1)
I_RSNNOT		Allocation flag for RSNNOTW *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* RSNNOTW > 0 *Internal Notes:*	(0:9)
I_SAVEVAL		Allocation flag, interest income amount, savings account *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SAVEYN		Allocation flag, interest income, savings account, y/n *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SEVAL		Allocation flag for SE_VAL *Values:* See I_ANNVAL for allocation flag values *Universe:* SE_VAL > 0 *Internal Notes:*	(0:9)
I_SEYN		Allocation flag for SEOTR *Values:* See I_ANNVAL for allocation flag values *Universe:* SE_YN > 0 *Internal Notes:*	(0:9)
I_SHOP		Allocation flag for SHOP *Values:* -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation *Universe:* OWNGRP = 1 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_SSDTOT	Allocation flag, Social Security disablilty total *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SSIKSC	Allocation flag, Source SSI for kids *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SSIKTOT	Allocation flag, SSI for kids, total *Values:* *Universe:* *Internal Notes:*	(0:9)
i_ssikyn	Allocation flag for ssik_yn *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SSIRYN	Allocation flag for ssi_yn, not including ssik_yn *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SSISC	Allocation flag, source SS *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SSITOT	Allocation flag, SSI total *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SSIVAL	Allocation flag for SSI_VAL *Values:* See I_INTVAL for allocation flag values. *Universe:* SSI_VAL > 0 *Internal Notes:*	(0:15)
I_SSIYN	Allocation flag for SSI_YN *Values:* See I_INTYN for allocation flag values. *Universe:* SSI_YN > 0 *Internal Notes:*	(0:11)
i_ssktot	Allocation flag for ssk_tot *Values:* *Universe:* *Internal Notes:*	(0:9)

Variable	Description	Range
i_sskyn	Allocation flag for ssk_yn *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SSRYN	Allocation flag for ss_yn, not including ssk_yn *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SSSC	Allocation flag, source SS *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SSTOT	Allocations flag for ss_tot *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SSVAL	Composite allocation flag for SS_VAL *Values:* See I_INTVAL for allocation flag values. *Universe:* SS_VAL > 0 *Internal Notes:* Combines information from i_sstot, i_ssdtot, and i_ssktot.	(0:15)
I_SSYN	Composite allocation flag for SS_YN *Values:* See I_INTYN for allocation flag values. *Universe:* SS_YN > 0 *Internal Notes:* Combines information from i_ssryn and i_sskyn.	(0:11)
I_STRKUC	Allocation flag for item strkuc *Values:* *Universe:* *Internal Notes:*	(0:9)
I_STRKUCTOT	Allocation flag, Strike benefits, total *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SUBUC	Allocation flag for subuc *Values:* *Universe:* *Internal Notes:*	(0:9)
I_SUBUCTOT	Allocaiton flag, Supp Unemp Benefits *Values:* *Universe:* *Internal Notes:*	(0:9)

Variable	Description	Range
I_SURSC1	Allocation flag for SUR_SC1 *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* SUR_SC1 > 0 *Internal Notes:*	(0:1)
I_SURSC2	Allocation flag for SUR_SC2 *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* SUR_SC2 > 0 *Internal Notes:*	(0:1)
I_SURVA	Allocation flag, survl Renamed i_survl on public use file *Values:* See I_ANNVAL for allocation flag values *Universe:* SUR_VAL(2) > 0 *Internal Notes:*	(0:9)
I_SURYN	Allocation flag for SUR_YN *Values:* See I_ANNVAL for allocation flag values *Universe:* SUR_YN > 0 *Internal Notes:*	(0:9)
I_UCTOT	Allocation flag, Unemp. Comp Total *Values:* *Universe:* *Internal Notes:*	(0:9)
I_UCTOTYN	Allocation flag, uctot_yn *Values:* *Universe:* *Internal Notes:*	(0:9)
I_UCVAL	Composite allocation flag for all unemployment compensation compenents *Values:* See I_INTVAL for allocation flag values. *Universe:* UC_VAL > 0 *Internal Notes:*	(0:15)
I_UCYN	Composite allocation flag for all unemployment compensation compenents *Values:* See I_INTYN for allocation flag values. *Universe:* UC_YN > 0 *Internal Notes:*	(0:11)
I_VACARE	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 *Internal Notes:*	(-1:3)

Variable	Description	Range
I_VETQVA	Allocation flag for VET_QVA *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* VET_QVA > 0 *Internal Notes:*	(0:9)
I_VETTOT1	Imputation flag, Veterans benefits, total *Values:* *Universe:* *Internal Notes:*	(0:9)
I_VETTOT2	Imputation flag, Veterans benefit, total *Values:* *Universe:* *Internal Notes:*	(0:9)
I_VETTYP	Allocation flag for VET_TYP *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* VET_TYP > 0 *Internal Notes:*	(0:9)
I_VETVAL	Composite allocation flag for all components of veterans income *Values:* See I_INTVAL for allocation flag values. *Universe:* VET_VAL > 0 *Internal Notes:* Composite allocation flag for i_vettot1 and i_vettot2	(0:15)
I_VETYN	Allocation flag for VET_YN *Values:* See I_ANNVAL for allocation flag values *Universe:* VET_YN > 0 *Internal Notes:*	(0:9)
I_WCTYP	Allocation flag for WC_TYPE *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* WC_TYPE > 0 *Internal Notes:*	(0:9)
I_WCVAL	Allocation flag for WC_VAL *Values:* See I_ANNVAL for allocation flag values *Universe:* WC_VAL > 0 *Internal Notes:*	(0:9)
I_WCYN	Allocation flag for WC_YN *Values:* See I_ANNVAL for allocation flag values *Universe:* WC_YN > 0 *Internal Notes:*	(0:9)

Variable	Description	Range
I_WKCHK	Allocation flag for WKCHECK *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* WKCHECK > 0 *Internal Notes:*	(0:9)
I_WKSWK	Allocation flag for WKSWORK *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* WKSWORK > 0 *Internal Notes:*	(0:9)
I_WORKYN	Allocation flag for WORKYN *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* All persons 15+ *Internal Notes:*	(0:9)
I_WSVAL	Allocation flag for WS_VAL *Values:* See I_ANNVAL for allocation flag values *Universe:* WS_VAL > 0 *Internal Notes:*	(0:9)
I_WSYN	Allocation flag for WS_YN *Values:* See I_ANNVAL for allocation flag values *Universe:* WS_YN > 0 *Internal Notes:*	(0:9)
I_WTEMP	Allocation flag for WTEMP *Values:* 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) *Universe:* *Internal Notes:*	(0:9)
IHSFLG	Coverage through the Indian Health Service last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
IHSFLG_LCSP1	Left-censored - 1st spell of Indian Health Service coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* IHSFLG=1 *Internal Notes:*	(0:2)

Variable	Description	Range
IHSFLG_MON	Number of months with coverage through the Indian Health Service *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
IHSFLG_RCSP1	Right-censored - 1st spell of Indian Health Service coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* IHSFLG=1 *Internal Notes:*	(0:2)
IHSFLG_RCSP2	Right-censored - 2nd spell of Indian Health Service coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* IHSFLG=1 *Internal Notes:*	(0:2)
IHSFLG_SP1	Length of the 1st spell of Indian Health Service coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
IHSFLG_SP2	Length of the 2nd spell of Indian Health Service coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
INDUSTRY	Industry of longest job last year. See Appendix A for values. *Values:* 0 = niu 1-9999 = industry code *Universe:* WKSWORK > 0 *Internal Notes:*	(0:9999)
INT_VAL	Edited total combined interest income *Values:* 0 = none or niu; 1- 999,999 = dollar amount *Universe:* INT_YN = 1 *Internal Notes:* Edited total combined interest income (rint_val1 + rint_val2 + check_val + save_val + mm_val + cd_val + bond_val + oint_val)	(0:999999)
INT_YN	Edited total combined interest income, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
ITEM_AMT	Itemized deduction amount *Values:* 0 = none; dollar amount *Universe:* Tax unit head or dependent filer *Internal Notes:*	(0:499999)

Variable	Description	Range
LJCW	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 *Internal Notes:*	(0:7)
LKNONE	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 *Internal Notes:*	(0:1)
LKSTRCH	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 *Internal Notes:*	(0:3)
LKWEEKS	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 *Internal Notes:*	(0:51)
LOSEWKS	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 *Internal Notes:*	(0:2)
MARG_TAX	Marginal tax rate *Values:* 0 = none; marginal rate *Universe:* Tax unit head or dependent filer *Internal Notes:* External value is rounded to the nearest % and internal is not. SESHD file has 1 implied decimal place.	(000:999)
MARSUPWT	ASEC Supplement final weight *Values:* 2 implied decimals (example: 255212=2552.12) *Universe:* All persons *Internal Notes:* SEHSD file: Weight in thousands Internal file: 4 implied decimals	(0000000:9999999999)

Variable	Description	Range
MCAID	Medicaid, PCHIP or other means-tested coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
MCAID_CYR	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 *Internal Notes:*	(0:3)
MCAID_LCSP1	Left-censored - 1st spell of Medicaid, PCHIP or other means-tested coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MCAID = 1 *Internal Notes:*	(0:2)
MCAID_MON	Number of months with Medicaid, PCHIP, or other means-tested coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MCAID_RCSP1	Right-censored - 1st spell of Medicaid, PCHIP or other means-tested coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MCAID = 1 *Internal Notes:*	(0:2)
MCAID_RCSP2	Right-censored - 2nd spell of Medicaid, PCHIP or other means-tested coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MCAID = 1 *Internal Notes:*	(0:2)
MCAID_SP1	Length of the 1st spell of Medicaid, PCHIP or other means-tested coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MCAID_SP2	Length of the 2nd spell of Medicaid, PCHIP or other means-tested coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)

Variable	Description	Range
MCARE	Medicare coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
MCARE_LCSP1	Left-censored - 1st spell of Medicare coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MCARE = 1 *Internal Notes:*	(0:2)
MCARE_MON	Number of months with Medicare coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MCARE_RCSP1	Right-censored - 1st spell of Medicare coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MCARE = 1 *Internal Notes:*	(0:2)
MCARE_RCSP2	Right-censored - 2nd spell of Medicare coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MCARE = 1 *Internal Notes:*	(0:2)
MCARE_SP1	Length of the 1st spell of Medicare coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MCARE_SP2	Length of the 2nd spell of Medicare coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MIG_CBSA	Core-Based Statistical Area Code July 2003 OMB definition ('99999' not in an CSBA) *Values:* *Universe:* *Internal Notes:*	(0:99999)

Variable	***Description***	***Range***
MIG_CNT	country of previous residence. 000 = Not in universe or movers within U.S. 059-554,556-694 = Country code (including alternative names) 555,695-696 = Country not specified *Values:* *Universe:* *Internal Notes:*	(0:0,60:696)
MIG_CSA	Combined Statistical Area Code July 2003 OMB definition ('999' not in an CSA) *Values:* *Universe:* *Internal Notes:*	(0:999)
MIG_CTY	fips county code from grin file 0 = nonmatch *Values:* *Universe:* *Internal Notes:*	(0:999)
MIG_DIS	One implied decimal place. Migration distance 0 - 999999 : mile(s) traveled (1 implied decimal). *Values:* *Universe:* *Internal Notes:*	(0:999999)
MIG_DIV	Census division of previous year residence *Values:* 0 = not in universe (under 1 year old) 1 = new england 2 = middle atlantic 3 = east north central 4 = west north central 5 = south atlantic 6 = east south central 7 = west south central 8 = mountain 9 = pacific 10 = abroad *Universe:* A_AGE > 0 *Internal Notes:*	(0:10)
MIG_FMCD	FIPS County Subdivision Code (applicable in New England states only) *Values:* *Universe:* *Internal Notes:*	(0:99999)

Variable	Description	Range
MIG_FPLC	FIPS Place Code ('99999' indicates portion of county or MCD not in any place) *Values:* *Universe:* *Internal Notes:*	(0:99999)
MIG_MCD	mcd/ccd code identifying a township, town or equivalent census defined area in the nine northeastern states, Michigan, Minnesota and Wisconsin. - from the grin file *Values:* *Universe:* *Internal Notes:*	(0:999)
MIG_MTR1	Mover recode - metropolitan status before and after move *Values:* 1 = Nonmover 2 = Metro to metro 3 = Metro to non-metro 4 = Non-metro to metro 5 = Non-metro to non-metro 6 = Abroad to metro 7 = Abroad to non-metro 8 = Not in universe (Children under 1 year old) 9 = Not identifiable *Universe:* MIGSAME=2,3 *Internal Notes:* Expanded categories on internal file: 1 = nonmover within metro area: 2 = within same principal city 3 = between principal cities 4 = balance to balance 5 = principal city to balance 6 = balance to principal city between metro areas: 7 = principal city to principal city 8 = balance to balance 9 = principal city to balance 10 = balance to principal city other: 11 = principal city to outside metro areas 12 = balance to outside metro areas 13 = outside metro areas to principal city 14 = outside metro areas to balance of metro areas 15 = outside metro areas at both dates 16 = abroad to principal city 17 = abroad to balance of metro areas 18 = abroad to outside metro areas 19 = not in universe (children under 1 yr old)	(0:19)
MIG_MTR3	Mover recode - within area moves *Values:* 1 = Nonmover 2 = Same county 3 = Different county, same state 4 = Different state, same division 5 = Different division, same region 6 = Different region 7 = Abroad 8 = Not in universe (children under 1 yr old) *Universe:* MIGSAME=2,3 *Internal Notes:*	(0:8)

Variable	Description	Range
MIG_MTR4	Mover recode - region of previous residence *Values:* 1 = nonmover 2 = same county 3 = different county, same state 4 = different state in northeast 5 = different state in midwest 6 = different state in south 7 = different state in west 8 = abroad, foreign country 9 = not in universe (children under 1 yr old) *Universe:* MIGSAME=2,3 *Internal Notes:*	(0:9)
MIG_PLC	place code from grin file 0 = not applicable 9999 = not a place *Values:* *Universe:* *Internal Notes:*	(0:9999)

Variable	***Description***	***Range***
MIG_REG	Census region	(0:5)

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

Universe: MIGSAME=2,3

Internal Notes:

```
1 .Northeast
V .Maine
V .New Hampshire
V .Vermont
V .Massachusetts
V .Rhode Island
V .Connecticut
V .New York
V .New Jersey
V .Pennsylvania
V 2 .Midwest
V .Ohio
V .Indiana
V .Illinois
V .Michigan
V .Wisconsin
V .Minnesota
V .Iowa
V .Missouri
V .North Dakota
V .South Dakota
V .Nebraska
V .Kansas
V 3 .South
V .Delaware
V .Maryland
V .District of Columbia
V .Virginia
V .West Virginia
V .North Carolina
V .South Carolina
V .Georgia
V .Florida
V .Kentucky
V .Tennessee
V .Alabama
V .Mississippi
V .Arkansas
V .Louisiana
V .Oklahoma
V .Texas
V 4 .West
V .Montana
V .Idaho
V .Wyoming
V .Colorado
V .New Mexico
V .Arizona
V .Utah
V .Nevada
V .Washington
V .Oregon
V .California
V .Alaska
V .Hawaii
V 5 .Abroad
```

Variable	***Description***	***Range***
MIG_ST	FIPS State code of previous residence *Values:* 00 = niu 01 = alabama 02 = alaska 04 = arizona 05 = arkansas 06 = california 08 = colorado 09 = connecticut 10 = delaware 11 = district of columbia 12 = florida 13 = georgia 15 = hawaii 16 = idaho 17 = illinois 18 = indiana 19 = iowa 20 = kansas 21 = kentucky 22 = louisiana 23 = maine 24 = maryland 25 = massachusetts 26 = michigan 27 = minnesota 28 = mississippi 29 = missouri 30 = montana 31 = nebraska 32 = nevada 33 = new hampshire 34 = new jersey 35 = new mexico 36 = new york 37 = north carolina 38 = north dakota 39 = ohio 40 = oklahoma 41 = oregon 42 = pennsylvania 44 = rhode island 45 = south carolina 46 = south dakota 47 = tennessee 48 = texas 49 = utah 50 = vermont 51 = virginia 53 = washington 54 = west virginia 55 = wisconsin 56 = wyoming 96 = abroad *Universe:* MIGSAME=2,3 *Internal Notes:*	(0:96)
MIGCBSADV	Metropolitan Division Code July 2003 OMB definition ('99999' not in a division) *Values:* *Universe:* *Internal Notes:*	(0:99999)

Variable	***Description***	***Range***
MIGCBSAPC	CBSA principal city status indicator (metropolitan and micropolitan areas) 1 = in CBSA, in principal city 2 = in CBSA, not in prinicipal city 3 = not in CBSA *Values:* *Universe:* *Internal Notes:*	(0:3)
MIGCBSAST	Metropolitan status indicator 0 = niu (under 1 year old, nonmover) 1 = in metropolitan area, in principal city 2 = in metropolitan area, not in principal city 3 = not in metropolitan area 4 = abroad *Values:* *Universe:* *Internal Notes:*	(0:4)
MIGCBSATY	Metropolitan/Micropolitan Area Flag: 1 = metropolitan area 2 = micropolitan area 3 = not in CBSA *Values:* *Universe:* *Internal Notes:*	(0:3)
MIGFIPSMCD	Migration FIPS MCD Code *Values:* *Universe:* *Internal Notes:*	(0:0,60:696)
MIGFIPSPL	Migration FIPS Place Code *Values:* *Universe:* *Internal Notes:*	(0:0,60:696)
MIGMSA	1984 cmsa code from the grin file 0 = not applicable *Values:* *Universe:* *Internal Notes:*	(0:99)
MIGNECCD	Combined New England City and Town Area (CNECTA) Code ('999' not in a CNECTA) *Values:* *Universe:* *Internal Notes:*	(0:999)

Variable	Description	Range
MIGNECD	New England City and Town Area (NECTA) Code ('99999' not in an NECTA) *Values:* *Universe:* *Internal Notes:*	(0:99999)
MIGNEDIV	NECTA Division Code ('99999' not in an NECTA division) *Values:* *Universe:* *Internal Notes:*	(0:99999)
MIGNEPDS	NECTA Place description indicator: 1 = in NECTA, in principal city 2 = in NECTA, not in prinicipal city 3 = not in NECTA *Values:* *Universe:* *Internal Notes:*	(0:3)
MIGNETY	NECTA Metropolitan/Micropolitan Area Flag: 1 = NECTA metropolitan area 2 = NECTA micropolitan area 3 = not in NECTA *Values:* *Universe:* *Internal Notes:*	(0:3)
MIGPLFG	place description flag. *Values:* *Universe:* *Internal Notes:*	(0:18)
MIGSAME	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 *Internal Notes:*	(0:3)
MIL	Any TRICARE coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)

Variable	Description	Range
MIL_LCSP1	Left-censored - 1st spell of TRICARE coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MIL = 1 *Internal Notes:*	(0:2)
MIL_MON	Number of months with TRICARE coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MIL_RCSP1	Right-censored - 1st spell of TRICARE coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MIL = 1 *Internal Notes:*	(0:2)
MIL_RCSP2	Right-censored - 2nd spell of TRICARE coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MIL = 1 *Internal Notes:*	(0:2)
MIL_SP1	Length of the 1st spell of TRICARE coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MIL_SP2	Length of the 2nd spell of TRICARE coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MILFTYP	Type of TRICARE plan last year 1 *Values:* 0= Out of universe 1= Family plan 2= Self-only plan *Universe:* OWNMIL = 1 *Internal Notes:*	(0:2)
MILFTYP2	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 *Internal Notes:*	(0:3)

Variable	Description	Range
MILLIN1	Policyholder line number 1 - TRICARE coverage last year *Values:* 0 - 20 *Universe:* DEPMIL = 1 *Internal Notes:*	(0:20)
MILLIN2	Policyholder line number 2 - TRICARE coverage last year *Values:* 0 - 20 *Universe:* DEPMIL = 1 *Internal Notes:*	(0:20)
MILOUT	Provided TRICARE coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MIL = 1 *Internal Notes:*	(0:2)
MILOUT1925	Provided TRICARE coverage to someone outside HH ages 19-25 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MILOUT = 1 *Internal Notes:*	(0:2)
MILOUT26P	Provided TRICARE coverage to someone outside HH over age 26 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MILOUT = 1 *Internal Notes:*	(0:2)
MILOUTLT19	Provided TRICARE coverage to someone outside HH under 19 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MILOUT = 1 *Internal Notes:*	(0:2)
MM_VAL	Interest income amount, money-market account *Values:* -1 = niu 0-999999 = dollar amount *Universe:* MM_YN = 1 *Internal Notes:*	(-1:999999)
MM_YN	Interest income, money-market, y/n *Values:* 0 = NIU 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
MOOP	Total medical out of pocket expenditures. Calculated from PHIP_VAL, POTC_VAL, and PMED_VAL. *Values:* 0 - 9999999 *Universe:* All Persons *Internal Notes:*	(0:9999999)

Variable	***Description***	***Range***
MOOP2	Total medical out of pocket expenditures. Calculated from PHIP_VAL2, POTC_VAL, and PMED_VAL. *Values:* 0 - 9999999 *Universe:* All Persons *Internal Notes:*	(0:9999999)
MRK	Any Marketplace coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
MRK_LCSP1	Left-censored - 1st spell of Marketplace coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MRK = 1 *Internal Notes:*	(0:2)
MRK_MON	Number of months with Marketplace coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MRK_RCSP1	Right-censored - 1st spell of Marketplace coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MRK = 1 *Internal Notes:*	(0:2)
MRK_RCSP2	Right-censored - 2nd spell of Marketplace coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MRK = 1 *Internal Notes:*	(0:2)
MRK_SP1	Length of the 1st spell of Marketplace coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MRK_SP2	Length of the 2nd spell of Marketplace coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)

Variable	Description	Range
MRKFTYP	Type of Marketplace plan last year 1 *Values:* 0= Out of universe 1= Family plan 2= Self-only plan *Universe:* OWNMRK = 1 *Internal Notes:*	(0:2)
MRKFTYP2	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 *Internal Notes:*	(0:3)
MRKLIN1	Policyholder line number 1 - Marketplace coverage last year *Values:* 0 - 20 *Universe:* DEPMRK = 1 *Internal Notes:*	(0:20)
MRKLIN2	Policyholder line number 2 - Marketplace coverage last year *Values:* 0 - 20 *Universe:* DEPMRK = 1 *Internal Notes:*	(0:20)
MRKOUT	Provided Marketplace coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRK = 1 *Internal Notes:*	(0:2)
MRKOUT1925	Provided Marketplace coverage to someone outside HH ages 19-25 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKOUT = 1 *Internal Notes:*	(0:2)
MRKOUT26P	Provided Marketplace coverage to someone outside HH over age 26 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKOUT = 1 *Internal Notes:*	(0:2)
MRKOUTLT19	Provided Marketplace coverage to someone outside HH under 19 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKOUT = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
MRKS	Any subsidized Marketplace coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
MRKS_LCSP1	Left-censored - 1st spell of subsidized Marketplace coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKS = 1 *Internal Notes:*	(0:2)
MRKS_MON	Number of months with subsidized Marketplace coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MRKS_RCSP1	Right-censored - 1st spell of subsidized Marketplace coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKS = 1 *Internal Notes:*	(0:2)
MRKS_RCSP2	Right-censored - 2nd spell of subsidized Marketplace coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKS = 1 *Internal Notes:*	(0:2)
MRKS_SP1	Length of the 1st spell of subsidized Marketplace coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MRKS_SP2	Length of the 2nd spell of subsidized Marketplace coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MRKSFTYP	Type of subsidized Marketplace coverage last year 1 *Values:* 0= Out of universe 1= Family plan 2= Self-only plan *Universe:* OWNMRKS = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
MRKSFTYP2	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 *Internal Notes:*	(0:3)
MRKSLIN1	Policyholder line number 1 - subsidized Marketplace coverage last year *Values:* 0 - 20 *Universe:* DEPMRKS = 1 *Internal Notes:*	(0:20)
MRKSLIN2	Policyholder line number 2 - subsidized Marketplace coverage last year *Values:* 0 - 20 *Universe:* DEPMRKS = 1 *Internal Notes:*	(0:20)
MRKSOUT	Provided subsidized Marketplace coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKS = 1 *Internal Notes:*	(0:2)
MRKSOUT1925	Provided subsidized Marketplace coverage to someone outside HH ages 19-25 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKSOUT = 1 *Internal Notes:*	(0:2)
MRKSOUT26P	Provided subsidized Marketplace coverage to someone outside HH over age 26 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKSOUT = 1 *Internal Notes:*	(0:2)
MRKSOUTLT19	Provided subsidized Marketplace coverage to someone outside HH under 19 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKSOUT = 1 *Internal Notes:*	(0:2)
MRKUN	Any unsubsidized Marketplace coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)

Variable	Description	Range
MRKUN_LCSP1	Left-censored - 1st spell of unsubsidized Marketplace coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKUN = 1 *Internal Notes:*	(0:2)
MRKUN_MON	Number of months with unsubsidized Marketplace coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MRKUN_RCSP1	Right-censored - 1st spell of unsubsidized Marketplace coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKUN = 1 *Internal Notes:*	(0:2)
MRKUN_RCSP2	Right-censored - 2nd spell of unsubsidized Marketplace coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKUN = 1 *Internal Notes:*	(0:2)
MRKUN_SP1	Length of the 1st spell of unsubsidized Marketplace coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MRKUN_SP2	Length of the 2nd spell of unsubsidized Marketplace coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
MRKUNFTYP	Type of unsubsidized Marketplace coverage last year 1 *Values:* 0= Out of universe 1= Family plan 2= Self-only plan *Universe:* OWNMRKUN = 1 *Internal Notes:*	(0:2)
MRKUNFTYP2	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 *Internal Notes:*	(0:3)

Variable	Description	Range
MRKUNLIN1	Policyholder line number 1 - unsubsidized Marketplace coverage last year *Values:* 0 - 20 *Universe:* DEPMRKUN = 1 *Internal Notes:*	(0:20)
MRKUNLIN2	Policyholder line number 2 - unsubsidized Marketplace coverage last year *Values:* 0 - 20 *Universe:* DEPMRKUN = 1 *Internal Notes:*	(0:20)
MRKUNOUT	Provided unsubsidized Marketplace coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKUN = 1 *Internal Notes:*	(0:2)
MRKUNOUT192	Provided unsubsidized Marketplace coverage to someone outside HH ages 19-25 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKUNOUT = 1 *Internal Notes:*	(0:2)
MRKUNOUT26P	Provided unsubsidized Marketplace coverage to someone outside HH over age 26 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKUNOUT = 1 *Internal Notes:*	(0:2)
MRKUNOUTLT1	Provided unsubsidized Marketplace coverage to someone outside HH under 19 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* MRKUNOUT = 1 *Internal Notes:*	(0:2)
NOCOV_CYR	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 *Internal Notes:*	(0:3)
NOCOV_LCSP1	Left-censored - 1st spell of no health insurance coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)

Variable	Description	Range
NOCOV_MON	Number of months without health insurance coverage *Values:* 0-12 = months *Universe:* All Persons *Internal Notes:*	(0:12)
NOCOV_RCSP1	Right-censored - 1st spell of no health insurance coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
NOCOV_RCSP2	Right-censored - 2nd spell of no health insurance coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
NOCOV_SP1	Length of the 1st spell of no health insurance coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
NOCOV_SP2	Length of the 2nd spell of no health insurance coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
NOEMP	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 *Internal Notes:*	(0:6)
NONM	Any non-Marketplace coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
NONM_LCSP1	Left-censored - 1st spell of non-Marketplace coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* NONM = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
NONM_MON	Number of months with non-Marketplace coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
NONM_RCSP1	Right-censored - 1st spell of non-Marketplace coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* NONM = 1 *Internal Notes:*	(0:2)
NONM_RCSP2	Right-censored - 2nd spell of non-Marketplace coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* NONM = 1 *Internal Notes:*	(0:2)
NONM_SP1	Length of the 1st spell of non-Marketplace coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
NONM_SP2	Length of the 2nd spell of non-Marketplace coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
NONMFTYP	Type of non-Marketplace plan last year 1 *Values:* 0= Out of universe 1= Family plan 2= Self-only plan *Universe:* OWNNONM = 1 *Internal Notes:*	(0:2)
NONMFTYP2	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 *Internal Notes:*	(0:3)
NONMLIN1	Policyholder line number 1 - non-Marketplace coverage last year *Values:* 0 - 20 *Universe:* DEPNONM = 1 *Internal Notes:*	(0:20)
NONMLIN2	Policyholder line number 2 - non-Marketplace coverage last year *Values:* 0 - 20 *Universe:* DEPNONM = 1 *Internal Notes:*	(0:20)

Variable	Description	Range
NONMOUT	Provided non-Marketplace coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* NONM = 1 *Internal Notes:*	(0:2)
NONMOUT1925	Provided non-Marketplace coverage to someone outside HH ages 19-25 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* NONMOUT = 1 *Internal Notes:*	(0:2)
NONMOUT26P	Provided non-Marketplace coverage to someone outside HH over age 26 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* NONMOUT = 1 *Internal Notes:*	(0:2)
NONMOUTLT19	Provided non-Marketplace coverage to someone outside HH under 19 last year *Values:* 0= Niu 1= Yes 2= No *Universe:* NONMOUT = 1 *Internal Notes:*	(0:2)
NOW_CAID	Current Medicaid coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_CHAMPV	Current CHAMPVA coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_COV	Currently covered by health insurance coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_DEPDIR	Current direct-purchase coverage through household member *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_DIR = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
NOW_DEPGRP	Current employment-based coverage through household member *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_GRP = 1 *Internal Notes:*	(0:2)
NOW_DEPMIL	Current TRICARE coverage through household member *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MIL = 1 *Internal Notes:*	(0:2)
NOW_DEPMRK	Current Marketplace coverage through household member *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRK = 1 *Internal Notes:*	(0:2)
NOW_DEPMRK	Current subsidized Marketplace coverage through household member *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKS = 1 *Internal Notes:*	(0:2)
NOW_DEPMRK	Current unsubsidized Marketplace coverage through household member *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKUN = 1 *Internal Notes:*	(0:2)
NOW_DEPNON	Current non-Marketplace coverage through household member *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_NONM = 1 *Internal Notes:*	(0:2)
NOW_DEPPRIV	Current private coverage through household member *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_PRIV = 1 *Internal Notes:*	(0:2)
NOW_DIR	Any current direct-purchase coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)

Variable	Description	Range
NOW_DIRFTYP	Type of current direct-purchase plan 1 *Values:* 0 = Out of universe 1= Family plan 2= Self-only plan *Universe:* NOW_OWNDIR = 1 *Internal Notes:*	(0:2)
NOW_DIRFTYP	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 *Internal Notes:*	(0:3)
NOW_DIRLIN	Policyholder line number - current direct-purchase coverage *Values:* 0 - 20 *Universe:* NOW_DEPDIR = 1 *Internal Notes:*	(0:20)
NOW_DIROUT	Currently provides direct-purchase coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_DIR = 1 *Internal Notes:*	(0:2)
NOW_DIROUT1	Currently provides direct-purchase coverage to someone outside HH ages 19-25 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_DIROUT = 1 *Internal Notes:*	(0:2)
NOW_DIROUT2	Currently provides direct-purchase coverage to someone outside HH over age 26 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_DIROUT = 1 *Internal Notes:*	(0:2)
NOW_DIROUTL	Currently provides direct-purchase coverage to someone outside HH under 19 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_DIROUT = 1 *Internal Notes:*	(0:2)
NOW_GRP	Any current employment-based coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)

Variable	Description	Range
NOW_GRPFTY	Type of current employment-based plan 1 *Values:* 0= Out of universe 1= Family plan 2= Self-only plan *Universe:* NOW_OWNGRP = 1 *Internal Notes:*	(0:2)
NOW_GRPFTY	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 *Internal Notes:*	(0:3)
NOW_GRPLIN	Policyholder line number - current employment-based coverage *Values:* 0 - 20 *Universe:* NOW_DEPGRP = 1 *Internal Notes:*	(0:20)
NOW_GRPOUT	Currently provides employment-based coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_GRP = 1 *Internal Notes:*	(0:2)
NOW_GRPOUT	Currently provides employment-based coverage to someone outside HH ages 19-25 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_GRPOUT = 1 *Internal Notes:*	(0:2)
NOW_GRPOUT	Currently provides employment-based coverage to someone outside HH over age 26 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_GRPOUT = 1 *Internal Notes:*	(0:2)
NOW_GRPOUT	Currently provides employment-based coverage to someone outside HH under 19 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_GRPOUT = 1 *Internal Notes:*	(0:2)
NOW_HIPAID	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 *Internal Notes:*	(0:3)

Variable	Description	Range
NOW_IHSFLG	Current coverage through the Indian Health Service *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_MCAID	Current Medicaid, PCHIP, or other means-tested coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_MCARE	Current Medicare coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_MIL	Any current TRICARE coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_MILFTYP	Type of current TRICARE plan 1 *Values:* 0= Out of universe 1= Family plan 2= Self-only plan *Universe:* NOW_OWNMIL = 1 *Internal Notes:*	(0:2)
NOW_MILFTYP	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 *Internal Notes:*	(0:3)
NOW_MILLIN	Policyholder line number - current TRICARE coverage *Values:* 0 - 20 *Universe:* NOW_DEPMIL = 1 *Internal Notes:*	(0:20)
NOW_MILOUT	Currently provides TRICARE coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MIL = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
NOW_MILOUT1	Currently provides TRICARE coverage to someone outside HH ages 19-25 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MILOUT = 1 *Internal Notes:*	(0:2)
NOW_MILOUT2	Currently provides TRICARE coverage to someone outside HH over age 26 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MILOUT = 1 *Internal Notes:*	(0:2)
NOW_MILOUTL	Currently provides TRICARE coverage to someone outside HH under 19 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MILOUT = 1 *Internal Notes:*	(0:2)
NOW_MRK	Any current Marketplace coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_MRKFTY	Type of current Marketplace plan 1 *Values:* 0= Out of universe 1= Family plan 2= Self-only plan *Universe:* NOW_OWNMRK = 1 *Internal Notes:*	(0:2)
NOW_MRKFTY	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 *Internal Notes:*	(0:3)
NOW_MRKLIN	Policyholder line number - current Marketplace coverage *Values:* 0 - 20 *Universe:* NOW_DEPMRK = 1 *Internal Notes:*	(0:20)
NOW_MRKOUT	Currently provides Marketplace coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRK = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
NOW_MRKOUT	Currently provides Marketplace coverage to someone outside HH ages 19-25 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKOUT = 1 *Internal Notes:*	(0:2)
NOW_MRKOUT	Currently provides Marketplace coverage to someone outside HH over age 26 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKOUT = 1 *Internal Notes:*	(0:2)
NOW_MRKOUT	Currently provides Marketplace coverage to someone outside HH under 19 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKOUT = 1 *Internal Notes:*	(0:2)
NOW_MRKS	Any current subsidized Marketplace coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_MRKSFT	Type of current subsidized Marketplace plan 1 *Values:* 0= Out of universe 1= Family plan 2= Self-only plan *Universe:* NOW_OWNMRKS = 1 *Internal Notes:*	(0:2)
NOW_MRKSFT	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 *Internal Notes:*	(0:3)
NOW_MRKSLIN	Policyholder line number - current subsidized Marketplace coverage *Values:* 0 - 20 *Universe:* NOW_DEPMRKS = 1 *Internal Notes:*	(0:20)
NOW_MRKSOU	Currently provides subsidized Marketplace coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_OWNMRKS = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
NOW_MRKSOU	Currently provides subsidized Marketplace coverage to someone outside HH ages 19-25 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKSOUT = 1 *Internal Notes:*	(0:2)
NOW_MRKSOU	Currently provides subsidized Marketplace coverage to someone outside HH over age 26 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKSOUT = 1 *Internal Notes:*	(0:2)
NOW_MRKSOU	Currently provides subsidized Marketplace coverage to someone outside HH under 19 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKSOUT = 1 *Internal Notes:*	(0:2)
NOW_MRKUN	Any current unsubsidized Marketplace coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_MRKUNF	Type of current unsubsidized Marketplace plan 1 *Values:* 0= Out of universe 1= Family plan 2= Self-only plan *Universe:* NOW_OWNMRKUN = 1 *Internal Notes:*	(0:2)
NOW_MRKUNF	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 *Internal Notes:*	(0:3)
NOW_MRKUNLI	Policyholder line number - current unsubsidized Marketplace coverage *Values:* 0 - 20 *Universe:* NOW_DEPMRKUN = 1 *Internal Notes:*	(0:20)
NOW_MRKUNO	Currently provides unsubsidized Marketplace coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_OWNMRKUN = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
NOW_MRKUNO	Currently provides unsubsidized Marketplace coverage to someone outside HH ages 19-25 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKUNOUT = 1 *Internal Notes:*	(0:2)
NOW_MRKUNO	Currently provides unsubsidized Marketplace coverage to someone outside HH over age 26 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKUNOUT = 1 *Internal Notes:*	(0:2)
NOW_MRKUNO	Currently provides unsubsidized Marketplace coverage to someone outside HH under 19 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKUNOUT = 1 *Internal Notes:*	(0:2)
NOW_NONM	Any current non-Marketplace coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_NONMFT	Type of current non-Marketplace plan 1 *Values:* 0= Out of universe 1= Family plan 2= Self-only plan *Universe:* NOW_OWNNONM = 1 *Internal Notes:*	(0:2)
NOW_NONMFT	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 *Internal Notes:*	(0:3)
NOW_NONMLIN	Policyholder line number - current non-Marketplace coverage *Values:* 0 - 20 *Universe:* NOW_DEPNONM = 1 *Internal Notes:*	(0:20)
NOW_NONMOU	Currently provides non-Marketplace coverage to someone outside HH last year *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_OWNNONM = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
NOW_NONMOU	Currently provides non-Marketplace coverage to someone outside HH ages 19-25 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_NONMOUT = 1 *Internal Notes:*	(0:2)
NOW_NONMOU	Currently provides non-Marketplace coverage to someone outside HH over age 26 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_NONMOUT = 1 *Internal Notes:*	(0:2)
NOW_NONMOU	Currently provides non-Marketplace coverage to someone outside HH under 19 *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_NONMOUT = 1 *Internal Notes:*	(0:2)
NOW_OTHMT	Current other means-tested coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_OUTDIR	Current direct-purchase coverage through someone outside HH *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_DIR = 1 *Internal Notes:*	(0:2)
NOW_OUTGRP	Current employment-based coverage through someone outside HH *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_GRP = 1 *Internal Notes:*	(0:2)
NOW_OUTMIL	Current TRICARE coverage through someone outside HH *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MIL = 1 *Internal Notes:*	(0:2)
NOW_OUTMRK	Current Marketplace coverage through someone outside HH *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRK = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
NOW_OUTMRK	Current subsidized Marketplace coverage through someone outside HH *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKS = 1 *Internal Notes:*	(0:2)
NOW_OUTMRK	Current unsubsidized Marketplace coverage through someone outside HH *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKUN = 1 *Internal Notes:*	(0:2)
NOW_OUTNON	Current non-Marketplace coverage through someone outside HH *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_NONM = 1 *Internal Notes:*	(0:2)
NOW_OUTPRIV	Current private coverage through someone outside the household *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_PRIV = 1 *Internal Notes:*	(0:2)
NOW_OWNDIR	Current direct-purchase coverage - policyholder *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_DIR = 1 *Internal Notes:*	(0:2)
NOW_OWNGRP	Current employment-based coverage - policyholder *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_GRP = 1 *Internal Notes:*	(0:2)
NOW_OWNMIL	Current TRICARE coverage - policyholder *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MIL = 1 *Internal Notes:*	(0:2)
NOW_OWNMR	Current Marketplace coverage - policyholder *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRK = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
NOW_OWNMR	Current subsidized Marketplace coverage - policyholder *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKS = 1 *Internal Notes:*	(0:2)
NOW_OWNMR	Current unsubsidized Marketplace coverage - policyholder *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_MRKUN = 1 *Internal Notes:*	(0:2)
NOW_OWNNO	Current non-Marketplace coverage - policyholder *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_NONM = 1 *Internal Notes:*	(0:2)
NOW_OWNPRI	Current private coverage - policyholder *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_PRIV = 1 *Internal Notes:*	(0:2)
NOW_PCHIP	Current PCHIP coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_PRIV	Current private coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_PUB	Current public coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NOW_PUEXCH	*Values:* *Universe:* *Internal Notes:*	(-2:2)

Variable	Description	Range
NOW_PUOUTT	type of hlth ins,covered by someone outside hhld, current *Values:* *Universe:* *Internal Notes:*	(-1:2)
NOW_PUSHOP	*Values:* *Universe:* *Internal Notes:*	(-2:2)
NOW_PUSUBSI	*Values:* *Universe:* *Internal Notes:*	(-2:2)
NOW_PUTRICP	*Values:* *Universe:* *Internal Notes:*	(-2:2)
NOW_SHOP	Currently have coverage obtained through SHOP *Values:* 0= Niu 1= Yes 2= No *Universe:* NOW_OWNGRP = 1 *Internal Notes:*	(0:2)
NOW_VACARE	Current VACARE coverage *Values:* 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(1:2)
NWLKWK	How may different weeks was ... looking for work or on layoff? *Values:* 0 = niu 1 = 1 week ... 52 = 52 weeks *Universe:* NWLOOK = 1 *Internal Notes:*	(0:52)
NWLOOK	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 *Internal Notes:*	(0:2)

Variable	Description	Range
NXTRES	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 *Internal Notes:*	(0:20)
OCCUP	Occupation of longest job last year. See Appendix B for values. *Values:* 0 = niu; 1-9999 = occupation code *Universe:* WKSWORK > 0 *Internal Notes:*	(0:9999)
OCCURNUM	from the ASEC supplement sas dataset occurrence number of person in the hhld *Values:* *Universe:* *Internal Notes:*	(1:16)
OED_TYP1	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 *Internal Notes:*	(0:2)
OED_TYP2	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 *Internal Notes:*	(0:2)
OED_TYP3	source other than gi bill received (OED_TYP3- other assistance (employers friends, etc.) *Values:* 0 = niu 1 = yes 2 = no *Universe:* ED_YN = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
OED_VAL	Other education income amount *Values:* 0 = niu; 1-99999 = education assistance *Universe:* OED_TYP1 gt 0 *Internal Notes:*	(0:99999)
OI_OFF	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 *Internal Notes:*	(0:20)
OI_VAL	how much did ... receive in other incomes *Values:* 0 = none or niu 1-999999 = other income *Universe:* OI_YN = 1 *Internal Notes:*	(0:999999)
OI_YN	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+ *Internal Notes:*	(0:2)
OINT_VAL	Interest income amt, other *Values:* -1 = niu 0-999999 = dollar amount *Universe:* OINT_YN = 1 *Internal Notes:*	(-1:999999)
OINT_YN	Interest income, other, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)

Variable	Description	Range
OTHMT	Other means-tested coverage last year *Values:* 0 = Infant born after calendar year 1 = Yes 2 = No *Universe:* All Persons *Internal Notes:*	(0:2)
OTHMT_LCSP1	Left-censored - 1st spell of other means-tested coverage *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* OTHMT = 1 *Internal Notes:*	(0:2)
OTHMT_MON	Number of months with other means-tested coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
OTHMT_RCSP1	Right-censored - 1st spell of other means-tested coverage *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* OTHMT = 1 *Internal Notes:*	(0:2)
OTHMT_RCSP2	Right-censored - 2nd spell of other means-tested coverage *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* OTHMT = 2 *Internal Notes:*	(0:2)
OTHMT_SP1	Length of the 1st spell of other means-tested coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
OTHMT_SP2	Length of the 2nd spell of other means-tested coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
OUTDIR	Direct-purchase coverage through someone outside HH last year *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* DIR = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
OUTGRP	Employment-based coverage through someone outside HH last year *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* GRP = 1 *Internal Notes:*	(0:2)
OUTMIL	TRICARE coverage through someone outside HH last year *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* MIL = 1 *Internal Notes:*	(0:2)
OUTMRK	Marketplace coverage through someone outside HH last year *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* MRK = 1 *Internal Notes:*	(0:2)
OUTMRKS	Subsidized Marketplace coverage through someone outside HH last year *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* MRKS = 1 *Internal Notes:*	(0:2)
OUTMRKUN	Unsubsidized Marketplace coverage through someone outside HH last year *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* MRKUN = 1 *Internal Notes:*	(0:2)
OUTNONM	Non-Marketplace coverage through someone outside HH last year *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* NONM = 1 *Internal Notes:*	(0:2)
OUTPRIV	Private coverage through someone outside last year *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* PRIV = 1 *Internal Notes:*	(0:2)
OWNDIR	Direct-purchase coverage last year - policyholder *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* DIR = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
OWNGRP	Employment-based coverage last year - policyholder *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* GRP = 1 *Internal Notes:*	(0:2)
OWNMIL	TRICARE coverage last year - policyholder *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* MIL = 1 *Internal Notes:*	(0:2)
OWNMRK	Marketplace coverage last year - policyholder *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* MRK = 1 *Internal Notes:*	(0:2)
OWNMRKS	Subsidized Marketplace coverage last year - policyholder *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* MRKS = 1 *Internal Notes:*	(0:2)
OWNMRKUN	Unsubsidized Marketplace coverage last year - policyholder *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* MRKUN = 1 *Internal Notes:*	(0:2)
OWNNONM	Non-Marketplace coverage last year - policyholder *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* NONM = 1 *Internal Notes:*	(0:2)
OWNPRIV	Private coverage last year - policyholder *Values:* 0 = Niu 1 = Yes 2 = No *Universe:* PRIV = 1 *Internal Notes:*	(0:2)
P_HSEQ	household seq number - ASEC file same as h-seq in hhld record 00001-99999 = household sequence number *Values:* *Universe:* *Internal Notes:*	(00000:99999)

Variable	Description	Range
P_SEQ	Sequence number of person in hhld *Values:* 0-16 *Universe:* All Persons *Internal Notes:*	(00:16)
P_STAT	Status of person identifier *Values:* 1 = Civilian 15+ 2 = Armed Forces 3 = Children 0 - 14 *Universe:* All Persons *Internal Notes:*	(1:3)
PARENT	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.) *Internal Notes:*	(0:4)
PARNT_EX	RECODE-- EXPANDED PARENT RECODE FOR FAMILY MEMBERS UNDER 18 EXCLUDES REF. PERSON & SPOUSE IF UNDER 18 0 = NIU PRESENCE OF PARENTS 1 = BOTH PARENTS PRESENT 2 = MOTHER ONLY PRESENT 3 = FATHER ONLY PRESENT NEITHER PARENT PRESENT 4 = OTHER RELATIVE (PARENT = 4 & FAMREL = 6 OR 7) 5 = NONRELATIVE (PARENT = 4 & FAMREL = 10 OR 11) *Values:* *Universe:* *Internal Notes:*	(0:5)
PAW_MON	In how many months of 20.. did ... receive public assistance payments? *Values:* 0 = niu 1 = one month ... 12 = twelve months *Universe:* PAW_YN = 1 *Internal Notes:*	(0:12)
PAW_SC1	From what type of program did you receive the cash assistance? *Values:* 0 = niu 1 = TANF/AFDC 2 = General Assistance 3 = Emergency Assistance/short-term cash assistance 4 = Some other program *Universe:* PAW_YN = 1 *Internal Notes:*	(0:4)
PAW_SC2	From what type of program did you receive the cash assistance? *Values:* 0 = niu 1 = TANF/AFDC 2 = General Assistance 3 = Emergency Assistance/short-term cash assistance 4 = Some other program *Universe:* PAW_YN = 1 *Internal Notes:*	(0:4)

Variable	Description	Range
PAW_TYP	What type of program did... receive CASH assistance? *Values:* 0 = niu 1 = TANF/AFDC 2 = other 3 = both *Universe:* PAW_YN = 1 *Internal Notes:*	(0:3)
PAW_VAL	How much did ... receive in public assistance or welfare during 20..? *Values:* 0 = none or niu; 1-99999 = public assistance *Universe:* PAW_YN = 1 *Internal Notes:*	(00000:99999)
PAW_YN	At any time during 20.., even for one month, did... receive an CASH assistance from a state or county welfare program such as (State program name fill)? *Values:* 0= Niu 1= Yes 2= No *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
PCHIP	PCHIP coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
PCHIP_LCSP1	Left-censored - 1st spell of PCHIP coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* PCHIP = 1 *Internal Notes:*	(0:2)
PCHIP_MON	Number of months with PCHIP coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
PCHIP_RCSP1	Right-censored - 1st spell of PCHIP coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* PCHIP = 1 *Internal Notes:*	(0:2)
PCHIP_RCSP2	Right-censored - 2nd spell of PCHIP coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* PCHIP = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
PCHIP_SP1	Length of the 1st spell of PCHIP coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
PCHIP_SP2	Length of the 2nd spell of PCHIP coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
PEABSPDO	STORES ABSPD ENTRY (1, 2, D, OR R) Plugs ABSPD = yes for owners of family business **Related recodes: PRABSREA 1 Yes 2 No *Values:* *Universe:* *Internal Notes:*	(-4:2)
PEABSRSN	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 *Internal Notes:* -1=NIU on internal file	(-1:14)
PEAFEVER	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 *Internal Notes:*	(-1:2)
PEAFNOW	Are you now in the Armed Forces? ** Related recodes: PRMARSTA, PRPERTYP 1 Yes 2 No *Values:* *Universe:* *Internal Notes:*	(-4:2)

Variable	Description	Range
PEAFWHN1	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 *Internal Notes:*	(-1:9)
PEAFWHN2	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 *Internal Notes:*	(-1:9)
PEAFWHN3	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 *Internal Notes:*	(-1:9)
PEAFWHN4	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 *Internal Notes:*	(-1:9)

Variable	Description	Range
PEAGE	PERSON'S AGE AS OF THE PREVIOUS MONTH BASED ON THE ENTRIES IN BIRTHD, BIRTHM, AND BIRTHY. If BIRTHY is refused we ask for an age range. If BIRTHM or BIRTHY is don't know or missing we ask for an estimate of age. ** Related recode: PRPERTYP 0 Min Value 99 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:99)
PEARNVAL	total persons earnings *Values:* 0 = none; negative amt = income (loss); positive amt = income *Universe:* All Persons aged 15+ *Internal Notes:*	(-99999:99999999)
PEBIRTHM	Edited birth month for use in health insurance edits *Values:* *Universe:* *Internal Notes:*	()
PEBIRTHY	edited birth year *Values:* *Universe:* *Internal Notes:*	()
PECERT1	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 *Internal Notes:*	(0:2)
PECERT2	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 *Internal Notes:*	(0:2)
PECERT3	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 *Internal Notes:*	(0:2)
PECOHAB	Line number of cohabiting Partner *Values:* -1 = No Partner present 1-16 = Line Number *Universe:* All Persons *Internal Notes:*	(-1:16)

Variable	Description	Range
PECOULD	Eligible to purchase employer's health insurance plan *Values:* 0 = NIU 1 = Yes 2 = No *Universe:* PEOFFER = 1 *Internal Notes:*	(0:2)
PECYC	How many years of college CREDIT (have/has) (you/name) completed? 1 Less than 1 year (include 0 years completed)? 2 The first, or FRESHMAN year? 3 The second, or SOPHOMORE year? 4 The third, or JUNIOR year? 5 Four or more years? *Values:* *Universe:* *Internal Notes:*	(-1:9)
PEDIPGED	People can get a High-School diploma in a variety of ways, such as graduating from High School or by getting a GED or other equivalent. How did (you/name) get (your/his/her) High-School diploma? 1 Graduation from High School 2 GED or other equivalent *Values:* *Universe:* *Internal Notes:*	(-1:9)
PEDISDRS	Does...have difficulty dressing or bathing? *Values:* -1 = NIU 1 = Yes 2 = No *Universe:* PRPERTYP = 2 *Internal Notes:*	(-4:2)
PEDISEAR	Is...deaf or does ...have serious difficulty hearing? *Values:* -1 = NIU 1 = Yes 2 = No *Universe:* PRPERTYP = 2 *Internal Notes:*	(-1:2)
PEDISEYE	Is...blind or does...have serious difficulty seeing even when Wearing glasses? *Values:* -1 = NIU 1 = Yes 2 = No *Universe:* PRPERTYP = 2 *Internal Notes:*	(-1:2)
PEDISOUT	Because of a physical, mental, or emotional condition, does...have difficulty doing errands along such as visiting a doctor’s office or shopping? *Values:* -1 = NIU 1 = Yes 2 = No *Universe:* PRPERTYP = 2 *Internal Notes:*	(-1:2)

Variable	Description	Range
PEDISPHY	Does...have serious difficulty Walking or climbing stairs? *Values:* -1 = NIU 1 = Yes 2 = No *Universe:* PRPERTYP = 2 *Internal Notes:*	(-1:2)
PEDISREM	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 *Internal Notes:*	(-1:2)
PEEDUCA	What is the highest level of school you have completed or the highest degree you have received? 31 Less than 1st grade 32 1st, 2nd, 3rd, or 4th grade 33 5th or 6th grade 34 7th or 8th grade 35 9th grade 36 10th grade 37 11th grade 38 12th grade no diploma 39 High school grad-diploma or equiv (GED) 40 Some college but no degree 41 Associate degree-occupational/vocational 42 Associate degree-academic program 43 Bachelor's degree (ex: BA,AB,BS) 44 Master's degree (ex:MA,MS,MEng,MEd,MSW) 45 Professional school deg (EX:MD,DDS,DVM) 46 Doctorate degree (EX:PhD,EdD) *Values:* *Universe:* *Internal Notes:*	(-4:46)
PEERN	Calculated weekly overtime amount Note: Calculated weekly overtime amount for non-hourly workers 2 Implied decimals *Values:* *Universe:* *Internal Notes:*	(-3:99999999)
PEERNCOV	On this job, are you covered by a union or employee association contract? 1 Yes 2 No *Values:* *Universe:* *Internal Notes:*	(-4:2)
PEERNH1O	*Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
PEERNH2	(Excluding overtime pay, tips and commissions) What is your hourly rate of pay on your (main/this) job? 2 Implied decimals *Values:* *Universe:* *Internal Notes:*	(-3:9999)
PEERNHRO	Out variable for usual hours worked within the earnings section. *Values:* *Universe:* *Internal Notes:*	(-3:99)
PEERNHRY	OUT VARIABLE FOR HOURLY/NONHOURLY STATUS Stores D if no entry in ERNPER or no entry in ERNRT D = Rate of pay unknown Stores 1 if 1 in ERNPER or if 1 in ERNRT 1 = Paid hourly Set to 2 for all others with non hourly earnings 2 = Not paid hourly Blank = Not in universe. No earnings. 1 Hourly worker 2 Nonhourly worker *Values:* *Universe:* *Internal Notes:*	(-4:2)
PEERNLAB	On this job, are you a member of a labor union or of an employee association similar to a union? 1 Yes 2 No *Values:* *Universe:* *Internal Notes:*	(-4:2)
PEFNTVTY	In what country was your father born? *Values:* See Appendix H. *Universe:* All Persons *Internal Notes:*	(-4:999)
PEHGCOMP	What was the highest grade of regular school (you/name) completed before receiving (your/his/her) GED? 1 Less than 1st grade 2 1st, 2nd, 3rd, or 4th grade 3 5th or 6th grade 4 7th or 8th grade 5 9th grade 6 10th grade 7 11th grade 8 12th grade, no diploma *Values:* *Universe:* *Internal Notes:*	(-1:9)

Variable	***Description***	***Range***
PEHRACTT	SUM OF HRACT1 AND HRACT2. If only one of these has a value, that value is stored in HRACTT. **Related Recodes: PRWKSTAT, PRPTREA, PRPTHRS, PREMPHRS 0 Min Value 198 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:198)
PEHRUSL1	How many hours per week do you USUALLY work at your main job? By main job we mean the one at which you usually work the most hours/job. ENTER NUMBER OF HOURS **Related out variables: PUHRUSLT 0 Min Value 99 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:99)
PEHRUSLT	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 *Internal Notes:*	(-4:198)
PEHSPNON	Are you Spanish, Hispanic, or Latino? *Values:* 1 = Yes 2 = No *Universe:* All Persons *Internal Notes:*	(1:2)

Variable	***Description***	***Range***
PEINUSYR	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 = 2018-2021 *Universe:* All Persons *Internal Notes:* Internal file has exact year and -1=Not in universe. Values get updated every year.	(-1:9999)
PEIO1COW	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 *Internal Notes:*	(-4:11)
PEIO1ICD	INDUSTRY CODE FOR PRIMARY JOB **RELATED RECODES: PRDTCOW1, PRDTIND1, PRMJIND1, PRNAGWS, PRNAGPWS, PRAGNA 0 Min Value 9999 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:9999)
PEIO1OCD	OCCUPATION CODE FOR PRIMARY JOB. **Related recodes: PRDTOCC1, PRMJOCC1, PREMP 0 Min Value 9999 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:9999)

Variable	***Description***	***Range***
PELKLWO	OUTPUT VARIABLE FOR DETERMINING WHEN LAST WORKED Store I LKLW entry in LKLWO if I LKLW equals 1 and I_LKDATM and I_LKDATY are not equal to D, or R or blank then, if I-LKDATM and I-LKDATY compared to the current month and year is not longer then 12 months Store 2 in LKLWO if the comparison is greater than 12 months ago All others place I-LKLW entries of 1, 2, 3, D, or R in LKLWO **Related Recodes: PRUNTYPE Reason for unemployment, PREXPLF 1 Within the last 12 months 2 More than 12 months ago 3 Never worked *Values:* *Universe:* *Internal Notes:*	(-4:4)
PEMARITL	Are you now married, widowed, divorced, separated or never married? **Related Recode: PRMARSTA 1 Married - spouse present 2 Married - spouse absent 3 Widowed 4 Divorced 5 Separated 6 Never married *Values:* *Universe:* *Internal Notes:*	(-4:6)
PEMCPREM	Edited Medicare premium amount *Values:* dollar amount *Universe:* MCARE=1 *Internal Notes:*	(0000:99999)
PEMLR	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 *Internal Notes:* -1=NIU on internal file	(-1:7)
PEMNTVTY	In what country was your mother born? *Values:* See Appendix H. *Universe:* All Persons *Internal Notes:*	(-4:999)

Variable		Description	Range
PEN_SC1		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 *Internal Notes:*	(0:8)
PEN_SC2		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 *Internal Notes:*	(0:8)
pen_ty	(8)	Pension type *Values:* *Universe:* *Internal Notes:*	()
PEN_TY1		Pension type 1 (Company pension) *Values:* 0 = niu 1 = yes 2 = no *Universe:* PEN_YN = 1 *Internal Notes:*	()
PEN_TY2		Pension type 2 (Union pension) *Values:* 0 = niu 1 = yes 2 = no *Universe:* PEN_YN = 1 *Internal Notes:*	()
PEN_TY3		Pension type 3 (Federal government pension) *Values:* 0 = niu 1 = yes 2 = no *Universe:* PEN_YN = 1 *Internal Notes:*	()
PEN_TY4		Pension type 4 (State government pension) *Values:* 0 = niu 1 = yes 2 = no *Universe:* PEN_YN = 1 *Internal Notes:*	()

Variable	Description	Range
PEN_TY5	Pension type 5 (Local government pension) *Values:* 0 = niu 1 = yes 2 = no *Universe:* PEN_YN = 1 *Internal Notes:*	()
PEN_TY6	Pension type 6 (US Military pension) *Values:* 0 = niu 1 = yes 2 = no *Universe:* PEN_YN = 1 *Internal Notes:*	()
PEN_TY7	Pension type 7 (US Railroad retirement) *Values:* 0 = niu 1 = yes 2 = no *Universe:* PEN_YN = 1 *Internal Notes:*	()
PEN_TY8	Pension type 8 (Other) *Values:* 0 = niu 1 = yes 2 = no *Universe:* PEN_YN = 1 *Internal Notes:*	()
PEN_VAL1	Retirement income amount, pension source 1 *Values:* 0 = none or niu; 1- 999,999 = pension income *Universe:* PEN_SC1 > 0 *Internal Notes:*	(0:999999)
PEN_VAL2	Retirement income amount, pension source 2 *Values:* 0 = none or niu; 1-999,999 = pension income *Universe:* PEN_SC2 > 0 *Internal Notes:*	(0:999999)
PEN_YN	Retirement income, pension y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
PENATVTY	In what country were you born? *Values:* See Appendix H. *Universe:* All Persons *Internal Notes:*	(-4:999)

Variable	Description	Range
PENINCL	Was ... included in that plan? *Values:* 0 = niu 1 = yes 2 = no *Universe:* PENPLAN = 1 *Internal Notes:*	(0:2)
PENLFJH	When did you last work at a job or business? 1 Within the last 12 months 2 More than 12 months ago 3 Never worked *Values:* *Universe:* *Internal Notes:*	(-3:3)
PENPLAN	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 *Internal Notes:*	(0:2)
PEOFFER	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) *Internal Notes:*	(0:2)
PEORISPN	Are you/Is... Mexican, Mexican-American, Chicano, Puerto Rican, Cuban, Cuban-American, or some other Spanish, Hispanic, or Latino group? IF MULTIPLE ANSWER - PROBE "Which group do/does he/she most closely identify with?" (1) Mexican (2) Mexican-American (3) Chicano (4) Puerto Rican (5) Cuban (6) Cuban-American (7) Other Spanish, Hispanic, or Latino group *Values:* *Universe:* *Internal Notes:*	(-1:7)

Variable	***Description***	***Range***
PEOROTSP	What is the name of his/her other Spanish, Hispanic, or Latino group? (1) Argentinean (2) Baleric Islands (3) Basque (4) Belize or British Honduras (5) Bolivian (6) Brazilian (7) Canary Islands (8) Castilian (9) Catalan (10) Central American (11) Central American Indian (12) Chilean (13) Colombian (14) Costa Rican (15) Dominican (16) Ecuadorian (17) Filipino (18) Guatemalan (19) Guamanian or Chamorro and some other group (20) Haitian (21) Hispanic (22) Honduran (23) Latin American (24) Latino (25) Nicaraguan (26) Panamanian or Belice (27) Paraguayan (28) Peruvian (29) Portuguese (30) Salvadoran (31) Sephardic (32) South American (33) South American Indian (34) Spanish (35) Spanish American (36) Spanish American Indian (37) Spanish Basque (38) Spaniard (39) Uruguayan (40) Venezuelan (41) Both Spanish, Hispanic, or Latino (42) Other *Values:* *Universe:* *Internal Notes:*	(-1:42)
PEPAR1	Line number of Parent 1 *Values:* -1 = No Parent 1 present 1 = Min Value 16 = Max Value *Universe:* All Persons *Internal Notes:*	(-1:16)
PEPAR1TYP	Demographics type of Parent 1 (PEPAR1) *Values:* -1 = No Parent 1 present 1 = Biological 2 = Step 3 = Adopted *Universe:* All Persons *Internal Notes:*	(-1:3)

Variable		***Description***	***Range***
PEPAR2		Line number of Parent 2 *Values:* -1 = No Parent 2 present 1 = Min Value 16 = Max Value *Universe:* All Persons *Internal Notes:*	(-1:16)
PEPAR2TYP		Demographics type of Parent 2 (PEPAR2) *Values:* -1 = No Parent 2 present 1 = Biological 2 = Step 3 = Adopted *Universe:* All Persons *Internal Notes:*	(-1:3)
PERACAS	(7)	READ EACH ITEM ENTER ALL THAT APPLY Which of the following Asian groups are you/is...? (1) Asian Indian (2) Chinese (3) Filipino (4) Japanese (5) Korean (6) Vietnamese (7) Other Asian DO NOT READ *Values:* *Universe:* *Internal Notes:*	(-1:7)
PERACE	(5)	Please choose one or more of the following races that you/... consider(s) your/him/herself to be. (1) White (2) Black or African American (3) American Indian or Alaska Native (4) Asian (5) Native Hawaiian or Other Pacific Islander *Values:* *Universe:* *Internal Notes:*	(-1:5)
PERACPI	(4)	Which of the following Native Hawaiian or Other Pacific Islander groups are you/is...? (1) Native Hawaiian (2) Guamanian or Chamorro (3) Samoan (4) Other Pacific Islander DO NOT READ *Values:* *Universe:* *Internal Notes:*	(-1:4)

Variable	Description	Range
PERLIS	POVERTY LEVEL OF PERSONS (SUBFAMILY MEMBERS HAVE PRIMARY FAMILY RECODE) *Values:* -1 = NOT IN POVERTY UNIVERSE 1 = BELOW POVERTY LEVEL 2 = 100 - 124 PERCENT OF THE POVERTY LEVEL 3 = 125 - 149 PERCENT OF THE POVERTY LEVEL 4 = 150 AND ABOVE THE POVERTY LEVEL *Universe:* All Persons *Internal Notes:*	(-1:4)
PERRP	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 *Internal Notes:*	(40:59)
PESCHENR	LAST WEEK, were you enrolled in a high school, college, or university? (Enter 1 if currently on holiday or seasonal vacation enter 2 for summer vacation.) 1 Yes 2 No *Values:* *Universe:* *Internal Notes:*	(-4:2)
PESCHFT	Are you enrolled in school as a full time or part time student? 1 Full-time 2 Part-time *Values:* *Universe:* *Internal Notes:*	(-4:2)
PESCHLVL	ASK ONLY IF NECESSARY Would that be high school, college or university? 1 High School 2 College or University *Values:* *Universe:* *Internal Notes:*	(-4:2)

Variable	Description	Range
PESEX	ENTER APPROPRIATE SEX. ASK ONLY IF NECESSARY: What is your sex? 1 Male 2 Female *Values:* *Universe:* *Internal Notes:*	(-4:2)
PESPOUSE	LINE NUMBER OF SPOUSE ENTER LINE NUMBER OF SPOUSE OF [fill name (WHO)] -- ASK IF NECESSARY 01 Min Value 16 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:99)
PEWNELIG 6	*Values:* *Universe:* *Internal Notes:*	(-1:1)
PEWNELIG1	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 *Internal Notes:*	(0:2)
PEWNELIG2	Reason not eligible - Contract or temporary employees not allowed in plan *Values:* 0= Niu 1= Yes 2= No *Universe:* PEOFFER = 1 AND PECOULD = 2 *Internal Notes:*	(0:2)
PEWNELIG3	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 *Internal Notes:*	(0:2)
PEWNELIG4	Reason not eligible - Have a pre-existing condition *Values:* 0= Niu 1= Yes 2= No *Universe:* PEOFFER = 1 AND PECOULD = 2 *Internal Notes:*	(0:2)

Variable	Description	Range
PEWNELIG5	Reason not eligible - Too expensive *Values:* 0= Niu 1= Yes 2= No *Universe:* PEOFFER = 1 AND PECOULD = 2 *Internal Notes:*	(0:2)
PEWNELIG6	Reason not eligible - Other *Values:* 0= Niu 1= Yes 2= No *Universe:* PEOFFER = 1 AND PECOULD = 2 *Internal Notes:*	(0:2)
PEWNTAKE 8	*Values:* *Universe:* *Internal Notes:*	(-1:1)
PEWNTAKE1	Reason did not take up - Covered by another plan *Values:* 0= Niu 1= Yes 2= No *Universe:* PEOFFER = 1 AND PECOULD = 1 *Internal Notes:*	(0:2)
PEWNTAKE2	Reason did not take up - Traded health insurance for higher pay *Values:* 0= Niu 1= Yes 2= No *Universe:* PEOFFER = 1 AND PECOULD = 1 *Internal Notes:*	(0:2)
PEWNTAKE3	Reason did not take up - Too expensive *Values:* 0= Niu 1= Yes 2= No *Universe:* PEOFFER = 1 AND PECOULD = 1 *Internal Notes:*	(0:2)
PEWNTAKE4	Reason did not take up - Don't need health insurance *Values:* 0= Niu 1= Yes 2= No *Universe:* PEOFFER = 1 AND PECOULD = 1 *Internal Notes:*	(0:2)
PEWNTAKE5	Reason did not take up - Have a pre-existing condition *Values:* 0= Niu 1= Yes 2= No *Universe:* PEOFFER = 1 AND PECOULD = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
PEWNTAKE6	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 *Internal Notes:*	(0:2)
PEWNTAKE7	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 *Internal Notes:*	(0:2)
PEWNTAKE8	Reason did not take up - Other *Values:* 0= Niu 1= Yes 2= No *Universe:* PEOFFER = 1 AND PECOULD = 1 *Internal Notes:*	(0:2)
PF_SEQ	Pointer to the sequence number of family record in household (Related subfamilies point to primary family) *Values:* 00:16 *Universe:* All Persons *Internal Notes:*	(00:16)
PG_VAL	How much did ... receive in pell grant? *Values:* 0 = none or niu; 1-99999 = pell grant *Universe:* PG_YN = 1 *Internal Notes:*	(0:99999)
PG_YN	interviewer check item pell grant marked yes *Values:* 0 = niu 1 = yes 2 = no *Universe:* *Internal Notes:*	(0:2)
PH_SEQ	Household seq number *Values:* 00001:99999 *Universe:* All Persons *Internal Notes:*	(00000:99999)
PHF_SEQ	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 *Internal Notes:*	(01:16)
PHIP_VAL	Out of pocket expenditures for comprehensive and non-comprehensive health insurance premiums *Values:* 0 - 999999 *Universe:* All Persons *Internal Notes:*	(0:999999)

Variable	Description	Range
PHIP_VAL2	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 *Internal Notes:*	(0:999999)
PHMEMPRS	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 *Internal Notes:*	(0:3)
PMED_VAL	Out of pocket expenditures for non-premium medical care *Values:* 0 - 999999 *Universe:* All Persons *Internal Notes:*	(0:999999)
PNSN_VAL	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 *Internal Notes:* combine pen_val1 + pen_val2	(0:9999999)
POCCU2	OCCUP. OF LONGEST JOB BY DETAILED GROUPS *Values:* See Appendix B for values and descriptions *Universe:* WKSWORK > 0 *Internal Notes:*	(0:53)
POTC_VAL	Out of pocket expenditures for over the counter health related spending *Values:* 0 - 99999 *Universe:* All Persons *Internal Notes:*	(0:99999)
POTHVAL	All income not from earnings *Values:* 0 = none negative amt = income (loss) positive amt = income *Universe:* All Persons aged 15+ *Internal Notes:*	(-99999:99999999)
POV_UNIV	POVERTY UNIVERSE FLAG *Values:* 0 = NOT IN POVERTY UNIVERSE 1 = IN POVERTY UNIVERSE *Universe:* All Persons *Internal Notes:*	(0:1)

Variable	***Description***	***Range***
PPPOS	Person identifier. This field plus PH_SEQ results in a unique person number for the file. *Values:* 41:79 = index for person identifier *Universe:* All Persons *Internal Notes:* Old description: Trailer portion of unique household ID. 00 for HH record. Same function in family record is field FFPOS (01-39) Same function in person record is PPPOS (41-79)	(41:79)
PRAGNA	AGRICULTURE/NON AGRICULTURE INDUSTRY 1 Agricultural 2 Non-agricultural *Values:* *Universe:* *Internal Notes:*	(-4:2)
PRBLNONB	Black only recode (Starting in January 2003) VALID ENTRIES ---------- 1 Black Only (Starting in January 2003) 2 All Others (Starting in January 2003) *Values:* *Universe:* *Internal Notes:*	(1:2)
PRCITFLG	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 *Internal Notes:*	(0:53)
PRCITSHP	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 *Internal Notes:*	(-4:5)
PRCIVLF	CIVILIAN LABOR FORCE 01 In civilian labor force 02 Not in civilian labor force *Values:* *Universe:* *Internal Notes:*	(-4:2)

Variable	Description	Range
PRCOW1	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 *Internal Notes:* -1=NIU on internal file	(-1:6)
PRDASIAN	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 *Internal Notes:*	(-1:7)
PRDISC	Discouraged worker recode *Values:* 0 = NIU 1 = Discouraged worker 2 = Conditionally interested 3 = Not available *Universe:* All Persons *Internal Notes:* -1=NIU on internal file	(-1:3)
PRDISFLG	Does this person have any of these disability conditions? *Values:* -1 = NIU 1 = Yes 2 = No *Universe:* PRPERTYP = 2 *Internal Notes:*	(-1:2)
PRDTHSP	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 *Internal Notes:*	(0:8)
PRDTIND1	*Values:* *Universe:* *Internal Notes:*	()

Variable	***Description***	***Range***
PRDTOCC1		()
	Values:	
	Universe:	
	Internal Notes:	
PRDTRACE	Race	(1:31)
	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	
	Internal Notes: Internal Values: 1= White Only 2= Black Only 3= American Indian Only 4= Asian Only 3= Hawaiian Only 6= White-Black 7= White-AI 8= White-Asian 9= White-Hawaiian 10= Black-AI 11= Black-Asian 12= Black-HP 13=AI-Asian 14= AI-HP 15= Asian-HP 16= W-B-AI 17= W-B-A 18= W-B-HP 19= W-AI-A 20= W-AI-HP 21= W-A-HP 22= B-AI-A 23= B-AI-HP 24= B-A-HP 25= AI-A-HP 26= W-B-AI-A 27= W-AI-A-HP 28= W-B-A-HP 29= W-B-AI-HP 30= B-AI-A-HP 31= W-B-AI-A-HP	

Record Type: *Person*

Variable	*Description*	*Range*
PRECORD	Record type. Used to identify records on ascii file. *Values:* 3 = person record *Universe:* All Persons *Internal Notes:*	(3:3)
PRERELG	Earnings eligibility flag *Values:* 0 = Not earnings eligible 1 = Earnings eligible *Universe:* All Persons *Internal Notes:* -1=NIU on internal file	(-1:1)
PRERNHLY	RECODE FOR HOURLY RATE 2 Implied decimals 0 Min Value 9999 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:9999)
PRERNHRR	*Values:* *Universe:* *Internal Notes:*	()
PRERNWA	WEEKLY EARNINGS RECODE (2 Implied decimals) 0 Min Value 99999999 Max Value *Values:* *Universe:* *Internal Notes:*	(-4:99999999)
PREXPLF	EXPERIENCED LABOR FORCE EMPLOYMENT 1 Employed 2 Unemployed *Values:* *Universe:* *Internal Notes:*	(-4:2)

Variable	Description	Range
PRFAMNUM	FAMILY NUMBER RECODE 00 Not a family member 01 Primary family member only 02 Subfamily no. 2 member 03 Subfamily no. 3 member 04 Subfamily no. 4 member 05 Subfamily no. 5 member 06 Subfamily no. 6 member 07 Subfamily no. 7 member 08 Subfamily no. 8 member 09 Subfamily no. 9 member 10 Subfamily no. 10 member 11 Subfamily no. 11 member 12 Subfamily no. 12 member 13 Subfamily no. 13 member 14 Subfamily no. 14 member 15 Subfamily no. 15 member 16 Subfamily no. 16 member 17 Subfamily no. 17 member 18 Subfamily no. 18 member 19 Subfamily no. 19 member *Values:* *Universe:* *Internal Notes:*	(-4:19)
PRFAMREL	FAMILY RELATIONSHIP RECODE 0 Not a family member 1 Reference person 2 Spouse 3 Child 4 Other relative (primary family & unrel) *Values:* *Universe:* *Internal Notes:*	(-4:4)
PRFAMTYP	FAMILY TYPE RECODE 1 Primary family 2 Primary individual 3 Related subfamily 4 Unrelated subfamily 5 Secondary individual *Values:* *Universe:* *Internal Notes:*	(-4:5)
PRFNTVTY	Recoded nativty code. Reduces the 625 instrument codes into the 266 codes used in ACS. *Values:* 57:565 = See ACS values *Universe:* *Internal Notes:*	(57:565)
PRFTLF	FULL TIME LABOR FORCE 1 Full time labor force 2 Part time labor force *Values:* *Universe:* *Internal Notes:*	(-4:2)

Variable		Description	Range
PRHERNAL		Allocation flag for A_HRSPAY *Values:* 0 = Not allocated 1 = Allocated *Universe:* All Persons *Internal Notes:*	(0:1)
PRHSPNON		Hispanic or non Hispanic VALID ENTRIES ---------- 1 Hispanic 2 Non-hispanic *Values:* *Universe:* *Internal Notes:*	(1:2)
PRIELS	(16)	Who was covered by private health insurance? 0 = niu 1 - 16 (line no. of person was covered) *Values:* *Universe:* *Internal Notes:*	(0:16)
PRINUYER		IMMIGRANT'S YEAR OF ENTRY -1 Not in Universe (Born in U.S.) 00 Not Foreign Born 01 Before 1950 02 1950-1959 03 1960-1964 04 1965-1969 05 1970-1974 06 1975-1979 07 1980-1981 08 1982-1983 09 1984-1985 10 1986-1987 11 1988-1989 12 1990-1991 13 1992-1993 14 1994-1995 15 1996-1997 16 1998-1999 17 2000-2001 18 2002-2003 19 2004-2005 20 2006-2007 21 2008-2009 22 2010-2011 23 2012-2015 *Values:* *Universe:* *Internal Notes:*	(-4:53)
PRIV		Covered by private plan last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)

Variable	Description	Range
PRIV_CYR	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 *Internal Notes:*	(0:3)
PRIV_LCSP1	Left-censored - 1st spell of private coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* PRIV = 1 *Internal Notes:*	(0:2)
PRIV_MON	Number of months with private coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
PRIV_RCSP1	Right-censored - 1st spell of private coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* PRIV = 1 *Internal Notes:*	(0:2)
PRIV_RCSP2	Right-censored - 2nd spell of private coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* PRIV = 1 *Internal Notes:*	(0:2)
PRIV_SP1	Length of the 1st spell of private coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
PRIV_SP2	Length of the 2nd spell of private coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
PRMARSTA	MARITAL STATUS BASED ON ARMED FORCES PARTICIPATION 1 Married, civilian spouse present 2 Married, armed forces spouse present 3 Married, spouse absent (exc. separated) 4 Widowed 5 Divorced 6 Separated 7 Never married *Values:* *Universe:* *Internal Notes:*	(-4:7)

Variable	Description	Range
PRMJIND1	*Values:* *Universe:* *Internal Notes:*	()
PRMJOCC1	*Values:* *Universe:* *Internal Notes:*	()
PRMNTVTY	Recoded nativty code. Reduces the 625 instrument codes into the 266 codes used in ACS. *Values:* 57:565 = See ACS values *Universe:* *Internal Notes:*	(57:565)
PRNATVTY	Recoded nativty code. Reduces the 625 instrument codes into the 266 codes used in ACS. *Values:* 57:565 = See ACS Values *Universe:* *Internal Notes:*	(57:565)
PRNLFSCH	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 *Internal Notes:* -1=NIU on internal file	(-1:2)
PRPERTYP	Type of person record recode *Values:* 1 = Child household member 2 = Adult civilian household member 3 = Adult Armed Forces household member *Universe:* All Persons *Internal Notes:*	(-4:3)

Variable	Description	Range
PRPTREA	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 *Internal Notes:* -1=NIU on internal file	(-1:23)
PRRACEA	Asian White answered for any Race Field If any of PERACE1-5 = 4, then PRRACEA= 1, otherwise PRRACEA= 2. *Values:* *Universe:* *Internal Notes:*	(-1:2)
PRRACEAI	American Indian, etc. answered for any Race Field If any of PERACE1-5 = 3, then PRRACEAI = 1, otherwise PRRACEAI = 2. *Values:* *Universe:* *Internal Notes:*	(-1:2)
PRRACEB	Black answered for any Race Field If any of PERACE1-5 = 2, then PRRACEB = 1, otherwise PRRACEB = 2. *Values:* *Universe:* *Internal Notes:*	(-1:2)
PRRACEHP	Hawaiian, Other Pacific Islander answered for any Race Field If any of PERACE1-5 = 5 then PRRACEHP 1, otherwise PRRACEHP 2. *Values:* *Universe:* *Internal Notes:*	(-1:2)

Variable	Description	Range
PRRACEW	White answered for any Race Field If any of PERACE1-5 = 1, then PRRACEW = 1, otherwise PRRACEW = 2. *Values:* *Universe:* *Internal Notes:*	(-1:2)
PRRELSEXFLG	Relationship-Sex Allocation Flag *Values:* -1 = Not in Universe 0 = No Relationship/Sex Inconsistency 1 = Married Couple 70% Case, RRP = 40's Sex Revised 2 = Married Couple 70% Case, Spouse's Sex Revised 3 = Married Couple 70% Case, Relationship Revised 4 = Married Couple 30 % Case, RRP = 40's Sex Revised 5 = Married Couple 30 % Case, Spouse's Sex Revised 6 = Married Couple 30% Case, Relationship Revised 7 = Cohab Couple 70% Case, RRP = 40's Sex Revised 8 = Cohab Couple 70% Case, Partner's Sex Revised 9 = Cohab Couple 70% Case, Relationship Revised 10 = Cohab Couple 30 % Case, RRP = 40's Sex Revised 11 = Cohab Couple 30 % Case, Partner's Sex Revised 12 = Cohab Couple 30% Case, Relationship Revised *Universe:* (PERRP = 40-41 and partner present in household) or (PERRP 42-27) *Internal Notes:*	(-1:12)
PRSAMSEX	Type of same sex relationship *Values:* -1 = NOT PART OF A SAME SEX COUPLE 01 = SAME SEX MARRIED COUPLE INCLUDING THE REFERENCE PERSON 02 = SAME SEX COHAB COUPLE INCLUDING THE REFERENCE PERSON 03 = OTHER SAME SEX MARRIED COUPLE 04 = OTHER SAME SEX COHAB COUPLE *Universe:* *Internal Notes:*	(-1:4)
PRSWKXPNS	Work Expenses *Values:* 0=none; dollar amount *Universe:* A_AGE > 17 or HHDFMX = 1,2,46, or 47 *Internal Notes:*	(0:1999)
PRUNEDUR	RECODE THAT STORES PELAYDUR VALUE IF MLR=3 AND STORES PELKDUR VALUE IF MLR=4 0 Min Value (weeks) 999 Max Value (weeks) *Values:* *Universe:* *Internal Notes:*	(-4:999)

Variable	***Description***	***Range***
PRUNTYPE	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 *Internal Notes:* -1=NIU on internal file	(-1:6)
PRWERNAL	Allocation flag for A_GRSWK *Values:* 0 = Not allocated 1 = Allocated *Universe:* PRERELG=1 *Internal Notes:* -1=NIU on internal file	(-1:1)
PRWHNONW	White only recode (Starting in January 2003) VALID ENTRIES ---------- 1 White Only (Starting in January 2003) 2 All Others (Starting in January 2003) *Values:* *Universe:* *Internal Notes:*	(1:2)
PRWKSCH	LABOR FORCE BY TIME WORKED OR LOST 0 Not in labor force 1 At work 2 With job, not at work 3 Unemployed, seeks FT 4 Unemployed, seeks PT *Values:* *Universe:* *Internal Notes:*	(-4:4)
PRWKSTAT	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 *Internal Notes:*	(0:12)

Variable	***Description***	***Range***
PRWNTJOB	NILF RECODE - WANT A JOB OR OTHER NILF 1 Want a job 2 Other not in labor force *Values:* *Universe:* *Internal Notes:*	(-4:2)
PRWTRACE	Weighting Recode 1. White Only 2. Black Only 3. Asian Only 4. Residual *Values:* *Universe:* *Internal Notes:*	(-1:4)
PTDTRACE	Suppressed RACE *Values:* 01 White Only 02 Black Only 03 American Indian, Alaskan Native Only 04 Asian Only 05 Hawaiian/Pacific Islander Only 06 White-Black 07 White-AI 08 White-Asian 09 White-Hawaiian 10 Black-AI 11 Black-Asian 12 Black-HP 13 AI-Asian 14 Asian-HP 15 W-B-AI 16 W-B-A 17 W-AI-A 18 W-A-HP 19 W-B-AI-A 20 2 or 3 Races 21 4 or 5 Races *Universe:* *Internal Notes:*	(1:21)

Variable	Description	Range
PTOT_R	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+ *Internal Notes:*	(0:41)
PTOTVAL	total persons income *Values:* 0 = none negative amt = income (loss) positive amt = income *Universe:* All Persons aged 15+ *Internal Notes:*	(-99999:99999999)
PTRSN	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 *Internal Notes:*	(0:4)

Variable	Description	Range
PTWEEKS	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 *Internal Notes:*	(0:52)
PTYN	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 *Internal Notes:*	(0:2)
PU65CRN2	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PU70C1RN2	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUADDGAP1_F	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUADDGAP1_L	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUADDOTH1_F	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUADDOTH1_L	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUADDOTH2_F	*Values:* *Universe:* *Internal Notes:*	(-3:2)

Variable	Description	Range
PUADDOTH2_L		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUANNEWrn1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUANNEWRN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUANNEWT		(-3:99999999)
	Values: *Universe:* *Internal Notes:*	
PUANNNEW1		(-3:7)
	Values: *Universe:* *Internal Notes:*	
PUANNNEW2		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUANNNEW3		(-3:52)
	Values: *Universe:* *Internal Notes:*	
PUANNNEW4		()
	Values: *Universe:* *Internal Notes:*	
PUANNNEW5	Best estimate of annuity income received LY	(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUANYCOV		(-3:2)
	Values: *Universe:* *Internal Notes:*	

Variable		Description	Range
PUANYLAST_L	14	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUANYTHIS_LC	6	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUB		Public coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
PUB_CYR		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 *Internal Notes:*	(0:3)
PUB_LCSP1		Left-censored - 1st spell of public coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* PUB = 1 *Internal Notes:*	(0:2)
PUB_MON		Number of months with public coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
PUB_RCSP1		Right-censored - 1st spell of public coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* PUB = 1 *Internal Notes:*	(0:2)
PUB_RCSP2		Right-censored - 2nd spell of public coverage *Values:* 0 = Niu 1= Yes 2= No *Universe:* PUB = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
PUB_SP1	Length of the 1st spell of public coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
PUB_SP2	Length of the 2nd spell of public coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
PUBACKPAY1	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUBACKPAY2	*Values:* *Universe:* *Internal Notes:*	(-3:99999)
PUBEFORAFT_	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUBIRTHM	Birth Month 01 = Min Value 12 = Max Value *Values:* *Universe:* *Internal Notes:*	(-3:12)
PUBIRTHY	*Values:* *Universe:* *Internal Notes:*	(-3:9999)
PUCAPGDAMT	*Values:* *Universe:* *Internal Notes:*	(-3:9999999)
PUCAPGDAMT	*Values:* *Universe:* *Internal Notes:*	(-3:3)

Variable	Description	Range
PUCAPGDAMT		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUCAPGDIS		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUCNTCOV_LC		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUCOHAB	Line number of cohabitating partner	(0:16)
	Values: *Universe:* *Internal Notes:*	
PUCONTRIB1	Did this person make any contributions to their retirement account(s)? 1-Yes 2-No	(-3:2)
	Values: 1=Yes 2=No *Universe:* *Internal Notes:*	
PUCONTRIB2	Retirement Contributions Amount	(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUCOULD		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUCOVWHO_F 16		(-5:19)
	Values: *Universe:* *Internal Notes:*	
PUCOVWHO_F 16		(-5:19)
	Values: *Universe:* *Internal Notes:*	

Variable		Description	Range
PUCOVWHO_F	16	*Values:* *Universe:* *Internal Notes:*	(-5:19)
PUCOVWHO_L	16	*Values:* *Universe:* *Internal Notes:*	(-5:19)
PUCOVWHO_L	16	*Values:* *Universe:* *Internal Notes:*	(-5:19)
PUCOVWHO_L	16	*Values:* *Universe:* *Internal Notes:*	(-5:19)
PUCOVWHO_L	16	*Values:* *Universe:* *Internal Notes:*	(-5:19)
PUCRSS	(4)	What were the reasons (Child's name/the children) (was/were) getting Social Security last year? 0 = niu 1 = disabled child/children 2 = surviving child/children 3 = dependent child/children 4 = other *Values:* *Universe:* *Internal Notes:*	(-5:4)
PUCSPAMT		Amount paid in child support -1 - NIU 0 - 99999 Dollar amount *Values:* *Universe:* *Internal Notes:*	(-1:99999)
PUCSPREQ		Required to pay child support? 0 - NIU 1 - Yes 2 - No *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable		Description	Range
PUCSS	(16)	Which children under age 19 were receiving Social Security last year? -3 = refused -2 = don't know 0-16 = line number of children under age 19 receiving Social Security Income last year *Values:* *Universe:* *Internal Notes:*	(-5:16)
PUCSSI	(16)	Which children under age 18 were receiving Supplemental Security Income last year? -3 = refused -2 = don't know 0-16 = line number of children under age 18 receiving Supplemental Security Income last year *Values:* *Universe:* *Internal Notes:*	(-5:16)
PUDISTNEW1		*Values:* *Universe:* *Internal Notes:*	(-3:7)
PUDISTNEW2		*Values:* *Universe:* *Internal Notes:*	(-3:9999999)
PUDISTNEW3		*Values:* *Universe:* *Internal Notes:*	(-3:52)
PUDISTNEW4		*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUDISTNEW5		*Values:* *Universe:* *Internal Notes:*	(-3:9999999)
PUDISTNEW6		*Values:* *Universe:* *Internal Notes:*	(-3:7)

Variable	Description	Range
PUDISTNEW7		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUDISTNEW8		(-3:52)
	Values: *Universe:* *Internal Notes:*	
PUDISTNEW9		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUDSTNEW10		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUDSTNEWr1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUDSTNEWR2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUDSTNEWr3		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUDSTNEWr4		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUDSTNEWT1		(-3:99999999)
	Values: *Universe:* *Internal Notes:*	
PUDSTNEWT2		(-3:99999999)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUDSTNEWTO	output variable for DISTNEW *Values:* *Universe:* *Internal Notes:*	(-3:9999999)
PUERN2	Calculated weekly overtime amount Note: Calculated weekly overtime amount for hourly workers 2 Implied decimals *Values:* *Universe:* *Internal Notes:*	(-3:99999999)
PUERNH1C	What is your hourly rate of pay on this job, excluding overtime pay, tips or commission? 2 Implied decimals *Values:* *Universe:* *Internal Notes:*	(-3:9999)
PUEXCHTYPE_	*Values:* *Universe:* *Internal Notes:*	(-3:4)
PUEXCHTYPE_	*Values:* *Universe:* *Internal Notes:*	(-3:4)
PUEXCHTYPE_	*Values:* *Universe:* *Internal Notes:*	(-3:4)
PUEXCHTYPE_	*Values:* *Universe:* *Internal Notes:*	(-3:4)
PUEXCHTYPE_	*Values:* *Universe:* *Internal Notes:*	(-3:4)
PUEXCHTYPE_	*Values:* *Universe:* *Internal Notes:*	(-3:4)

Variable	Description	Range
PUEXCHTYPE_		(-3:4)
	Values: *Universe:* *Internal Notes:*	
PUFHINTRO	follower health insurer intro	(1)
	Values: *Universe:* *Internal Notes:*	
PUGOVPLAN_F		(-3:18)
	Values: *Universe:* *Internal Notes:*	
PUGOVPLAN_F		(-3:18)
	Values: *Universe:* *Internal Notes:*	
PUGOVPLAN_F		(-3:18)
	Values: *Universe:* *Internal Notes:*	
PUGOVPLAN_L		(-3:18)
	Values: *Universe:* *Internal Notes:*	
PUGOVPLAN_L		(-3:18)
	Values: *Universe:* *Internal Notes:*	
PUGOVPLAN_L		(-3:18)
	Values: *Universe:* *Internal Notes:*	
PUGOVPLAN_L		(-3:18)
	Values: *Universe:* *Internal Notes:*	
PUGOVTYPE_F		(-3:5)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUGOVTYPE_F	*Values:* *Universe:* *Internal Notes:*	(-3:5)
PUGOVTYPE_F	*Values:* *Universe:* *Internal Notes:*	(-3:5)
PUGOVTYPE_L	*Values:* *Universe:* *Internal Notes:*	(-3:5)
PUGOVTYPE_L	*Values:* *Universe:* *Internal Notes:*	(-3:5)
PUGOVTYPE_L	*Values:* *Universe:* *Internal Notes:*	(-3:5)
PUGOVTYPE_L	*Values:* *Universe:* *Internal Notes:*	(-3:5)
PUHealthStatus	*Values:* *Universe:* *Internal Notes:*	(-3:5)
PUHHMEM	Is this your usual place of residence? ** Related Recode: PRPERTYP *Values:* 1 = Yes, HH mem 2 = No, not HH mem 3 = No, but proxy respondent *Universe:* *Internal Notes:*	(1:3)
PUHIPAID_FP1	*Values:* *Universe:* *Internal Notes:*	(-3:3)

Variable	Description	Range
PUHIPAID_FP2	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUHIPAID_FP3	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUHIPAID_LC1	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUHIPAID_LP1	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUHIPAID_LP2	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUHIPAID_LP3	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUHIPREM	Household members age 18+, skipping those households where everyone reports as having no insurance. 0-99999 Dollar amount *Values:* *Universe:* *Internal Notes:*	(-1:99999)
PUHSPNON	Unedited hispanic origin *Values:* -3 = Refused -2 = Don't Know -1 = Out of universe 1 = Yes 2 = No *Universe:* *Internal Notes:*	(-3:2)
PUIO1COW	Class of Worker Job 1 *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
PUJOBCOV_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUJOBCOV_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUJOBCOV_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUJOBCOV_LC	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUJOBCOV_LP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUJOBCOV_LP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUJOBCOV_LP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PULINENO	LINE NUMBER Response codes = 1 N (Unlimited numbers may be assigned, but the instrument will allow interviewer to collect data for a maximum of 16 persons.) NOTE: Out to in program will suppress line numbers that need not appear on input file (deleted household members) to maximize the number of persons for whom data may be collected. 01 Min Value 99 Max Value *Values:* *Universe:* *Internal Notes:*	(-3:99)
PUMARITL	marital status *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
PUMCARE1	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUMEDAMT	Amount paid for health care 0-99999 Dollar amount *Values:* *Universe:* *Internal Notes:*	(-1:99999)
PUMEDI	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUMILPLAN_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUMILPLAN_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUMILPLAN_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUMILPLAN_LC	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUMILPLAN_LP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUMILPLAN_LP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUMILPLAN_LP	*Values:* *Universe:* *Internal Notes:*	(-3:2)

Variable	Description	Range
PUMILTYPE_FP	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUMILTYPE_FP	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUMILTYPE_FP	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUMILTYPE_LC	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUMILTYPE_LP	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUMILTYPE_LP	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUMILTYPE_LP	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUMISCSPEC_	*Values:* *Universe:* *Internal Notes:*	()
PUMISCSPEC_	Misc source of plan write-in *Values:* *Universe:* *Internal Notes:*	()
PUMISCSPEC_	Misc source of plan write-in *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
PUMISCSPEC_	Misc source of plan write-in *Values:* *Universe:* *Internal Notes:*	()
PUMISCSPEC_	Misc source of plan write-in *Values:* *Universe:* *Internal Notes:*	()
PUMISCSPEC_	Misc source of plan write-in *Values:* *Universe:* *Internal Notes:*	()
PUMISCSPEC_	Misc source of plan write-in *Values:* *Universe:* *Internal Notes:*	()
PUMLR	Monthly Labor Force Recode *Values:* *Universe:* *Internal Notes:*	()
PUMNTHBEG1_	 *Values:* *Universe:* *Internal Notes:*	(-3:12)
PUMNTHBEG2_	 *Values:* *Universe:* *Internal Notes:*	(-3:12)
PUMNTHS_FP1 (16)	 *Values:* *Universe:* *Internal Notes:*	(-3:16)
PUMNTHS_FP1 16	 *Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP1 16	 *Values:* *Universe:* *Internal Notes:*	(-3:21)

Variable		Description	Range
PUMNTHS_FP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)

Variable		Description	Range
PUMNTHS_FP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)

Variable		Description	Range
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)

Variable		Description	Range
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)

Variable		Description	Range
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_FP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)

Variable		Description	Range
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)

Variable		Description	Range
PUMNTHS_LC1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)

Variable		Description	Range
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP1	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)

Variable		Description	Range
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)

Variable		Description	Range
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP2	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)

Variable		Description	Range
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUMNTHS_LP3	16	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUNX1OTH		*Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
PUNX1RES	*Values:* *Universe:* *Internal Notes:*	()
PUNXTCLM	Did nextmover'name/you live inside the city limits? -1 = n/a 0 = niu 1 = yes, inside city limits 2 = no, outside city limits or post office name only *Values:* *Universe:* *Internal Notes:*	(-1:2)
PUNXTCN1	what country did nextmover'name/you live in 1 year ago. *Values:* *Universe:* *Internal Notes:*	(-1:696)
PUNXTCOU	*Values:* *Universe:* *Internal Notes:*	()
PUNXTPLC	*Values:* *Universe:* *Internal Notes:*	()
PUNXTRES	what was ... main reason for moving? *Values:* -3 = refused -2 = don't know 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 13 = cheaper housing 14 foreclosure/eviction 15 = other housing reason 16 = attend/leave college 17 = change of climate 18 = health reasons 19 = natural disaster (hurricane, tornado, etc.) 20 = other reason *Universe:* *Internal Notes:*	(-3:20)

Variable	Description	Range
PUNXTSAM	Did nextmover'name/you live in this house 1 year ago on March 1, 20..? -1 = n/a 0 = niu 1 = this house (apt) 2 = no, different house in u.s. 3 = no, outside the u.s. *Values:* *Universe:* *Internal Notes:*	(-1:3)
PUNXTSTA	*Values:* *Universe:* *Internal Notes:*	()
PUNXTZIP	*Values:* *Universe:* *Internal Notes:*	()
PUOFFER	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOPTOUT	SSN opt-out status values ----- -1 no opt out 1 opt out *Values:* *Universe:* *Internal Notes:*	(-1:1)
PUOTCAMT	Unedited amount paid for over-the-counter health-related products, age 15+ *Values:* *Universe:* *Internal Notes:*	(-3:99999)
PUOTHGOVT	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOTHMEMB_F	*Values:* *Universe:* *Internal Notes:*	(-3:2)

Variable	Description	Range
PUOTHMEMB_F	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOTHMEMB_F	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOTHMEMB_L	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOTHMEMB_L	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOTHMEMB_L	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOTHMEMB_L	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOTHOUT_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOTHOUT_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOTHOUT_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOTHOUT_LC	*Values:* *Universe:* *Internal Notes:*	(-3:2)

Variable		Description	Range
PUOTHOUT_LP		*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOTHOUT_LP		*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOTHOUT_LP		*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUOTHWHO_F	3	*Values:* *Universe:* *Internal Notes:*	(1:3)
PUOTHWHO_F	3	*Values:* *Universe:* *Internal Notes:*	(1:3)
PUOTHWHO_F	3	*Values:* *Universe:* *Internal Notes:*	(1:3)
PUOTHWHO_L	3	*Values:* *Universe:* *Internal Notes:*	(1:3)
PUOTHWHO_L	3	*Values:* *Universe:* *Internal Notes:*	(1:3)
PUOTHWHO_L	3	*Values:* *Universe:* *Internal Notes:*	(1:3)
PUOTHWHO_L	3	*Values:* *Universe:* *Internal Notes:*	(1:3)

Variable	Description	Range
PUOUTTYP	type of hlth ins,covered by someone outside hhld, last yr *Values:* *Universe:* *Internal Notes:*	(-1:2)
PUPAR1	Line number of Par1 *Values:* *Universe:* *Internal Notes:*	(-3:16)
PUPAR1TYP	type of mother *Values:* *Universe:* *Internal Notes:*	(-3:3)
PUPAR2	Line number of Par2 *Values:* *Universe:* *Internal Notes:*	(-3:16)
PUPAR2TYP	type of father *Values:* *Universe:* *Internal Notes:*	(-3:3)
PUPINTRO	all persons health insurer intro *Values:* *Universe:* *Internal Notes:*	(1)
PUPOLHOLDER	 *Values:* *Universe:* *Internal Notes:*	(-3:17)
PUPOLHOLDER	 *Values:* *Universe:* *Internal Notes:*	(-3:17)
PUPOLHOLDER	 *Values:* *Universe:* *Internal Notes:*	(-3:17)
PUPOLHOLDER	 *Values:* *Universe:* *Internal Notes:*	(-3:17)

Variable	Description	Range
PUPOLHOLDER	*Values:* *Universe:* *Internal Notes:*	(-3:17)
PUPOLHOLDER	*Values:* *Universe:* *Internal Notes:*	(-3:17)
PUPOLHOLDER	*Values:* *Universe:* *Internal Notes:*	(-3:17)
PUPOLHOLDER	*Values:* *Universe:* *Internal Notes:*	(-3:17)
PUPOLHOLDER	*Values:* *Universe:* *Internal Notes:*	(-3:17)
PUPOLHOLDER	*Values:* *Universe:* *Internal Notes:*	(-3:17)
PUPOLHOLDER	*Values:* *Universe:* *Internal Notes:*	(-3:17)
PUPOLHOLDER	*Values:* *Universe:* *Internal Notes:*	(-3:17)
PUPOLHOLDER	*Values:* *Universe:* *Internal Notes:*	(-3:17)
PUPOLHOLDER	*Values:* *Universe:* *Internal Notes:*	(-3:17)

Variable	Description	Range
PUPORTAL_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPORTAL_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPORTAL_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPORTAL_LC	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPORTAL_LP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPORTAL_LP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPORTAL_LP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPREMSUBS_	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPREMSUBS_	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPREMSUBS_	*Values:* *Universe:* *Internal Notes:*	(-3:2)

Variable	Description	Range
PUPREMSUBS_	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPREMSUBS_	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPREMSUBS_	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPREMSUBS_	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPREMYN_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPREMYN_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPREMYN_FP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPREMYN_LC	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPREMYN_LP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUPREMYN_LP	*Values:* *Universe:* *Internal Notes:*	(-3:2)

Variable	Description	Range
PUPREMYN_LP	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUQ29A	'worked at job/business during year' *Values:* *Universe:* *Internal Notes:*	()
PUQ29B	temp/P/T or seasonal work for a few days *Values:* *Universe:* *Internal Notes:*	()
PUQ30	did not work,spend time to find a job *Values:* *Universe:* *Internal Notes:*	()
PUQ31	how many wks,look for work or layoff *Values:* *Universe:* *Internal Notes:*	()
PUQ32	main reason for not working *Values:* *Universe:* *Internal Notes:*	()
PUQ331	*Values:* *Universe:* *Internal Notes:*	()
PUQ33MON	*Values:* *Universe:* *Internal Notes:*	()
PUQ33OUT	how many wks work even for a few hrs *Values:* *Universe:* *Internal Notes:*	()
PUQ33VER	Verification for number of weeks worked last year, as reported in number of months in Q33mon *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
PUQ351	lose wks of work,layoff/lost job *Values:* *Universe:* *Internal Notes:*	()
PUQ35SP	Specify mistake made in number of weeks worked last year *Values:* *Universe:* *Internal Notes:*	()
PUQ36	how many wks,look/layoff from a job *Values:* *Universe:* *Internal Notes:*	()
PUQ37	layoff/look for work,in one stretch *Values:* *Universe:* *Internal Notes:*	()
PUQ381	main reason for not wk/lk for wk *Values:* *Universe:* *Internal Notes:*	()
PUQ38SP	Other reason for not working 52 weeks last year, and not spending all of the remaining weeks looking for work or on layoff *Values:* *Universe:* *Internal Notes:*	()
PUQ39	how many employ.work *Values:* *Universe:* *Internal Notes:*	()
PUQ41	how many hrs work per week *Values:* *Universe:* *Internal Notes:*	()
PUQ43	Work less than 35 hours for at least one week *Values:* *Universe:* *Internal Notes:*	()
PUQ44	how many wks work less than 35 hrs *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
PUQ45	main reason wk less than 35 hrs per wk *Values:* *Universe:* *Internal Notes:*	()
PUQ46	what was your longest job *Values:* *Universe:* *Internal Notes:*	()
PUQ4788	num of employes employed *Values:* *Universe:* *Internal Notes:*	()
PUQ47A	*Values:* *Universe:* *Internal Notes:*	()
PUQ47B	*Values:* *Universe:* *Internal Notes:*	()
PUQ47B1	Is this business or organization mainly manufacturing, retail trade, wholesale trade, or something else? 1 = Manufacturing 2 = Retail Trade 3 = Wholesale trade 4 = Something else *Values:* *Universe:* *Internal Notes:*	(-4:4)
PUQ47C	*Values:* *Universe:* *Internal Notes:*	()
PUQ47D (2)	*Values:* *Universe:* *Internal Notes:*	()
PUQ47E1	*Values:* *Universe:* *Internal Notes:*	()

Variable		Description	Range
PUQ47E1A			()
		Values: *Universe:* *Internal Notes:*	
PUQ47E1B			()
		Values: *Universe:* *Internal Notes:*	
PUQ47E1C			()
		Values: *Universe:* *Internal Notes:*	
PUQ48A	(3)		()
		Values: *Universe:* *Internal Notes:*	
PUQ48AA		Earnings from longest job	()
		Values: *Universe:* *Internal Notes:*	
PUQ48AAD			()
		Values: *Universe:* *Internal Notes:*	
PUQ48AADRN1			(-3:3)
		Values: *Universe:* *Internal Notes:*	
PUQ48AADRN2			(-3:3)
		Values: *Universe:* *Internal Notes:*	
PUQ48AAP			()
		Values: *Universe:* *Internal Notes:*	
PUQ48AARN1			(-3:3)
		Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ48AARN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ48AT	Earnings from longest job	()
	Values: *Universe:* *Internal Notes:*	
PUQ48AV		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B	net earnings from business	()
	Values: *Universe:* *Internal Notes:*	
PUQ48B2		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B2L		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B3		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B3C		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B3L		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B4		()
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ48B4C		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B4L		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B5		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B5C		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B5L		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B6		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B6C		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B6L		()
	Values: *Universe:* *Internal Notes:*	
PUQ48B7		()
	Values: *Universe:* *Internal Notes:*	
PUQ48BAD		()
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ48BADRN1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ48badrn2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ48BC		()
	Values: *Universe:* *Internal Notes:*	
PUQ48BL		()
	Values: *Universe:* *Internal Notes:*	
PUQ48BLO	Business loss amount	()
	Values: *Universe:* *Internal Notes:*	
PUQ48BP		()
	Values: *Universe:* *Internal Notes:*	
PUQ48BRN1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ48BRN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ48BT	Business profit amount	()
	Values: *Universe:* *Internal Notes:*	
PUQ49A	earn money from any otr wk.	()
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ49B11	*Values:* *Universe:* *Internal Notes:*	()
PUQ49B12	*Values:* *Universe:* *Internal Notes:*	()
PUQ49B13	*Values:* *Universe:* *Internal Notes:*	()
PUQ49B1A	*Values:* *Universe:* *Internal Notes:*	()
PUQ49B1ARN1	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ49B1ARN2	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ49B1D	*Values:* *Universe:* *Internal Notes:*	()
PUQ49B1DRN1	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ49B1DRN2	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ49B1P	*Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
PUQ49B1T		()
	Values: *Universe:* *Internal Notes:*	
PUQ49B1V		()
	Values: *Universe:* *Internal Notes:*	
PUQ49B2		()
	Values: *Universe:* *Internal Notes:*	
PUQ49B2C		()
	Values: *Universe:* *Internal Notes:*	
PUQ49B2RN1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ49B2RN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ49B3		()
	Values: *Universe:* *Internal Notes:*	
PUQ49B4		()
	Values: *Universe:* *Internal Notes:*	
PUQ49B4C		()
	Values: *Universe:* *Internal Notes:*	
PUQ49b4rn1		(-3:3)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ49B4RN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ49B5		()
	Values: *Universe:* *Internal Notes:*	
PUQ51A11R1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ51A11R2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ51A1P		()
	Values: *Universe:* *Internal Notes:*	
PUQ51A1T	how much,unemploy benefits	()
	Values: *Universe:* *Internal Notes:*	
PUQ51A21R1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ51A21R2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ51A2P		()
	Values: *Universe:* *Internal Notes:*	
PUQ51A2T	how much,unemploy benefits	()
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ51A31R1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ51A31R2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ51A3P		()
	Values: *Universe:* *Internal Notes:*	
PUQ51A3T	how much,unemploy benefits	()
	Values: *Universe:* *Internal Notes:*	
PUQ52B	type of payment	()
	Values: *Universe:* *Internal Notes:*	
PUQ52C (4)		()
	Values: *Universe:* *Internal Notes:*	
PUQ52CP		()
	Values: *Universe:* *Internal Notes:*	
PUQ52CR1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ52CR2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ52CT	how much compensation;received	()
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ562D	Amount received in social security disability payments *Values:* *Universe:* *Internal Notes:*	()
PUQ562D2	Number of (months/quarters) social security disabilty rec'd last year *Values:* *Universe:* *Internal Notes:*	()
PUQ562D3	amount before/after the medicare deduction? *Values:* *Universe:* *Internal Notes:*	()
PUQ562D5	Verification for amount of SSDI received *Values:* *Universe:* *Internal Notes:*	()
PUQ562D6	Best estimate of SSDI received LY *Values:* *Universe:* *Internal Notes:*	()
PUQ562DC	Amount in social security disability payments already included *Values:* *Universe:* *Internal Notes:*	()
PUQ562DP	Social security disability insurance payment received monthly, quarterly, or yearly *Values:* *Universe:* *Internal Notes:*	()
PUQ562drn1	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ562drn2	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ562DT	Total amount of SS, after verification *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
PUQ562md	*Values:* *Universe:* *Internal Notes:*	(-3:999)
PUQ56D	how much received in ss paymts *Values:* *Universe:* *Internal Notes:*	()
PUQ56D1	amount SS received last month *Values:* *Universe:* *Internal Notes:*	()
PUQ56D2	number of months/quarters SS rec'd *Values:* *Universe:* *Internal Notes:*	()
PUQ56D3	amount SS before/after Med deduction *Values:* *Universe:* *Internal Notes:*	()
PUQ56D4	cost of living increase only change, y/n *Values:* *Universe:* *Internal Notes:*	()
PUQ56D5	SS amount correct, y/n *Values:* *Universe:* *Internal Notes:*	()
PUQ56D6	SS amount, best estimate *Values:* *Universe:* *Internal Notes:*	()
PUQ56DC	amount already included in previous person's amount *Values:* *Universe:* *Internal Notes:*	()
PUQ56DP	SS income periodicity, monthly, quarterly, or yearly *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
PUQ56drn1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ56DRN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ56DT	SS amount, out variable	()
	Values: *Universe:* *Internal Notes:*	
PUQ56I	ss already included	()
	Values: *Universe:* *Internal Notes:*	
PUQ56I2		()
	Values: *Universe:* *Internal Notes:*	
PUQ56I4		()
	Values: *Universe:* *Internal Notes:*	
PUQ56I5		()
	Values: *Universe:* *Internal Notes:*	
PUQ56ICHAR	Amount in social security payments already included	()
	Values: *Universe:* *Internal Notes:*	
PUQ56IP		()
	Values: *Universe:* *Internal Notes:*	
PUQ56irn1		(-3:3)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ56IRN2		(-3:3)
	Values:	
	Universe:	
	Internal Notes:	
PUQ56IT	ss already included	()
	Values:	
	Universe:	
	Internal Notes:	
PUQ56md		(-3:999)
	Values:	
	Universe:	
	Internal Notes:	
PUQ56r		(1:2)
	Values:	
	Universe:	
	Internal Notes:	
PUQ57C		()
	Values:	
	Universe:	
	Internal Notes:	
PUQ57C2		()
	Values:	
	Universe:	
	Internal Notes:	
PUQ57C4		()
	Values:	
	Universe:	
	Internal Notes:	
PUQ57C5		()
	Values:	
	Universe:	
	Internal Notes:	
PUQ57CP		()
	Values:	
	Universe:	
	Internal Notes:	
PUQ57CRN1		(-3:3)
	Values:	
	Universe:	
	Internal Notes:	

Variable	Description	Range
PUQ57CRN2	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ57CT	how much receive in supp. Sec. inc *Values:* *Universe:* *Internal Notes:*	()
PUQ57I	*Values:* *Universe:* *Internal Notes:*	()
PUQ57I2	*Values:* *Universe:* *Internal Notes:*	()
PUQ57I4	*Values:* *Universe:* *Internal Notes:*	()
PUQ57I5	*Values:* *Universe:* *Internal Notes:*	()
PUQ57IP	*Values:* *Universe:* *Internal Notes:*	()
PUQ57IRN1	Supplemental Security Amount Range High *Values:* *Universe:* *Internal Notes:*	()
PUQ57irn1c	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ57IRN2	Range for Supplemental Securtity, Low *Values:* *Universe:* *Internal Notes:*	()

Variable		Description	Range
PUQ57irn2c			(-3:3)
		Values: *Universe:* *Internal Notes:*	
PUQ57IT		how much receive in supp. Sec. inc	()
		Values: *Universe:* *Internal Notes:*	
PUQ57r			(1:2)
		Values: *Universe:* *Internal Notes:*	
PUQ58C	(11)		()
		Values: *Universe:* *Internal Notes:*	
PUQ58CS1			()
		Values: *Universe:* *Internal Notes:*	
PUQ58E1			()
		Values: *Universe:* *Internal Notes:*	
PUQ58E12			()
		Values: *Universe:* *Internal Notes:*	
PUQ58E13			()
		Values: *Universe:* *Internal Notes:*	
PUQ58E14			()
		Values: *Universe:* *Internal Notes:*	
PUQ58E1P			()
		Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ58E1RN1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ58E1RN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ58E1T	how much,received in sur source type	()
	Values: *Universe:* *Internal Notes:*	
PUQ58E2		()
	Values: *Universe:* *Internal Notes:*	
PUQ58E22		()
	Values: *Universe:* *Internal Notes:*	
PUQ58E23		()
	Values: *Universe:* *Internal Notes:*	
PUQ58E24		()
	Values: *Universe:* *Internal Notes:*	
PUQ58E2P		()
	Values: *Universe:* *Internal Notes:*	
PUQ58E2RN1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ58E2RN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ58E2T	how much,received in sur source type *Values:* *Universe:* *Internal Notes:*	()
PUQ58E3	*Values:* *Universe:* *Internal Notes:*	()
PUQ58E32	*Values:* *Universe:* *Internal Notes:*	()
PUQ58E33	*Values:* *Universe:* *Internal Notes:*	()
PUQ58E34	*Values:* *Universe:* *Internal Notes:*	()
PUQ58E3P	*Values:* *Universe:* *Internal Notes:*	()
PUQ58E3RN1	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ58E3RN2	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ58E3T	how much,received in sur source type *Values:* *Universe:* *Internal Notes:*	()

Variable		Description	Range
PUQ59C8	(4)	PUQ59C84 was added on 04/17/01 From what type of program did (name/you) receive CASH assistance? Was it (new state program name), General Assistance, Emergency Assistance, or some other program? 0 = Niu 1 = (state Program name)/welfare/AFDC 2 = General Assistance/Emergency Assistance 3 = Emergency Assistance/short-term cash assistance 4 = Some other program (Specify). *Values:* *Universe:* *Internal Notes:*	(-5:4)
PUQ59C8r	(7)	*Values:* *Universe:* *Internal Notes:*	(-1:7)
PUQ59C8S		*Values:* *Universe:* *Internal Notes:*	()
PUQ59E		*Values:* *Universe:* *Internal Notes:*	()
PUQ59E2		*Values:* *Universe:* *Internal Notes:*	()
PUQ59E3		*Values:* *Universe:* *Internal Notes:*	()
PUQ59E4		*Values:* *Universe:* *Internal Notes:*	()
PUQ59EP		*Values:* *Universe:* *Internal Notes:*	()
PUQ59ERN1		*Values:* *Universe:* *Internal Notes:*	(-3:3)

Variable		Description	Range
PUQ59ern2			(-3:3)
		Values: *Universe:* *Internal Notes:*	
PUQ59ET		how much,receive in pub.asst./welfare	()
		Values: *Universe:* *Internal Notes:*	
PUQ59F		Was the cash assistance for adults AND children, or JUST children? 1 = Both adults AND children 2 = Children only 3 = Adults only	(-3:3)
		Values: *Universe:* *Internal Notes:*	
PUQ59G	(16)	(Who/Which children) in your household was the cash assistance for? -5 = none -3 = refused -2 = don't know 0-16 = line number(s) of person(s)	(-5:16)
		Values: *Universe:* *Internal Notes:*	
PUQ60C8	(5)		()
		Values: *Universe:* *Internal Notes:*	
PUQ60D88			()
		Values: *Universe:* *Internal Notes:*	
PUQ60E8O			()
		Values: *Universe:* *Internal Notes:*	
PUQ60V1			()
		Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ60V12	*Values:* *Universe:* *Internal Notes:*	()
PUQ60V13	*Values:* *Universe:* *Internal Notes:*	()
PUQ60V14	*Values:* *Universe:* *Internal Notes:*	()
PUQ60V1P	*Values:* *Universe:* *Internal Notes:*	()
PUQ60V1RN1	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ60V1RN2	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ60V1T	how much, receive vet.admin *Values:* *Universe:* *Internal Notes:*	()
PUQ60V2	*Values:* *Universe:* *Internal Notes:*	()
PUQ60V22	*Values:* *Universe:* *Internal Notes:*	()
PUQ60V23	*Values:* *Universe:* *Internal Notes:*	()

Variable		Description	Range
PUQ60V24			()
		Values: *Universe:* *Internal Notes:*	
PUQ60V2P			()
		Values: *Universe:* *Internal Notes:*	
PUQ60V2RN1			(-3:3)
		Values: *Universe:* *Internal Notes:*	
PUQ60V2RN2			(-3:3)
		Values: *Universe:* *Internal Notes:*	
PUQ60V2T		how much, receive vet.admin	()
		Values: *Universe:* *Internal Notes:*	
PUQ61B			()
		Values: *Universe:* *Internal Notes:*	
PUQ61C	(11)		()
		Values: *Universe:* *Internal Notes:*	
PUQ61CS1			()
		Values: *Universe:* *Internal Notes:*	
PUQ61E1			()
		Values: *Universe:* *Internal Notes:*	
PUQ61E12			()
		Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ61E13		()
	Values: *Universe:* *Internal Notes:*	
PUQ61E14		()
	Values: *Universe:* *Internal Notes:*	
PUQ61E1P		()
	Values: *Universe:* *Internal Notes:*	
PUQ61E1RN1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ61E1RN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ61E1T	how much receive from dis source	()
	Values: *Universe:* *Internal Notes:*	
PUQ61E2		()
	Values: *Universe:* *Internal Notes:*	
PUQ61E22		()
	Values: *Universe:* *Internal Notes:*	
PUQ61E23		()
	Values: *Universe:* *Internal Notes:*	
PUQ61E24		()
	Values: *Universe:* *Internal Notes:*	

Variable		Description	Range
PUQ61E2P			()
		Values: *Universe:* *Internal Notes:*	
PUQ61E2RN1			(-3:3)
		Values: *Universe:* *Internal Notes:*	
PUQ61E2RN2			(-3:3)
		Values: *Universe:* *Internal Notes:*	
PUQ61E2T		how much receive from dis source	()
		Values: *Universe:* *Internal Notes:*	
PUQ62cr	(8)		(-3:9)
		Values: *Universe:* *Internal Notes:*	
PUQ62CS1			()
		Values: *Universe:* *Internal Notes:*	
PUQ62DR	(2)	Other pension source - U.S. ret/other	(1:2)
		Values: *Universe:* *Internal Notes:*	
PUQ62E12R			(-3:52)
		Values: *Universe:* *Internal Notes:*	
PUQ62E13R			(-3:2)
		Values: *Universe:* *Internal Notes:*	
PUQ62E14R			(-3:9999999)
		Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ62E1PR		(-3:7)
	Values: *Universe:* *Internal Notes:*	
PUQ62E1R		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ62E1RN1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ62E1RN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ62E1Tr		(-3:99999999)
	Values: *Universe:* *Internal Notes:*	
PUQ62E22R		(-3:52)
	Values: *Universe:* *Internal Notes:*	
PUQ62E23R		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ62E24R		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ62E2PR		(-3:7)
	Values: *Universe:* *Internal Notes:*	
PUQ62E2R		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ62E2rn1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ62E2RN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ62E2Tr		(-3:99999999)
	Values: *Universe:* *Internal Notes:*	
PUQ62E3T	how much,receive from ret.inc	()
	Values: *Universe:* *Internal Notes:*	
PUQ63C	Interest Income Amount	()
	Values: *Universe:* *Internal Notes:*	
PUQ63C1	Amount earned in interest from checking	()
	Values: *Universe:* *Internal Notes:*	
PUQ63c1a		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63c1b		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63c1c		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63C2r		(-3:52)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ63C3r		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ63C4r		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63CC		()
	Values: *Universe:* *Internal Notes:*	
PUQ63CPr		(-3:7)
	Values: *Universe:* *Internal Notes:*	
PUQ63CTr		(0:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63d1		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63d1a		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63d1b	range, savings, high	(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63d1c	range, savings, low	(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63D2		(-3:52)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ63D3		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ63D4		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63DC	Savings, already included	()
	Values: *Universe:* *Internal Notes:*	
PUQ63DP		(-3:7)
	Values: *Universe:* *Internal Notes:*	
PUQ63DT		()
	Values: *Universe:* *Internal Notes:*	
PUQ63e1		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63e1a		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63e1b		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63e1c		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63E2		(-3:52)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ63E3		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ63E4		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63EC		()
	Values: *Universe:* *Internal Notes:*	
PUQ63EP		(-3:7)
	Values: *Universe:* *Internal Notes:*	
PUQ63ET		()
	Values: *Universe:* *Internal Notes:*	
PUQ63f1		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63f1a		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63f1b		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63f1c		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63F2		(-3:52)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ63F3		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ63F4		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63FC		()
	Values: *Universe:* *Internal Notes:*	
PUQ63FP		(-3:7)
	Values: *Universe:* *Internal Notes:*	
PUQ63FT		()
	Values: *Universe:* *Internal Notes:*	
PUQ63g1		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63g1a		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63g1b		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63g1c		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63G2		(-3:52)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ63G3		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ63G4		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63GC		()
	Values: *Universe:* *Internal Notes:*	
PUQ63GP		(-3:7)
	Values: *Universe:* *Internal Notes:*	
PUQ63GT		()
	Values: *Universe:* *Internal Notes:*	
PUQ63h1		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63h1a		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63h1b		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63h1c		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63H2		(-3:52)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ63H3		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ63H4		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63HC		()
	Values: *Universe:* *Internal Notes:*	
PUQ63HP		(-3:7)
	Values: *Universe:* *Internal Notes:*	
PUQ63HT		()
	Values: *Universe:* *Internal Notes:*	
PUQ63i1		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63i1a		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63i1b		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63i1c		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ63I2		(-3:52)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ63I3		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ63I4		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ63IC		()
	Values: *Universe:* *Internal Notes:*	
PUQ63IP		(-3:7)
	Values: *Universe:* *Internal Notes:*	
PUQ63IT		()
	Values: *Universe:* *Internal Notes:*	
PUQ65C	how much rec in inc after expenses	()
	Values: *Universe:* *Internal Notes:*	
PUQ65C2		()
	Values: *Universe:* *Internal Notes:*	
PUQ65C2L		()
	Values: *Universe:* *Internal Notes:*	
PUQ65CC		()
	Values: *Universe:* *Internal Notes:*	
PUQ65CL		()
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ65CLO	no rent received *Values:* *Universe:* *Internal Notes:*	()
PUQ65CP	 *Values:* *Universe:* *Internal Notes:*	()
PUQ65CRN1	 *Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ65CRN2	Property Amt Range Low *Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ65CT	property income received *Values:* *Universe:* *Internal Notes:*	()
PUQ66D1	Output variable for DK and RF in Q66d *Values:* *Universe:* *Internal Notes:*	()
PUQ66D2	 *Values:* *Universe:* *Internal Notes:*	()
PUQ66D3	 *Values:* *Universe:* *Internal Notes:*	()
PUQ66D4	 *Values:* *Universe:* *Internal Notes:*	()
PUQ66D5	 *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
PUQ66D6	*Values:* *Universe:* *Internal Notes:*	()
PUQ66H	*Values:* *Universe:* *Internal Notes:*	()
PUQ66H2	*Values:* *Universe:* *Internal Notes:*	()
PUQ66H3	*Values:* *Universe:* *Internal Notes:*	()
PUQ66H4	*Values:* *Universe:* *Internal Notes:*	()
PUQ66HP	*Values:* *Universe:* *Internal Notes:*	()
PUQ66HRN1	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ66HRN2	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUQ66HT	how much receive in other edu.asst *Values:* *Universe:* *Internal Notes:*	()
PUQ69F88	*Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
PUQ69FRN1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ69FRN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ70C		()
	Values: *Universe:* *Internal Notes:*	
PUQ70C1RN1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ70C1RN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ70C2		()
	Values: *Universe:* *Internal Notes:*	
PUQ70C3		()
	Values: *Universe:* *Internal Notes:*	
PUQ70C4		()
	Values: *Universe:* *Internal Notes:*	
PUQ70CP		()
	Values: *Universe:* *Internal Notes:*	
PUQ70CT	how much receive in chld suppt pymts	()
	Values: *Universe:* *Internal Notes:*	

Variable		Description	Range
PUQ72C			()
		Values: *Universe:* *Internal Notes:*	
PUQ72C2			()
		Values: *Universe:* *Internal Notes:*	
PUQ72C3			()
		Values: *Universe:* *Internal Notes:*	
PUQ72C4			()
		Values: *Universe:* *Internal Notes:*	
PUQ72CP			()
		Values: *Universe:* *Internal Notes:*	
PUQ72CRN1			(-3:3)
		Values: *Universe:* *Internal Notes:*	
PUQ72CRN2			(-3:3)
		Values: *Universe:* *Internal Notes:*	
PUQ72CT		how much receive in fin asst	()
		Values: *Universe:* *Internal Notes:*	
PUQ73	(2)	'how much receive in other income'	()
		Values: *Universe:* *Internal Notes:*	
PUQ7312r			(-3:52)
		Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ7313r		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ7314r		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ731Pr		(-3:7)
	Values: *Universe:* *Internal Notes:*	
PUQ731r		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUQ731Tr		(-3:99999999)
	Values: *Universe:* *Internal Notes:*	
PUQ73A1RC	other income source	()
	Values: *Universe:* *Internal Notes:*	
puq73a1rc1	Other Income: Alaska Permanent Fund or Other *Values:* 1 = Alaska Permament Fund Dividend 2 = Other *Universe:* PUQ73A1 = 1 *Internal Notes:*	(-3:2)
PUQ73RN1		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ73RN2		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUQ74A		()
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ74B		()
	Values: *Universe:* *Internal Notes:*	
PUQ97C1		(-3:1)
	Values: *Universe:* *Internal Notes:*	
PUQ97C2		(-3:1)
	Values: *Universe:* *Internal Notes:*	
PUQ97C3		(-3:1)
	Values: *Universe:* *Internal Notes:*	
PUQ97C4		(-3:1)
	Values: *Universe:* *Internal Notes:*	
PUQ97C5		(-3:1)
	Values: *Universe:* *Internal Notes:*	
PUQ97C6		(-3:1)
	Values: *Universe:* *Internal Notes:*	
PUQ97C7		(-3:1)
	Values: *Universe:* *Internal Notes:*	
PUQ97C8		(-3:1)
	Values: *Universe:* *Internal Notes:*	
PUQ97DR		(-3:2)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUQ98AR1		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ98AR2		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ98AR3		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ98AR4		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ98AR5		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ98AR6		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ98AR7		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUQ99BR		()
	Values: *Universe:* *Internal Notes:*	

Variable	***Description***	***Range***
PURACEOT	What is your/his/her race? (1) Aleut (2) African American (3) African Nation, Ethnic Group or Tribe (4) American (5) American Indian or Alaska Native (6) Anglo-Saxon (7) Arab (8) Asian (9) Asian Indian (10) Black (11) Brazilian (12) Caucasian (13) Chicano (14) Chinese (15) Creole (16) Cuban or Cuban-American (17) Eskimo (18) European (19) Filipino (20) German (21) Guamanian or Chamorro (22) Hispanic (23) Jamaican (24) Japanese (25) Korean (26) Latin American (27) Latino (28) Mexican or Mexican-American (29) Mixed or multi-racial (30) Native American (31) Native Hawaiian or Other Pacific Islander (32) Negro (33) Puerto Rican (34) Samoan (35) Scotch-Irish (36) Spanish (37) Vietnamese (38) West Indian (39) White (40) No race given (41) Other *Values:* *Universe:* *Internal Notes:*	(-4:41)
PURETNEW1	*Values:* *Universe:* *Internal Notes:*	(-3:9999999)
PURETNEW2	*Values:* *Universe:* *Internal Notes:*	(-3:9999999)
PURETNEW3	*Values:* *Universe:* *Internal Notes:*	(-3:9999999)

Variable	Description	Range
PURETNEW4		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PURETNEWRN		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PURETNEWRN		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PURETNEWRN		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PURETNEWRN		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PURETNEWT1		(-3:99999999)
	Values: *Universe:* *Internal Notes:*	
PURETNEWT2	output for int/div earned from ret, 2nd source	(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUROLLA	ret acc roll over	(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUROLLAMTA	ret acc roll over Amt	(-3:9999999)
	Values: *Universe:* *Internal Notes:*	
PUROLLAMTB		(-3:9999999)
	Values: *Universe:* *Internal Notes:*	

Variable		Description	Range
PUROLLAMTC			(-3:9999999)
		Values: *Universe:* *Internal Notes:*	
PUROLLAMTD			(-3:9999999)
		Values: *Universe:* *Internal Notes:*	
PUROLLB			(-3:2)
		Values: *Universe:* *Internal Notes:*	
PUROLLC			(-3:2)
		Values: *Universe:* *Internal Notes:*	
PUROLLD			(-3:2)
		Values: *Universe:* *Internal Notes:*	
PURRP		How are you related to (reference person)? (PREVIOUS ENTRY WAS: [fill temp3]) *Values:* -3 = Refused -2 = Don't know -1 = Not in unverse/missing Other values = see PERRP *Universe:* *Internal Notes:*	(-3:59)
PURRPINS		Relationship output variable; This variable holds the original values of variable PURRP2. *Values:* *Universe:* *Internal Notes:*	(18:99)
PURSSI	(3)	What were the reasons (Child's name/the children) (was/were) getting Supplemental Security Income on behalf of children last year? 0 = niu 1 = on behalf of a disabled child/children 2 = on behalf of a blind child/children 3 = other *Values:* *Universe:* *Internal Notes:*	(-5:3)

Variable	Description	Range
PUSAMEMNTH	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUSAMEMNTH	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUSAMEMNTH	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUSAMEMNTH	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUSAMEMNTH	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUSAMEMNTH	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUSAMEMNTH	*Values:* *Universe:* *Internal Notes:*	(-3:2)
pusex	unedited sex *Values:* *Universe:* *Internal Notes:*	()
PUSHOP_FP1	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUSHOP_FP2	*Values:* *Universe:* *Internal Notes:*	(-3:2)

Variable	Description	Range
PUSHOP_FP3		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUSHOP_LC1		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUSHOP_LP1		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUSHOP_LP2		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUSHOP_LP3		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUSPELLADD_		(-3:2)
	Values: *Universe:* *Internal Notes:*	
PUSPOUSE	Spouse record pointer	(0:16)
	Values: *Universe:* *Internal Notes:*	
PUSRCEDEPDI		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUSRCEDEPDI		(-3:3)
	Values: *Universe:* *Internal Notes:*	
PUSRCEDEPDI		(-3:3)
	Values: *Universe:* *Internal Notes:*	

Variable	Description	Range
PUSRCEDEPDI	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEDEPDI	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEDEPDI	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEDEPDI	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEGEN_F	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEGEN_F	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEGEN_F	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEGEN_L	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEGEN_L	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEGEN_L	*Values:* *Universe:* *Internal Notes:*	(-3:3)

Variable	Description	Range
PUSRCEGEN_L	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEOTH_F	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUSRCEOTH_F	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUSRCEOTH_F	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUSRCEOTH_L	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUSRCEOTH_L	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUSRCEOTH_L	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUSRCEOTH_L	*Values:* *Universe:* *Internal Notes:*	(-3:6)
PUSRCEPTSP_	*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEPTSP_	*Values:* *Universe:* *Internal Notes:*	(-3:3)

Variable		Description	Range
PUSRCEPTSP_		*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEPTSP_		*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEPTSP_		*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEPTSP_		*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSRCEPTSP_		*Values:* *Universe:* *Internal Notes:*	(-3:3)
PUSSC	(16)	Which children under age 15 were receiving Social Security last year? -3 = refused -2 = don't know 0-16 = line number of children under age 15 receiving Social Security Income last year *Values:* *Universe:* *Internal Notes:*	(-5:16)
PUSSCR	(4)	What were the reasons (Child's name/the children) (was/were) getting Social Security last year? 0 = niu 1 = disabled child/children 2 = surviving child/children 3 = dependent child/children 4 = other *Values:* *Universe:* *Internal Notes:*	(-5:4)

Variable		***Description***	***Range***
PUSSIR	(5)	What were the reasons (name/you)(was/were) getting Supplemental Security Income last year? 0 = niu 1 = disabled 2 = blind 3 = on behalf of a disabled child 4 = on behalf of a blind child 5 = other *Values:* *Universe:* *Internal Notes:*	(-5:5)
PUSSR	(8)	What were the reasons (name/you) (was/were) getting Social Security last year? 0 = niu 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 *Values:* *Universe:* *Internal Notes:*	(-5:8)
PUSSRS1		Other eason for social security *Values:* *Universe:* *Internal Notes:*	()
PUTRICPH		*Values:* *Universe:* *Internal Notes:*	(-2:2)
PUVERIFY		*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUVET		*Values:* *Universe:* *Internal Notes:*	(-3:2)
PUWMNTHS_F	(16)	*Values:* *Universe:* *Internal Notes:*	(-3:16)

Variable	Description	Range
PUWMNTHS_F 17	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUWMNTHS_F 17	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUWMNTHS_LP 17	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUWMNTHS_LP 17	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUWMNTHS_LP 17	*Values:* *Universe:* *Internal Notes:*	(-3:21)
PUWNELIG (16)	*Values:* *Universe:* *Internal Notes:*	(-3:16)
PUWNELIGSPE	*Values:* *Universe:* *Internal Notes:*	()
PUWNTAKE (16)	*Values:* *Universe:* *Internal Notes:*	(-3:16)
PUWNTAKESP	*Values:* *Universe:* *Internal Notes:*	()
PUYEARBEG1_	*Values:* *Universe:* *Internal Notes:*	(-3:2)

Variable	Description	Range
PUYEARBEG2_	*Values:* *Universe:* *Internal Notes:*	(-3:2)
PVPAR1	Instrument Parent 1 Lineno *Values:* 1-16=Parent's line number *Universe:* *Internal Notes:*	(0:16)
PVPAR1TYP	Insturment Parent 1 Type *Values:* -1 = No Parent 1 present 1 = Biological 2 = Step 3 = Adopted *Universe:* *Internal Notes:*	(-3:3)
PVPAR2	Instrument Parent 1 Lineno *Values:* 0-16=Paren'ts line number *Universe:* *Internal Notes:*	(0:16)
PVPAR2TYP	Insturment Parent 2 Type *Values:* -1 = No Parent 2 present 1 = Biological 2 = Step 3 = Adopted *Universe:* *Internal Notes:*	(-3:3)
PWCSNFAC	Factor for the National coverage step (6 implied decimals). *Values:* *Universe:* *Internal Notes:*	(00000000:99999999)
PWCSNWGT	Weight after National coverage step (4 implied decimals). *Values:* *Universe:* *Internal Notes:*	(00000000:999999999)
PWCSSFAC	Factor for the State coverage step (6 implied decimals). *Values:* *Universe:* *Internal Notes:*	(00000000:99999999)

Variable	***Description***	***Range***
PWCSSWGT	Weight after the State coverage step (4 implied decimal). *Values:* *Universe:* *Internal Notes:*	(00000000:999999999)
PWORWGT	OUTGOING ROTATION WEIGHT (Length = 9 with 4 implied decimals) *Values:* *Universe:* *Internal Notes:*	(-4:9999999999)
PWSSFAC	Factor for the Second Stage Weight (6 implied decimals). *Values:* *Universe:* *Internal Notes:*	(00000000:99999999)
PWSSWGT	SECOND STAGE WEIGHT (Length = 9 with 4 implied decimals) *Values:* *Universe:* *Internal Notes:*	(-4:999999999)
PWVETWGT	*Values:* *Universe:* *Internal Notes:*	()
PXABSPDO	*Values:* *Universe:* *Internal Notes:*	(-4:53)
PXABSRSN	*Values:* *Universe:* *Internal Notes:*	(-4:53)

Variable	Description	Range
PXAFEVER	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 *Internal Notes:*	(0:53)
PXAFNOW	*Values:* *Universe:* *Internal Notes:*	(-1:53)
PXAFWHN1	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 *Internal Notes:*	(-1:53)

Variable	Description	Range
PXAGE		(-4:53)
	Values: *Universe:* *Internal Notes:*	
PXCERT1	Allocation flag for PECERT1	(0:53)
	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 *Internal Notes:*	
PXCERT2	Allocation flag for PECERT2	(0:53)
	Values: values are the same as PXCERT1 *Universe:* All Persons *Internal Notes:*	
PXCERT3	Allocation flag for PECERT3	(0:53)
	Values: values are the same as PXCERT1 *Universe:* All Persons *Internal Notes:*	

Variable	Description	Range
PXCOHAB	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 *Internal Notes:*	(-1:53)
PXCYC	*Values:* *Universe:* *Internal Notes:*	(-1:53)
PXDIPGED	*Values:* *Universe:* *Internal Notes:*	(-1:53)
PXDISDRS	Allocation Flag *Values:* Values same as PXDISEAR *Universe:* All Persons *Internal Notes:*	(-1:53)

Variable	Description	Range
PXDISEAR	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 *Internal Notes:*	(-1:53)
PXDISEYE	Allocation Flag *Values:* Values same as PXDISEAR *Universe:* All Persons *Internal Notes:*	(-1:53)
PXDISOUT	Allocation Flag *Values:* Values same as PXDISEAR *Universe:* All Persons *Internal Notes:*	(-1:53)
PXDISPHY	Allocation Flag *Values:* Values same as PXDISEAR *Universe:* All Persons *Internal Notes:*	(-1:53)
PXDISREM	Allocation Flag *Values:* Values same as PXDISEAR *Universe:* All Persons *Internal Notes:*	(-1:53)
PXEDUCA	*Values:* *Universe:* *Internal Notes:*	(-4:53)
PXERNCOV	*Values:* *Universe:* *Internal Notes:*	(-4:53)

Variable	Description	Range
PXERNHRY		(-4:53)
	Values: *Universe:* *Internal Notes:*	
PXERNLAB		(-4:53)
	Values: *Universe:* *Internal Notes:*	
PXFNTVTY	Allocation flag for PEFNTVTY	(-1:53)
	Values: Same as PXNATVTY *Universe:* All Persons *Internal Notes:* -1=Not allocated on internal file	
PXHGCOMP		(-1:53)
	Values: *Universe:* *Internal Notes:*	
PXHRACTT		(-4:53)
	Values: *Universe:* *Internal Notes:*	
PXHRUSL1		(-4:53)
	Values: *Universe:* *Internal Notes:*	
PXHSPNON	Allocation flag for PEHSPNON	(0:53)
	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 *Internal Notes:*	

Variable	***Description***	***Range***
PXINUSYR	Allocation flag for PEINUSYR *Values:* Same as PXNATVTY *Universe:* All Persons *Internal Notes:* -1=NIU on internal file	(-1:53)
PXIO1COW	*Values:* *Universe:* *Internal Notes:*	(-4:53)
PXIO1ICD	*Values:* *Universe:* *Internal Notes:*	(-4:53)
PXIO1OCD	*Values:* *Universe:* *Internal Notes:*	(-4:53)
PXLAYDUR	*Values:* *Universe:* *Internal Notes:*	(-4:53)
PXLKDUR	*Values:* *Universe:* *Internal Notes:*	(-4:53)
PXMARITL	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+ *Internal Notes:*	(-4:53)

Variable	Description	Range
PXMLR	*Values:* *Universe:* *Internal Notes:*	(-4:53)
PXMNTVTY	Allocation flag for PEMNTVTY *Values:* Same as PXNATVTY *Universe:* All Persons *Internal Notes:* -1=Not allocated on internal file	(-1:53)
PXNATVTY	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 *Internal Notes:* -1=Not allocated on internal file	(-1:53)
PXNLFJH	*Values:* *Universe:* *Internal Notes:*	(-4:53)
PXORISPN	*Values:* *Universe:* *Internal Notes:*	(-1:43)

Variable	***Description***	***Range***
PXPAR1	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 *Internal Notes:*	(-1:53)
PXPAR1TYP	Allocation flag for PEPAR1TYP *Values:* Same as PXPAR1 *Universe:* All Persons *Internal Notes:*	(-1:53)
PXPAR2	Allocation flag for PEPAR2 *Values:* Same as PXPAR1 *Universe:* All Persons *Internal Notes:*	(-1:53)
PXPAR2TYP	Allocation flag for PEPAR2TYP *Values:* Same as PXPAR1 *Universe:* All Persons *Internal Notes:*	(-1:53)

Variable	Description	Range
PXRACE1	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 *Internal Notes:*	(0:53)
PXRRP	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 *Internal Notes:*	(-4:53)
PXSCHENR	*Values:* *Universe:* *Internal Notes:*	(-4:53)

Variable	Description	Range
PXSCHFT		(-4:53)
	Values: *Universe:* *Internal Notes:*	
PXSCHLVL		(-4:53)
	Values: *Universe:* *Internal Notes:*	
PXSEX		(-4:53)
	Values: *Universe:* *Internal Notes:*	
PXSPOUSE	Allocation flag for PESPOUSE	(-4:53)
	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 *Internal Notes:*	
PYRSN	What was the main reason ... was not working or looking for work in the remaining weeks of 20..?	(0:6)
	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 *Internal Notes:*	

Variable	Description	Range
QSTNUM	qstnum from the basic ASEC sas dataset (questionnaire #) This is unique for every hhld and each person from the same hhld will have a matching number in hhld field qstnum *Values:* *Universe:* *Internal Notes:*	(1:299999)
RAC_HISP	RACE AND HISPANIC ORIGIN RECODE 1 = WHITE NOT HISPANIC 2 = WHITE HISPANIC 3 = BLACK NOT HISPANIC 4 = BLACK HISPANIC 5 = OTHER NOT HISPANIC 6 = OTHER HISPANIC *Values:* *Universe:* *Internal Notes:*	(1:6)
RACE_A	Race: asian 0 = No 1 = Yes *Values:* *Universe:* *Internal Notes:*	(0:1)
RACE_AI	Race: american indian 0 = No 1 = Yes *Values:* *Universe:* *Internal Notes:*	(0:1)
RACE_B	Race: black 0 = No 1 = Yes *Values:* *Universe:* *Internal Notes:*	(0:1)
RACE_PI	Race: pacific islander 0 = No 1 = Yes *Values:* *Universe:* *Internal Notes:*	(0:1)
RACE_W	Race: white 0 = No 1 = Yes *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
RESNSS1	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 *Internal Notes:*	(0:8)
RESNSS2	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 *Internal Notes:*	(0:8)
RESNSSA	Allocation flag for RESNSS1-2 *Values:* See I_ANNVAL for allocation flag values *Universe:* RESNSS1 or RESNSS2 > 0 *Internal Notes:*	(0:9)
RESNSSI1	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 *Internal Notes:*	(0:5)
RESNSSI2	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 *Internal Notes:*	(0:5)
RESNSSIA	Allocation flag for RESNSSI1-2 *Values:* See I_ANNVAL for allocation flag values *Universe:* RESNSSI > 0 *Internal Notes:*	(0:9)

Variable	Description	Range
RETCB_VAL	Retirement contributiion, amount *Values:* 0 = none or niu; 1-99999 = amount contributed *Universe:* RETCB_YN = 1 *Internal Notes:*	(0:99999)
RETCB_YN	Retirement contribution, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* All people 15 years and over *Internal Notes:*	(0:2)
RINT_SC1	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 *Internal Notes:*	(0:7)
RINT_SC2	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 *Internal Notes:*	(0:7)
RINT_VAL1	Interest income amt, retirement source 1 *Values:* 0 = none or niu; 1-999999 = ret interest income *Universe:* RINT_SC1 > 0 *Internal Notes:*	(0:999999)
RINT_VAL2	Interest income amt, retirement source 2 *Values:* 0 = none or niu; 1-999999 = ret interest income *Universe:* RINT_SC2 > 0 *Internal Notes:*	(0:999999)
RINT_YN	Interest income - retirement, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)

Variable	Description	Range
RNT_VAL	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 *Internal Notes:*	(-9999:999999)
RNT_YN	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+ *Internal Notes:*	(0:2)
RSNNOTW	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 *Internal Notes:*	(0:6)
SAVE_VAL	Interest income amt, savings acct *Values:* -1 = niu 0-999999 = dollar amount *Universe:* SAVE_YN = 1 *Internal Notes:*	(-1:999999)
SAVE_YN	Interest income, savings acct, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
SE_VAL	amount of own business self-employment earnings from secondary source *Values:* 0 = none or niu; -99999-999999 = own business self employment *Universe:* SEOTR = 1 *Internal Notes:*	(-99999:9999999)
SEMP_VAL	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 *Internal Notes:*	(-999999:9999999)
SEMP_YN	receiving own business self-employment, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* ERN_YN=1 or SEOTR=1 *Internal Notes:*	(0:2)

Variable	Description	Range
SEOTR	receiving own business self-employment earnings from secondary source, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* ERN_OTR = 1 *Internal Notes:*	(0:2)
SHOP	Coverage obtained through SHOP last year *Values:* 0= Niu 1= Yes 2= No *Universe:* OWNGRP = 1 *Internal Notes:*	(0:2)
SPM_ACTC	SPM units Additional Child Tax Credit *Values:* $0 to $99,999 *Universe:* All Persons *Internal Notes:*	(0:99999)
SPM_CapHouse	SPM unit's capped housing subsidy *Values:* $0 to $99,999 *Universe:* All Persons *Internal Notes:*	(00000:99999)
SPM_CapWkCC	SPM unit's capped work and child care expenses *Values:* $0 to $999,999 *Universe:* All Persons *Internal Notes:*	(0:999999)
SPM_ChildcareX	SPM unit's child care expenses-not capped *Values:* $0 to $999,999 *Universe:* All Persons *Internal Notes:*	(0:999999)
SPM_ChildSupP	SPM unit's child support paid *Values:* $0 to $99,999 *Universe:* All Persons *Internal Notes:*	(0:99999)
SPM_EIP	SPM Unit's Economic Impact Payments 1 and 2 *Values:* 0 - 99,999 = dollar amount *Universe:* All Persons *Internal Notes:*	(0:99999)
SPM_EITC	SPM unit's Federal Earned Income Tax Credit *Values:* $0 to $99,999 *Universe:* All Persons *Internal Notes:*	(0:999999)

Variable	Description	Range
SPM_EngVal	SPM unit's energy subsidy *Values:* $0 to $99,999 *Universe:* All Persons *Internal Notes:*	(0000:10000)
SPM_EquivScal	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 *Internal Notes:*	(0.0000:3.0000)
SPM_FamType	SPM unit's family type *Values:* 1 = Married couple family 2 = Cohabiting partner 3 = Male reference person 4 = Female reference person 5 = Unrelated individuals *Universe:* All Persons *Internal Notes:*	(1:5)
SPM_FedTax	SPM unit's Federal tax *Values:* -$999,999 to $9,999,999 *Universe:* All Persons *Internal Notes:*	(-999999:9999999)
SPM_FedTaxBC	SPM unit's Federal tax before refundable tax credits *Values:* $-999,999 to $9,999,999 *Universe:* All Persons *Internal Notes:*	(-999999:9999999)
SPM_FICA	SPM unit's Federal Insurance Contributions Act and federal retirement contribution *Values:* $0 to $99,999 *Universe:* All Persons *Internal Notes:*	(0:99999)
SPM_GeoAdj	SPM unit's geographic food, shelter, clothing and utility (FSCU) adjustment *Values:* 0 to 2 (with 4 decimals) *Universe:* All Persons *Internal Notes:*	(0.0000:2.0000)
SPM_Hage	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 *Internal Notes:*	(15:85)
SPM_Head	Indicator for head of SPM resource unit *Values:* 1 = Head of SPM unit 0 = Not head of SPM unit *Universe:* All Persons *Internal Notes:*	(0:1)

Variable	Description	Range
SPM_HHisp	Head of SPM unit is Hispanic *Values:* 1 = Hispanic 0 = Not Hispanic *Universe:* All Persons *Internal Notes:*	(0:1)
SPM_HMaritalSt	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 *Internal Notes:*	(1:7)
SPM_HRace	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 *Internal Notes:*	(1:4)
SPM_ID	SPM unit identification number *Values:* Unique identifier *Universe:* All Persons *Internal Notes:*	(0000000:99999999)
SPM_MedXpns	SPM unit's Medical Out-of-Pocket (MOOP) and Medicare Part B subsidy *Values:* $0 to $9,999,999 *Universe:* All Persons *Internal Notes:*	(0:9999999)
SPM_NumAdults	SPM unit's number of adults *Values:* 0 to 20 *Universe:* All Persons *Internal Notes:*	(0:20)
SPM_NumKids	SPM unit's number of children *Values:* 0 to 20 *Universe:* All Persons *Internal Notes:*	(0:20)
SPM_NumPer	SPM unit's number of persons *Values:* 0 to 20 *Universe:* All Persons *Internal Notes:*	(0:20)

Variable	Description	Range
SPM_Poor	SPM poverty status *Values:* 1 = In poverty 0 = Not in poverty *Universe:* All Persons *Internal Notes:*	(0:1)
SPM_PovThresh	SPM unit's SPM poverty threshold *Values:* $0 to $99,999 *Universe:* All Persons *Internal Notes:*	(00000:99999)
SPM_Resources	Total SPM resources for SPM unit *Values:* -$999,999 to $9,999,999 *Universe:* All Persons *Internal Notes:*	(-999999:9999999)
SPM_SchLunch	SPM unit's school lunch subsidy *Values:* $0 to $9,999 *Universe:* All Persons *Internal Notes:*	(0000:9999)
SPM_SNAPSub	SPM unit's Supplemental Nutrition Assistance Program (SNAP) subsidy *Values:* $0 to $99,999 *Universe:* All Persons *Internal Notes:*	(00000:99999)
SPM_StTax	SPM unit's state tax *Values:* -$9,999 to $999,999 *Universe:* All Persons *Internal Notes:*	(-9999:999999)
SPM_TenMortSt	SPM unit's tenure/mortgage status *Values:* 1 = Owner with Mortgage 2 = Owner without Mortgage or rent-free 3 = Renter *Universe:* All Persons *Internal Notes:*	(1:3)
SPM_Totval	SPM unit's cash income *Values:* -$999,999 to $9,999,999 *Universe:* All Persons *Internal Notes:*	(-999999:9999999)
SPM_wCohabit	SPM unit has cohabiting couple *Values:* 1 = Has cohabiting couple 0 = No cohabiting couple *Universe:* All Persons *Internal Notes:*	(0:1)

Variable	Description	Range
SPM_Weight	SPM unit's integer weight *Values:* *Universe:* All Persons *Internal Notes:*	(9999:9999999)
SPM_wFoster22	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 *Internal Notes:*	(0:1)
SPM_WICval	SPM unit's Women, Infants, and Children (WIC) subsidy *Values:* $0 to $9,999 *Universe:* All Persons *Internal Notes:*	(0000:9999)
SPM_WkXpns	SPM unit's work expenses-not capped *Values:* $0 to $99,999 *Universe:* All Persons *Internal Notes:*	(0:99999)
SPM_wNewHea	SPM unit has a new head of household *Values:* 1 = New head of household 0 = No new head of household *Universe:* All Persons *Internal Notes:*	(0:1)
SPM_wNewPare	SPM unit has a new parent *Values:* 1 = New parent 0 = No new parent *Universe:* All Persons *Internal Notes:*	(0:1)
SPM_wUI_LT15	SPM unit has an unrelated individual under 15 years old *Values:* 1 = Has UI under 15 0 = No UI under 15 *Universe:* All Persons *Internal Notes:*	(0:1)
SRVS_VAL	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 *Internal Notes:*	(0:999999)
SS_SC (2)	Source, Social Security *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 *Internal Notes:*	(0:8)

Variable	Description	Range
SS_TOT	Non-Disability Social Security amount *Values:* 0 = none or niu; 1-99999 = social security *Universe:* *Internal Notes:*	(00000:99999)
SS_VAL	How much did ... receive in social security payments during 20.. ? *Values:* 0 = none or niu; 1-99999 = social security *Universe:* SS_YN = 1 *Internal Notes:*	(0:99999)
SS_YN	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+ *Internal Notes:*	(0:2)
SSC_ALL	All children under age 15 were receiving Social Security last year *Values:* 0 = niu 1 = all *Universe:* *Internal Notes:*	(0:1)
SSD_TOT	Social Security Disability amount *Values:* 0 = none or niu 1-99999 = social security disability income *Universe:* *Internal Notes:*	(00000:99999)
SSI_SC1	SSI Source 1 *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 *Internal Notes:*	(0:5)
SSI_SC2	SSI Source 2 *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 *Internal Notes:*	(0:5)
SSI_TOT	SSI Amount (excluding ssi for children) *Values:* 0 = none or niu 1-99999 = supplemental security income *Universe:* SSI_YN = 1 *Internal Notes:*	(00000:99999)

Variable	Description	Range
SSI_VAL	How much did ... receive in supplemental security income during 20..? *Values:* 0 = none or niu 1-99999 = supplemental security income *Universe:* SSI_YN = 1 *Internal Notes:*	(0:99999)
SSI_YN	Did ... received ssi? *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
SSIK_SC	Source, SSI for kids *Values:* *Universe:* SSIK_YN = 1 *Internal Notes:*	(0:8)
SSIK_TOT	SSI for children, amt *Values:* 0 = none or niu 1-99999 = supplemental security income *Universe:* SSIK_YN = 1 *Internal Notes:*	(00000:99999)
SSIK_YN	SSI for kids, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* *Internal Notes:*	(0:2)
SSK_TOT	SS for Children, amt *Values:* 0 = none or niu 1-99999 = social security income *Universe:* SSK_YN = 1 *Internal Notes:*	(00000:99999)
SSK_YN	Social Security for kids, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* *Internal Notes:*	(0:2)
STATEEIC	State EIC tax variable, for the following states: Massachusetts, Kansas, Maryland, New York, Vermont, Wisconsin, Iowa, Oregon,and Rhode Island *Values:* 0=none; dollar amount *Universe:* Tax unit head or dependent filer *Internal Notes:*	(0:3999)
STATETAX_A	State income tax liability, after all credits *Values:* 0 = none; dollar amount *Universe:* Tax unit head or dependent filer *Internal Notes:*	(-999999:9999999)

Variable	Description	Range
STATETAX_B	State income tax liability, before credits *Values:* 0 = none; dollar amount *Universe:* Tax unit head or dependent filer *Internal Notes:*	(0:9999999)
STRKUC	At any time during 20.. did ... receive any union unemployment or strike benefits? *Values:* 0 = niu 1 = yes 2 = no *Universe:* UC_YN = 1 *Internal Notes:*	(0:2)
STRKUC_TOT	Strike unemployment benefits amount *Values:* 0 = none or niu 1-99999 = strike unemployment benefits *Universe:* STRKUC = 1 *Internal Notes:*	(0:99999)
STSCNDWT	State second weight (4 implied decimal places) all *Values:* *Universe:* *Internal Notes:*	(0000000:999999999)
SUBUC	At any time during 20.. did ... receive any supplemental unemployment benefits? *Values:* 0 = niu 1 = yes 2 = no *Universe:* UC_YN = 1 *Internal Notes:*	(0:2)
SUBUC_TOT	Supplemental unemployment benefits amount *Values:* 0 = none or niu 1-99999 = supplemental unemployment benefits *Universe:* SUBUC = 1 *Internal Notes:*	(0:99999)
SUR_SC1	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 *Internal Notes:*	(0:10)

Variable	Description	Range
SUR_SC2	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 *Internal Notes:*	(0:10)
SUR_VAL1	How much did ... receive (survivor source type) during 20.. ? *Values:* 0 = none or niu; 1-999,999 = survivor's income *Universe:* SUR_YN = 1 *Internal Notes:*	(00000:999999)
SUR_VAL2	How much did ... receive (source type) during 20.. ? *Values:* 0 = none or niu; 1-999,999 = survivor's income *Universe:* SUR_YN = 1 *Internal Notes:*	(00000:999999)
SUR_YN	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+ *Internal Notes:*	(0:2)
TAX_ID	Tax unit ID number *Values:* 0000000000-9999999999 = tax unit ID number *Universe:* All persons *Internal Notes:*	(000000000:9999999999)
TAX_INC	Taxable income amount *Values:* 0 = none; dollar amount *Universe:* Tax unit head or dependent filer *Internal Notes:*	(0:9999999)
TRDINT_VAL	Interest amount, exlcuding retirment account interest. *Values:* dollar value *Universe:* INT_YN = 1 *Internal Notes:*	(0:99999)

Variable	Description	Range
TRN_COV_NY	Transition to health insurance coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* COV = 1 *Internal Notes:*	(0:2)
TRN_COV_YN	Transition to no health insurance coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* COV = 1 *Internal Notes:*	(0:2)
TRN_PRIV_NY	Transition to private coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* PRIV = 1 *Internal Notes:*	(0:2)
TRN_PRIV_YN	Transition from private coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* PRIV = 1 *Internal Notes:*	(0:2)
TRN_PUB_NY	Transition to public coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* PUB = 1 *Internal Notes:*	(0:2)
TRN_PUB_YN	Transition from public coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* PUB = 1 *Internal Notes:*	(0:2)
U_COUNTY	4-digit county code -1 = n/a 0 = nc, niu 1-9999 = county code *Values:* *Universe:* *Internal Notes:*	(-1:9999)
U_FIPSMCD	FIPS MCD Code *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
U_FIPSPL	place code *Values:* *Universe:* *Internal Notes:*	()
U_INDUS	Unedited industry of longest job last year 2 in uljsame 0 = niu 1-9999 = industry code *Values:* *Universe:* *Internal Notes:*	(0:9999)
U_MCD	4-digit mcd code -1 = n/a 0 = nc, niu 1-9999 = mcd code *Values:* *Universe:* *Internal Notes:*	(-1:9999)
U_OCCUP	Unedited occupation of longest job last year 2 in uljsame 0 = niu 1-9999 = occupation code *Values:* *Universe:* *Internal Notes:*	(0:9999)
U_PLACE	4-digit place code -1 = n/a 0 = nc, niu 1-9999 = place code *Values:* *Universe:* *Internal Notes:*	(-1:9999)
U_STATE	state of previous residence (1 year ago). 4-digit state code -1 = n/a 0 = nc, niu 1-9999 = state code *Values:* *Universe:* *Internal Notes:*	(-1:9999)
UANN_VAL	Annuity income, total unedited 0 1 - 9,999,999 *Values:* *Universe:* *Internal Notes:*	(0:9999999)

Variable	Description	Range
UANN_YN	Annuity income received, anyone? *Values:* *Universe:* *Internal Notes:*	(0:2)
UBOND_AI	Savings bonds income, already included? 0 = NIU, no 1 = Yes *Values:* *Universe:* *Internal Notes:*	(0:1)
UBOND_VAL	Interest income amount, bonds *Values:* *Universe:* *Internal Notes:*	(-1:99999999)
UBOND_YN	Did … receive any interest from a savings bond account? *Values:* *Universe:* *Internal Notes:*	(0:2)
UBONDS	Savings bonds, amount *Values:* *Universe:* *Internal Notes:*	(0:9999999)
UBONDS_YN	Savings bonds, anyone? *Values:* *Universe:* *Internal Notes:*	(0:2)
UC_TOT	unemployment compensation total *Values:* 0 = none or niu 1-99999 = unemployment compensation *Universe:* UC_YN = 1 *Internal Notes:*	(0:99999)
UC_VAL	How much did ... receive in unemployment benefits during 20..? *Values:* 0 = none or niu 1-99999 = unemployment compensation *Universe:* UC_YN = 1 *Internal Notes:*	(0:99999)
UC_YN	Any type of unemployment compensation? (Combination of subuc, strkuc, and uctot_yn) *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)

Variable	Description	Range
UCAP_VAL	*Values:* *Universe:* *Internal Notes:*	(-1:99999999)
UCAP_YN	Capital gains dist., yes/no *Values:* *Universe:* *Internal Notes:*	(0:2)
UCD	CD account amount *Values:* *Universe:* *Internal Notes:*	(0:9999999)
UCD_AI	CDs retirement income, already included? 0 = NIU, no 1 = Yes *Values:* *Universe:* *Internal Notes:*	(0:1)
UCD_VAL	Interest income amount, Certificates of deposit accouint *Values:* *Universe:* *Internal Notes:*	(-1:99999999)
UCD_YN	CD Account, anyone? *Values:* *Universe:* *Internal Notes:*	(0:2)
UCHECK_AI	Checking account, already included? 0 = NIU, no 1 = Yes *Values:* *Universe:* *Internal Notes:*	(0:1)
UCHECK_VAL	interest income amount, checking account *Values:* *Universe:* *Internal Notes:*	(-1:99999999)
UCHECK_YN	Checking account, anyone? *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable	Description	Range
UCHECKING	checking amount *Values:* *Universe:* *Internal Notes:*	(0:9999999)
UCHELSEW_YN	Has child(ren) living elsewhere 0 - NIU 1 - yes 2 - no *Values:* *Universe:* *Internal Notes:*	(0:2)
UCHSP_VAL	Amount paid in child support -1 to -3 - NIU 0 - 99999 Dollar amount *Values:* *Universe:* *Internal Notes:*	(-3:99999)
UCHSP_YN	Required to pay child support? 0 to -3 - NIU 1 - Yes 2 - No *Values:* *Universe:* *Internal Notes:*	(-3:2)
UCSP_VAL	How much did ... receive in child support payments? 0 = nc,niu 1-2,000,000 = child support *Values:* *Universe:* *Internal Notes:*	(0:2000000)
UCSP_YN	Did ... receive child support payments? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UCTOT_YN	unemployment compensation, y/n *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable		***Description***	***Range***
UDIS_CS		Does ... have a service connected disability or has he/she left a job for health reasons? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UDIS_HP		Does ... have a health problem or a disability? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UDIS_T	(10)	What was ... source of disability income? 0 = nc,niu 1 = yes 2 = no (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) black lung miner's disability (9) state temporary sickness (10) other or don't know *Values:* *Universe:* *Internal Notes:*	(0:2)
UDIS_VL1		How much did ... receive from (source type) during 20.. ? *Values:* 0 = nc,niu 1-99,999,999 = disability income - 1st source *Universe:* *Internal Notes:*	(0:99999999)
UDIS_VL2		How much did ... receive from (source type) during 20.. ? *Values:* 0 = nc,niu 1-99,999,999 = disability income - 2nd source *Universe:* *Internal Notes:*	(0:99999999)

Variable	***Description***	***Range***
UDIS_YN	Other than social security did ... receive any income in 20.. as a result of health problems? 0 = nc, niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UDISSC1	1st disability income source code 0 = nc,niu ... 10 = ten *Values:* *Universe:* *Internal Notes:*	(0:10)
UDISSC2	2nd disability income source code 0 = nc,niu ... 10 = ten *Values:* *Universe:* *Internal Notes:*	(0:10)
UDISSC3	3rd disability income source code 0 = nc,niu ... 10 = ten *Values:* *Universe:* *Internal Notes:*	(0:10)
UDISSC4	4th disability income source code 0 = nc,niu ... 10 = ten *Values:* *Universe:* *Internal Notes:*	(0:10)
UDIV_VAL	How much did ... receive in dividends from stocks (mutual funds) during 20.. ? *Values:* *Universe:* *Internal Notes:*	(0:99999999)

Variable		Description	Range
UDIV_YN		Does ... own shares of stock in corporations or any mutual fund shares? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UDST_SC	(4)	Retirement income, distribution source *Values:* *Universe:* *Internal Notes:*	(0:7)
UDST_TY	(8)	Retirement income, distribution type 1 - 7 *Values:* *Universe:* *Internal Notes:*	(0:2)
UDST_VAL		 *Values:* *Universe:* *Internal Notes:*	(-1:99999999)
UDST_VAL1		Retirement income amount, distribution source 1 *Values:* *Universe:* *Internal Notes:*	(0:3000000)
UDST_VAL2		Retirement income amount, distribution source 2 *Values:* *Universe:* *Internal Notes:*	(0:3000000)
UDST_YN		Distritbutions received, yes/no *Values:* *Universe:* *Internal Notes:*	(0:2)
UED_TYP	(4)	What type of assistance did ... receive ? 0 = nc,niu 1 = yes 2 = no (1) pell grant or basic education opportunity grant (2) some other government assistance (3) scholarships, grants, etc. from the school (4) other assistance (employers friends, etc.) *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable	Description	Range
UED_YN	Did ... receive educational assistance for tuition, fees, books or living expenses during 20.. ? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UERN_ADL	does this amount include tips, bonuses, overtime pay or commissions ... may have received? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UERN_L	lost money 0 = nc,niu 1 = loss *Values:* *Universe:* *Internal Notes:*	(0:1)
UERN_OTR	did ... earn money from any other work during 20.. ? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UERN_VAL	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 = nc,niu 1-9,999,999 = wages & self-employment *Universe:* *Internal Notes:*	(0:9999999)
UFARMCK	old interviewer check item longest job is farmer 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable	Description	Range
UFIN_VAL	How much did ... receive in such financial assistance during 20.. ? *Values:* dollar value *Universe:* *Internal Notes:*	(0:99999999)
UFIN_YN	Did ... receive financial assistance from friends or relatives not living in this household? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UFRM_L	lost money from farm 0 = nc,niu 1 = loss *Values:* *Universe:* *Internal Notes:*	(0:1)
UFRM_VAL	earnings from farm after expenses 0 = nc,niu 1-999,999 = farm self-employment *Values:* *Universe:* *Internal Notes:*	(0:999999)
UFRMOTR	how much did ... earn from: farm after expenses? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UHIP_VAL	Amount paid for health insurance premiums -1 to -3 - NIU 0 - 99999 Dollar amount *Values:* *Universe:* *Internal Notes:*	(-3:999999)
UHMEMPRS	for how many employers did ... work in 20.. ? if more than one at same time, only count it as one employer. 0 = nc,niu 1 = 1 employer 2 = 2 3 = 3 plus *Values:* *Universe:* *Internal Notes:*	(0:3)

Variable	Description	Range
UHRCHECK	old interviewer check item number of hours in uhrswk is ? 0 = nc,niu 1 = 1-34 2 = 35+ *Values:* *Universe:* *Internal Notes:*	(0:2)
UHRSWK	in the weeks that ... worked how many hours did ... usually work per week ? 0 = nc,niu 1 = 1 hour ... 99 = 99 hours plus *Values:* *Universe:* *Internal Notes:*	(0:99)
UINT_YN	Did ... own any interest earning accounts, funds, savings bonds, T-notes, IRAs, CDs, or any other investments which pay interest? 0 = none or niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
ULJCW	class of worker 0 = nc,niu 1 = private 2 = federal 3 = state 4 = local 5 = self-employed incorporated, yes 6 = self-employed incorporated, no or farm 7 = without pay *Values:* *Universe:* *Internal Notes:*	(0:7)
ULJSAME	what was ...'s longest job during 20.. ? 0 = nc,niu 1 = same as current job 2 = different from current job or current job blank *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable	Description	Range
ULKNONE	you said ... worked about (entry in uwkswork) weeks in 20.. how many of the remaining (52 minus entry in uwkswork) weeks was ... looking for work or on layoff from a job? 0 = nc,niu 1 = none coded *Values:* *Universe:* *Internal Notes:*	(0:1)
ULKSTRCH	were the (entry in ulkweeks) weeks ... was looking for work (or on layoff) all in one stretch? 0 = nc,niu 1 = yes, 1 stretch 2 = no, 2 stretches 3 = no, 3 plus stretches *Values:* *Universe:* *Internal Notes:*	(0:3)
ULKWEEKS	how many of the remaining weeks was ... looking for work or on layoff from a job? 0 = nc,niu 1 = 1 week ... 51 = 51 weeks *Values:* *Universe:* *Internal Notes:*	(0:51)
ULOSEWKS	did ... lose any full weeks of work in 20.. because he/she was on layoff from a job or lost a job? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UMED_VAL	medical expenditures *Values:* *Universe:* All persons *Internal Notes:*	(-3:9999999)
UMF	Mutual Fund amount *Values:* *Universe:* *Internal Notes:*	(0:9999999)
UMF_YN	Mutual Fund, anyone? *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable	Description	Range
UMIGCITY	Did ... live inside the limits of that city,town, village,etc.? -1 = n/a 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(-1:2)
UMM	Money market amount *Values:* *Universe:* *Internal Notes:*	(0:9999999)
UMM_AI	Money market account, already included? 0 = NIU, no 1 = Yes *Values:* *Universe:* *Internal Notes:*	(0:1)
UMM_VAL	Interest income amount, money market acct *Values:* *Universe:* *Internal Notes:*	(-1:99999999)
UMM_YN	Money market account, anyone? *Values:* *Universe:* *Internal Notes:*	(0:2)
UNOEMP	counting all locations where this employer operates, what is the total number of persons who work for ...'s employer? 0 = nc,niu 1 = under 10 2 = 10 - 24 3 = 25 - 99 4 = 100 - 499 5 = 500 - 999 6 = 1000+ *Values:* *Universe:* *Internal Notes:*	(0:6)
UNWLKWK	how many different weeks was ... looking for work or on layoff? 0 = nc,niu 1 = 1 week ... 52 = 52 weeks *Values:* *Universe:* *Internal Notes:*	(0:52)

Variable	Description	Range
UNWLOOK	even though ... did not work in 20.. did he/she spend any time trying to find a job or on layoff ? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UOED_VAL	How much did ... receive in other educational assistance during 20.. ? *Values:* dollar value *Universe:* *Internal Notes:*	(0:99999999)
UOED_YN	source other than gi bill marked yes 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UOI_OFF	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 *Values:* *Universe:* *Internal Notes:*	(0:20)
UOI_VAL	How much did ... receive in other income? *Values:* dollar value *Universe:* *Internal Notes:*	(0:99999999)

Variable	Description	Range
UOI_YN	Did ... receive other income? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UOINT_AI	Other account type income, already included? 0 = NIU, no 1 = Yes *Values:* *Universe:* *Internal Notes:*	(0:1)
UOINT_VAL	Interest income amt, other accounts *Values:* *Universe:* *Internal Notes:*	(-1:99999999)
UOINT_YN	Other savings paying interest, anyone? *Values:* *Universe:* *Internal Notes:*	(0:2)
uotc_val	over the counter medical expenditures *Values:* *Universe:* *Internal Notes:*	(-3:9999999)
UOTHINT	Other interest account, amount *Values:* *Universe:* *Internal Notes:*	(0:9999999)
UPAW_MO	How many months did ... receive public assistance? 0 = nc,niu 1 = 1 month . . 12 = 12 months *Values:* *Universe:* *Internal Notes:*	(0:12)
UPAW_TYP	Did ... receive afdc or some other type of assistance? 0 = nc,niu 1 = afdc (adc) 2 = other 3 = both *Values:* *Universe:* *Internal Notes:*	(0:3)

Variable	Description	Range
UPAW_VAL	How much did ... receive in public assistance or welfare during 20.. ? *Values:* 0 = nc,niu 1-99,999,999 = public assistance *Universe:* *Internal Notes:*	(0:99999999)
UPAW_YN	Did ... receive public assistance? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UPEN_SC1	Retirement income, pension acct source 1 *Values:* *Universe:* *Internal Notes:*	(0:8)
UPEN_SC2	Retirement income, pension acct source 2 *Values:* *Universe:* *Internal Notes:*	(0:8)
UPEN_TY (8)	Retirement income, pension acct type *Values:* *Universe:* *Internal Notes:*	(0:2)
UPEN_VAL1	Retirement income amount, pension source 1 *Values:* dollar value *Universe:* *Internal Notes:*	(0:99999999)
UPEN_VAL2	Retirement income amount, pension source 2 *Values:* dollar value *Universe:* *Internal Notes:*	(0:99999999)
UPEN_YN	Retirement income, pension y/n *Values:* *Universe:* *Internal Notes:*	(0:2)
UPENINCL	Was ... included in that plan? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable	***Description***	***Range***
UPENPLAN	Other than social security did the employer or union that ... worked for in 20.. have a pension or other type of retirement plan? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UPG_VAL	How much did ... receive in pell grant? 0 = nc,niu 1-99999 = pell grant *Values:* *Universe:* *Internal Notes:*	(0:99999)
UPG_YN	old interviewer check item pell grant marked yes 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UPTRSN	what was the main reason ... worked less than 35 hours per week? 0 = nc,niu 1 = could only find pt job 2 = wanted part time 3 = slack work 4 = other *Values:* *Universe:* *Internal Notes:*	(0:4)
UPTWEEKS	how many weeks did ... work less than 35 hours in 20.. ? 0 = nc,niu 1 = 1 week ... 52 = 52 weeks *Values:* *Universe:* *Internal Notes:*	(0:52)

Variable	Description	Range
UPTYN	did ... work less than 35 hours for at least one week in 20.. ? exclude time off with pay because of holidays, vacation, days 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UPYRSN	what was the main reason ... was not working or looking for work in the remaining weeks of 20.. ? 0 = nc,niu 1 = ill or disabled 2 = taking care of home 3 = going to school 4 = retired 5 = no work available 6 = other *Values:* *Universe:* *Internal Notes:*	(0:6)
URETCB_VAL	Retirement Contribution amount *Values:* *Universe:* *Internal Notes:*	(-3:9999999)
URETCB_YN	Retirement Contribution - y/n *Values:* *Universe:* *Internal Notes:*	(-3:-2)
URETINT1	Retirement account #1, amount *Values:* *Universe:* *Internal Notes:*	(0:9999999)
URETINT2	Retirement account #2, amount *Values:* *Universe:* *Internal Notes:*	(0:9999999)
URETSC1	1st retirement income source code 0 = nc,niu ... 8 = eight *Values:* *Universe:* *Internal Notes:*	(0:8)

Variable	***Description***	***Range***
URETSC2	2nd retirement income source code 0 = nc,niu ... 8 = eight *Values:* *Universe:* *Internal Notes:*	(0:8)
URETSC3	3rd retirement income source code 0 = nc,niu ... 8 = eight *Values:* *Universe:* *Internal Notes:*	(0:8)
URETSC4	4th retirement income source code 0 = nc,niu ... 8 = eight *Values:* *Universe:* *Internal Notes:*	(0:8)
URETSCR1	1st retirement income source code 0 = nc,niu ... 8 = eight *Values:* *Universe:* *Internal Notes:*	()
URETSCR2	1st retirement income source code 0 = nc,niu ... 8 = eight *Values:* *Universe:* *Internal Notes:*	()
URETSCR3	1st retirement income source code 0 = nc,niu ... 8 = eight *Values:* *Universe:* *Internal Notes:*	()
URETSCR4	1st retirement income source code 0 = nc,niu ... 8 = eight *Values:* *Universe:* *Internal Notes:*	()

Variable	***Description***	***Range***
URINT_SC1	Source of retirement account, source 1 1 - 401(k) 2 - 403(b) 3 - Roth IRA 4 - Regular IRA 5 - KEOUGH plan 6 - SEP plan 7 - other type *Values:* *Universe:* *Internal Notes:*	(0:7)
URINT_SC2	Source of retirement account, source 2 1 - 401(k) 2 - 403(b) 3 - Roth IRA 4 - Regular IRA 5 - KEOUGH plan 6 - SEP plan 7 - other type *Values:* *Universe:* *Internal Notes:*	(0:7)
URINT_SC3	Source of retirement account, source 3 1 - 401(k) 2 - 403(b) 3 - Roth IRA 4 - Regular IRA 5 - KEOUGH plan 6 - SEP plan 7 - other type *Values:* *Universe:* *Internal Notes:*	(0:7)
URINT_SC4	Source of retirement account, source 4 1 - 401(k) 2 - 403(b) 3 - Roth IRA 4 - Regular IRA 5 - KEOUGH plan 6 - SEP plan 7 - other type *Values:* *Universe:* *Internal Notes:*	(0:7)

Variable		***Description***	***Range***
URINT_TY	(7)	Type of Retirement account 1 - 401(k) 2 - 403(b) 3 - Roth IRA 4 - Regular IRA 5 - KEOUGH plan 6 - SEP plan 7 - other type 0 = NIU 1 = Yes 2 = No *Values:* *Universe:* *Internal Notes:*	(0:2)
URINT_VAL1		Interest income amount from retirement account, source 1 *Values:* *Universe:* *Internal Notes:*	(-1:99999999)
URINT_VAL2		Interest income amount, retirement account source 2 *Values:* *Universe:* *Internal Notes:*	(-1:99999999)
URINT_YN		Any retirement account, anyone? *Values:* *Universe:* *Internal Notes:*	(0:2)
URNT_LAI		no rents received 0 = nc,niu 1 = loss 2 = already included *Values:* *Universe:* *Internal Notes:*	(0:2)
URNT_VAL		How much did ... receive in income from rent after expenses during 20.. ? *Values:* dollar value *Universe:* *Internal Notes:*	(0:99999999)
URNT_YN		Did ... own any land, property, rented to others, or receive income from royalties, roomers or boarders, or from estates or trusts? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable		***Description***	***Range***
UROL_PCT1		Retirement rollover, percent of distribution amount *Values:* *Universe:* *Internal Notes:*	(0:1)
UROL_PCT2		Retirement rollover, percent of distribution. Source 2 *Values:* *Universe:* *Internal Notes:*	(0:1)
UROL_VAL1		Rollover amoount, distribution source 1 *Values:* *Universe:* *Internal Notes:*	(0:999999)
UROL_VAL2		Rollover amoount, distribution source 2 *Values:* *Universe:* *Internal Notes:*	(0:999999)
urol_yn	(2)	Retirement rollover, recipiency *Values:* *Universe:* *Internal Notes:*	()
URSNNOTW		what was the main reason ... did not work in 20.. ? 0 = nc,niu 1 = ill or disabled 2 = retired 3 = taking care of home 4 = going to school 5 = could not find work 6 = other *Values:* *Universe:* *Internal Notes:*	(0:7)
USAVE_AI		Savings account, already included? 0 = NIU, no 1 = Yes *Values:* *Universe:* *Internal Notes:*	(0:1)
USAVE_VAL		Interest income amount, savings acct *Values:* *Universe:* *Internal Notes:*	(-1:99999999)

Variable	Description	Range
USAVE_YN	Savings account, anyone? *Values:* *Universe:* *Internal Notes:*	(0:2)
USAVINGS	Savings account amount *Values:* *Universe:* *Internal Notes:*	(0:9999999)
USE_L	lost money from own business 0 = nc,niu 1 = loss *Values:* *Universe:* *Internal Notes:*	(0:1)
USE_VAL	earnings from own business *Values:* 0 = nc,niu 1-9,999,999 = self-employment *Universe:* *Internal Notes:*	(0:9999999)
USEOTR	how much did ... earn from: own business after expenses? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
USS_AI	social security already included. 0 = nc,niu 1 = already included this is one of three pieces of Social Security *Values:* *Universe:* *Internal Notes:*	(0:1)
USS_DED	Social Security deduction amount *Values:* *Universe:* *Internal Notes:*	(0:9999999)
USS_MAMT	SS monthly amount,including deduction *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
USS_MO	SS months reported *Values:* *Universe:* *Internal Notes:*	()
USS_TOT	SS Total, including deduction *Values:* *Universe:* *Internal Notes:*	()
USS_YN	Did ... receive social security payments either for him/herself or as combined payments with other family members? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
USSD_AI	Social Security Disability, already inc *Values:* *Universe:* *Internal Notes:*	(-1:2)
USSD_DED	Social Security Disability deduction amount *Values:* *Universe:* *Internal Notes:*	(0:9999999)
USSD_MAMT	SSDI monthly amount, including deduction *Values:* *Universe:* *Internal Notes:*	()
USSD_MO	SSDI months reported *Values:* *Universe:* *Internal Notes:*	()
USSD_TOT	SSDI total, including deduction *Values:* *Universe:* *Internal Notes:*	()
USSI_TOT	Supplemental Security Income, total *Values:* *Universe:* *Internal Notes:*	(-3:999999)

Variable		***Description***	***Range***
USSI_YN		Did ... receive ssi ? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
USSIK_TOT		SSI for kids, total *Values:* *Universe:* *Internal Notes:*	(-3:999999)
ussik_yn		Supplemental security income for children recipiency *Values:* *Universe:* *Internal Notes:*	()
USSIKSC		SSI for kids, source *Values:* *Universe:* *Internal Notes:*	(0:5)
ussisc	(2)	SSI Source *Values:* *Universe:* *Internal Notes:*	()
USSK_AI		Social Security for kids, already inc *Values:* *Universe:* *Internal Notes:*	(-1:2)
USSK_TOT		Social Security for kids, total *Values:* *Universe:* *Internal Notes:*	(-3:999999)
ussk_yn		Social security for children recipiency *Values:* *Universe:* *Internal Notes:*	()
usssc	(2)	Social Security Source *Values:* *Universe:* *Internal Notes:*	()

Variable	Description	Range
USTRKUC	At any time during 20.. did ... receive any union unemployment or strike benefits? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
USTRKUC_TOT	Strike Benefits, unempl. Comp, total *Values:* *Universe:* *Internal Notes:*	(-3:99999)
USUBUC	At any time during 20.. did ... receive any supplemental unemployment benefits? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
USUBUC_TOT	Supp. Unemployment Benefits - total *Values:* *Universe:* *Internal Notes:*	(-3:99999)
USUR_T (10)	What was the source of this income? (any other widow or survivor income?) 0 = nc,niu 1 = yes 2 = no (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's compensation survivor (7) black lung survivor pension (8) regular payments from estates or trusts (9) regular payments from annuities or paid-up life insurance (10) other or don't know *Values:* *Universe:* *Internal Notes:*	(0:2)
USUR_VL1	How much did ... receive in (source type) during 20.. ? *Values:* 0 = nc,niu 1-99,999,999 = survivor's income - first source *Universe:* *Internal Notes:*	(0:99999999)

Variable	Description	Range
USUR_VL2	How much did ... receive in (source type) during 20.. ? 0 = nc,niu 1-500,000 = survivor's income - 2nd source *Values:* *Universe:* *Internal Notes:*	(0:500000)
USUR_VL3	How much did ... receive in (source type) during 20.. ? 0 = nc,niu 1-199,999 = survivor's income - 3rd source *Values:* *Universe:* *Internal Notes:*	(0:199999)
USUR_YN	Did ... receive survivor's income? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
USURSC1	1st survivor income source code 0 = nc,niu ... 10 = ten *Values:* *Universe:* *Internal Notes:*	(0:10)
USURSC2	2nd survivor income source code 0 = nc,niu ... 10 = ten *Values:* *Universe:* *Internal Notes:*	(0:10)
USURSC3	3rd survivor income source code 0 = nc,niu ... 10 = ten *Values:* *Universe:* *Internal Notes:*	(0:10)

Variable	***Description***	***Range***
USURSC4	4th survivor income source code 0 = nc,niu ... 10 = ten *Values:* *Universe:* *Internal Notes:*	(0:10)
UTOTEARN	Total earnings, unedited 0 1-99,999,999 *Values:* *Universe:* *Internal Notes:*	(0:99999999)
UTOTINC	Total person income, unedited *Values:* *Universe:* *Internal Notes:*	(0:99999999)
UTOTRNG	Total irange amount, unedited 0 1:99,999,999 *Values:* *Universe:* *Internal Notes:*	(0:99999999)
UUC_TOT	Unemployment comp. - total *Values:* *Universe:* *Internal Notes:*	(-3:99999)
UUCTOT_YN	At any time during 20.. did ... receive any state or federal unemployment compensation? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UVET_QVA	Is ... required to fill out an annual income questionnaire for the veterans' administration? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable		Description	Range
UVET_TOT1		Veterans benefits, total *Values:* *Universe:* *Internal Notes:*	(-3:999999)
UVET_TOT2		Veterans benefits. Total source 2 *Values:* *Universe:* *Internal Notes:*	(-3:999999)
UVET_TY	(5)	What type of veterans' payments did ... receive? 0 = nc,niu 1 = yes (1) disability compensation (2) survivor benefits (3) veterans' pension (4) education assistance (5) other veterans' payments *Values:* *Universe:* *Internal Notes:*	(0:1)
UVET_VAL		How much did ... receive from veterans' administration during 20.. ? 0 = nc,niu 1-300,000 = veterans' payments *Values:* *Universe:* *Internal Notes:*	(0:300000)
UVET_YN		Did ... receive veterans' payments? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
uvetsc	(2)	Veteran's income source *Values:* *Universe:* *Internal Notes:*	(0:5)
UWAGEOTR		how much did ... earn from: all other employers? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable	***Description***	***Range***
UWC_TYPE	What was source of these payments? 0 = nc,niu 1 = state worker's compensation 2 = employer or employer's insurance 3 = own insurance 4 = other *Values:* *Universe:* *Internal Notes:*	(0:4)
UWC_VAL	How much compensation did … receive during 20.. ? *Values:* 0 = nc,niu 1-99,999,999 = worker's compensation *Universe:* *Internal Notes:*	(0:99999999)
UWC_YN	During 20.. did ... receive any worker's compensation payments or other payments as a result of a job related injury or illness? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UWKCHECK	old interviewer check item number of weeks in uwkswork is: 0 = nc,niu 1 = 1-49 weeks 2 = 50-51 weeks 3 = 52 weeks *Values:* *Universe:* *Internal Notes:*	(0:3)
UWKSWORK	during 20.. in how many weeks did ... work even for a few hours ? (include paid vacation and sick leave as work.) 0 = nc,niu 1 = 1 week ... 52 = 52 weeks *Values:* *Universe:* *Internal Notes:*	(0:52)
UWORKYN	did ... work at a job or business at any time during 20..? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)

Variable	***Description***	***Range***
UWRK_CK	old interviewer check item Did ... work last year? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
UWS_VAL	earnings from all other employers 0 = nc,niu 1-6,000,000 = wage and salary *Values:* *Universe:* *Internal Notes:*	(0:6000000)
UWTEMP	did ... do any temporary, part-time, or seasonal work even for a few days during 20.. ? 0 = nc,niu 1 = yes 2 = no *Values:* *Universe:* *Internal Notes:*	(0:2)
VACARE	VACARE coverage last year *Values:* 0= Infant born after calendar year 1= Yes 2= No *Universe:* All Persons *Internal Notes:*	(0:2)
VACARE_LCSP	Left-censored - 1st spell of VACARE coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* VACARE = 1 *Internal Notes:*	(0:2)
VACARE_MON	Number of months with VACARE coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
VACARE_RCSP	Right-censored - 1st spell of VACARE coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* VACARE = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
VACARE_RCSP	Right-censored - 2nd spell of VACARE coverage *Values:* 0= Niu 1= Yes 2= No *Universe:* VACARE = 1 *Internal Notes:*	(0:2)
VACARE_SP1	Length of the 1st spell of VACARE coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
VACARE_SP2	Length of the 2nd spell of VACARE coverage *Values:* 0 - 12 *Universe:* All Persons *Internal Notes:*	(0:12)
VET_QVA	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 *Internal Notes:*	(0:2)
VET_SC (2)	Source, Veterans benefits *Values:* 1 = disability compensation 2 = survivor benefits 3- = veteran's pension 4 = education assistance 5 = other veteran's payments *Universe:* VET_YN = 1 *Internal Notes:*	(0:5)
VET_TOT1	Veterans income amount from source 1 *Values:* 0 = none or niu 1-99999 = veterans payments *Universe:* VET_SC1 = 1 *Internal Notes:*	(0:99999)
VET_TOT2	Veterans income amount from source 2 *Values:* 0 = none or niu 1-99999 = veterans payments *Universe:* VET_SC2 = 1 *Internal Notes:*	(0:99999)
VET_TYP1	What type of veterans payments did .... receive? (VET_TYP1- disability compensation?) *Values:* 0 = niu 1 = yes 2 = no *Universe:* VET_YN = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
VET_TYP2	What type of veterans payments did .... receive? (VET_TYP2- survivor benefits?) *Values:* 0 = niu 1 = yes 2 = no *Universe:* VET_YN = 1 *Internal Notes:*	(0:2)
VET_TYP3	What type of veterans payments did .... receive? (VET_TYP3- veteran's pension?) *Values:* 0 = niu 1 = yes 2 = no *Universe:* VET_YN = 1 *Internal Notes:*	(0:2)
VET_TYP4	What type of veterans payments did .... receive? (VET_TYP4- education assistance?) *Values:* 0 = niu 1 = yes 2 = no *Universe:* VET_YN = 1 *Internal Notes:*	(0:2)
VET_TYP5	What type of veterans payments did .... receive? (VET_TYP5- other veteran's payments?) *Values:* 0 = niu 1 = yes 2 = no *Universe:* VET_YN = 1 *Internal Notes:*	(0:2)
VET_VAL	How much did ... receive from veterans' administration during 20..? *Values:* 0 = none or niu 1-999999 = veterans' payments *Universe:* VET_YN = 1 *Internal Notes:*	(0:999999)
VET_YN	Did ... receive veterans' payments? *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
WAGEOTR	receiving wage and salary earnings from other employers, y/n *Values:* 0 = niu 1 = yes 2 = no *Universe:* ERN_OTR = 1 *Internal Notes:*	(0:2)

Variable	Description	Range
WC_TYPE	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 *Internal Notes:*	(0:4)
WC_VAL	How much compensation did ... receive during 20..? *Values:* 0 = none or niu 1-99999 = worker's compensation *Universe:* WC_YN = 1 *Internal Notes:*	(0:99999)
WC_YN	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+ *Internal Notes:*	(0:2)
WECLW	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+ *Internal Notes:*	(0:9)

Variable	Description	Range
WEIND	IND. OF LONGEST JOB BY DETAILED GROUPS *Values:* 0 = NIU 1 = AGRICULTURE, FORESTRY, FISHING, and HUNTING 2 = MINING 3 = CONSTRUCTION 4 = MANUFACTURING - DURABLE GOODS 5 = MANUFACTURING - NON-DURABLE GOODS 6 = WHOLESALE TRADE 7 = RETAIL TRADE 8 = TRANSPORTATION AND WAREHOUSING 9 = UTILITIES 10 = INFORMATION 11 = FINANCE AND INSURANCE 12 = REAL ESTATE AND RENTAL AND LEASING 13 = PROFESSIONAL SCIENTIFIC AND TECHNICAL SERVICES 14 = MANAGEMENT, ADMINISTRATIVE AND WASTE MANAGEMENT SERVICES 15 = EDUCATIONAL SERVICES 16 = HEALTH CARE AND SOCIAL ASSISTANCE SERVICES 17 = ARTS, ENTERTAINMENT, AND RECREATION 18 = ACCOMMODATION AND FOOD SERVICES 19 = PRIVATE HOUSEHOLDS 20 = OTHER SERVICES, EXCEPT PRIVATE HOUSEHOLDS 21 = PUBLIC ADMINISTRATION 22 = ARMED FORCES *Universe:* All Persons aged 15+ *Internal Notes:*	(0:23)
WELKNW	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+ *Internal Notes:*	(0:7)
WEMIND	IND. OF LONGEST JOB BY MAJOR IND. GROUPS *Values:* 0 = NIU See Appendix A for vlaues. *Universe:* All Persons aged 15+ *Internal Notes:*	(0:15)
WEMOCG	OCCUP. OF LONGEST JOB BY MAJOR GROUPS *Values:* 0 = NIU See Appendix B for values. *Universe:* All Persons aged 15+ *Internal Notes:*	(0:24)

Variable	Description	Range
WEUEMP	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+ *Internal Notes:*	(0:9)
WEWKRS	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+ *Internal Notes:*	(0:5)
WEXP	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+ *Internal Notes:*	(0:13)
WICYN	Who received WIC? *Values:* 0 = niu 1 = received WIC 2 = did not receive WIC *Universe:* Adult female *Internal Notes:*	(0:2)
WICYNA	Allocation flag for WICYN *Values:* 0 = Not allocated or NIU 1 = Allocated *Universe:* WICYN > 0 *Internal Notes:*	(0:1)

Variable	Description	Range
WKCHECK	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 *Internal Notes:*	(0:3)
WKSWORK	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 *Internal Notes:*	(0:52)
WORKYN	Did ... work at a job or business at any time during 20..? *Values:* 0 = niu 1 = yes 2 = no *Universe:* All Persons aged 15+ *Internal Notes:*	(0:2)
WRK_CK	Worked last year recode, including temporary and part-time *Values:* 0 = niu 1 = yes 2 = no *Universe:* All persons 15+ *Internal Notes:*	(0:2)
WS_VAL	amount of wage and salary earnings from other employers *Values:* 0 = none or niu; 1-9999999 = wage and salary *Universe:* ERN_OTR = 1 *Internal Notes:*	(0:9999999)
WSAL_VAL	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 *Internal Notes:*	(0:9999999)
WSAL_YN	receiving wage and salary earnings *Values:* 0 = niu 1 = yes 2 = no *Universe:* ERN_YN=1 or WAGEOTR=1 *Internal Notes:*	(0:2)
WTEMP	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 *Internal Notes:*	(0:2)

Glossary

Subject Concepts

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

Annuities
(See Income.)

Armed Forces
Armed Forces members enumerated in off-base housing or on base with their families are included on the CPS ASEC file, as long as at least one civilian adult lives in the same household. In addition to demographic and family data, supplemental data on income and work experience for Armed Forces members are included.

Base Weight
The constant weight assigned to the sample (inverse of the sampling fraction) which is adjusted to produce the final weight.

Civilian Labor Force
(See Labor Force.)

Class of Worker
This refers to the broad classification of the person's employer. On the ASEC file, these broad classifications for current jobs are private, government, self-employed, without pay, and never worked. Private and government workers are considered "wage and salary workers;" this classification scheme includes self-employed, incorporated persons in with "private" workers. For the longest job held last year, this class of worker scheme includes private; government by level/Federal, State, and local; self-employed incorporated, self-employed unincorporated or farm; and without pay. The wage and salary category for longest job held includes private, government (all levels), and self-employed incorporated.

Dividends
(See Income)

Duration of Unemployment
Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed are continuously looking for

work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of two weeks or more during which a person is employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

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

Earnings Weight
Each person record in month-in- sample 4 and 8 contains an earnings weight for current earnings.

Education
(See Level of School Completed.)

Employed
(See Labor Force.)

Energy Assistance Program
The Low-Income Home Energy Assistance Program provides financial assistance to qualified households to help them pay heating costs. The program is funded by the Federal government and administered by the States under broad guidelines. In some States a household may automatically be eligible for this program if the household receives (1) Aid to Families with Dependent Children, (2) Food Stamps, (3) Supplemental Security Income (SSI), and (4) certain Veterans' benefits.

The energy assistance questions were asked for the first time in 1982. In 2011, the question was revised to include assistance for cooling as well as heating expenses, and the reference period was expanded from: (a) receipts since October 1 of the previous year; to (b) receipts for the entire previous calendar year.

Family
A family is a group of two persons or more (one of whom is the householder) residing together and related

by birth, marriage, or adoption. All such persons (including related subfamily members) are considered as members of one family. Beginning with the 1980 CPS, unrelated subfamilies (referred to in the past as secondary families) are no longer included in the count of families, nor are the members of unrelated subfamilies included in the count of family members.

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

Family Weight
The weight on the family record is the March supplement weight of the householder or reference person. This weight on the primary family record should be used to tabulate the number of families.

Farm Self-Employment Net Income
The term is defined as net money income (gross receipts minus operating expenses) from the operation of a farm by a person on his own account, as an owner, as a renter, or as a sharecropper. Gross receipts include the value of all products sold, government crop loans, money received from the rental of farm equipment to others, and incidental receipts from the sale of wood, sand, gravel, etc.

Operation expenses include cost of feed, fertilizer, seed, and other farming supplies, cash wages paid to farm hands, depreciation charges, cash rent, interest on farm mortgages, farm building repairs, farm taxes (not State and Federal income taxes), etc. The value of fuel, food, or other farm products used for household living is not included as part of net income. Inventory changes are considered in determining net income only when they are accounted for in replies based on income tax returns or other official records which reflect inventory changes.

Final Weight
Used in tabulating monthly labor force items. This weight should be used when producing estimates from the basic CPS data. It should not be used to tabulate ASEC supplement data.

Food Stamps
The Food Stamp Act of 1977 was enacted for the purpose of increasing the food purchasing power of eligible households through the use of coupons to purchase food. The Food and Nutrition Service of the U.S. Department of Agriculture (USDA) administers the Food Stamp Program through State and local welfare offices. The Food Stamp Program is the major national income support program which provides benefits to all low- income and low-resource households regardless of household characteristics (e.g., sex, age, disability, etc.). The questions on participation in the Food Stamp Program in the ASEC supplement were designed to identify households in which one or more of the current members received food stamps during the previous calendar year. Once a food stamp household was identified, a question was asked to determine the number of current household members covered by food stamps during the previous calendar year. Questions were also asked about the number of months food stamps were received during the previous calendar year and the total face value of all food stamps received during that period.

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

Group Health Insurance Coverage
Civilian persons 15 years old and over who worked in the previous calendar year and who participated in group health insurance plans provided by the employer or union were asked whether part or all of the health insurance premiums were paid for by the union or employer and the extent of persons covered.

Additional questions were asked to determine if sample persons were covered by any other type of health insurance plan. These items are intended to measure retirees covered by continuing employer provided coverage and persons who purchased coverage on their own.

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

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

and "family householder" are used.

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

Hispanic Origin
Persons of Hispanic origin in this file are determined on the basis of a question asking if the person is Spanish, Hispanic, or Latino. If the response is "yes," a follow-up question determines a specific ethnic origin, asking to select their (the person's) origin from a "flash card" listing. The flash-card selections are Mexican, Mexican-American, Chicano, Puerto Rican, Cuban, Cuban American, or some other Spanish, Hispanic, or Latino group.

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

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

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

Household Weight
Household weight is the March Supplement weight of the householder. This weight should be used to tabulate estimates of households.

Householder
The householder refers to the person (or one of the persons) in whose name the housing unit is owned or rented (maintained) or, if there is no such person, any adult member, excluding roomers, boarders, or paid employees. If the house is owned or rented jointly by a married couple, the householder may be either the husband or the wife. The person designated as the householder on the file is the "reference person" on the CPS-260 control card to whom the relationship of all other household members, if any, is recorded.

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

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

Income
For each person in the sample who is 15 years old and over, questions are asked on the amount of money income received in the preceding calendar year from each of the following sources: (1) money wages or salary; (2) net income from nonfarm self-employment; (3) net income from farm self- employment; (4) Social Security or railroad retirement; (5) Supplemental Security Income; (6) public assistance or welfare payments; (7) interest (on savings or bonds); (8) dividends, income from estates or trusts, or net rental income; (9) veterans' payment or unemployment and workmen's compensation; (10) private pensions or government employee pensions; (11) alimony or child support, regular contributions from persons not living in the household, and other periodic income.

Although income statistics refer to receipts during the preceding year, the characteristics of the person such as age, labor force status, etc., and the composition of households refer to the time of the survey. The income of the household does not include amounts received by persons who are members of the household during all or part of the income year if these persons no longer reside with the household at the time of enumeration. On the other hand, household income includes amounts reported by persons who did not reside with the household during the income year but who were members of the household at the time of enumeration.

Data on consumer income collected in the CPS by the Census Bureau cover money income received (exclusive of certain money receipts such as capital gains) before payments for personal income taxes, Social Security,

union dues, Medicare deductions, etc. Also, money income does not reflect the fact that some households receive part of their income in the form of non-money transfers such as food stamps, health benefits, subsidized housing, and energy assistance; that many farm households receive non-money income in the form of rent free housing and goods produced and consumed on the farm; or that non-money income is received by some nonfarm residents that often takes the form of the use of business transportation and facilities, or full or partial contributions for retirement programs, medical and educational expenses, etc. These elements should be considered when com-paring income levels. Moreover, readers should be aware that for many different reasons there is a tendency in household surveys for respondents to under report their income. From an analysis of independently derived income estimates, it has been determined that wages and salaries tend to be much better reported than such income types as public assistance, Social Security, and net income from interest, dividends, rents, etc.

Income Sources - Wages and Salary
Money wages or salary is defined as total money earnings received for work performed as an employee during the income year. It includes wages, salary, Armed Forces pay, commissions, tips, piece-rate payments, and cash bonuses earned, before deductions are made for taxes, bonds, pensions, union dues, etc. Earnings for self-employed incorporated businesses are considered wage and salary.

Income Sources - Nonfarm Self-Employment
Net income from nonfarm self-employment is net money income (gross receipts minus expenses) from one's own business, professional enterprise, or partnership. Gross receipts include the value of all goods sold and services rendered. Expenses include costs of goods purchased, rent, heat, light, power, depreciation charges, wages and salaries paid, business taxes (not personal income taxes), etc. In general, inventory changes are considered in determining net income since replies based on income tax returns or other official records do reflect inventory changes. However, when values of inventory changes are not reported, net income figures exclusive of inventory changes are accepted. The value of saleable merchandise consumed by the proprietors of retail stores is not included as part of net income.

Income Sources - Farm Self-Employment
Net income from farm self-employment is net money income (gross receipts minus operating expenses) from the operation of a farm by a person on his own account, as an owner, as a renter, or as a sharecropper. Gross receipts include the value of all products sold, government crop loans, money received from the rental of farm equipment to others, and incidental receipts from the sale of wood, sand, gravel, etc.

Operating expenses include cost of feed, fertilizer, seed, and other farming supplies, cash wages paid to farm hands, depreciation charges, cash rent, interest on farm mortgages, farm building repairs, farm taxes (not State and Federal income taxes), etc. The value of fuel, food, or other farm products used for family living is not included as part of net income. In general, inventory changes are considered in determining net income only when they are accounted for in replies based on income tax returns or other official records which reflect inventory changes; otherwise, inventory changes are not taken into account.

Income Sources - Social Security
Social Security includes Social Security pensions and survivors' benefits, and permanent disability insurance payments made by the Social Security Administration prior to deductions for medical insurance and railroad retirement insurance checks from the U.S. Government. "Medicare" reimbursements are not included.

Income Sources - Supplemental Security Income
Supplemental Security Income includes payments made by Federal, State, and local welfare agencies to low income persons who are (1) aged (65 years old and over), (2) blind, or (3) disabled.

Income Sources - Public Assistance
Public assistance or welfare payments include public assistance payments such as Aid to Families with Dependent Children and general assistance.

Income Sources - Interest and Dividends
Interest, dividends, income from estates or trusts, net rental income or royalties include dividends from stock-holdings or membership in associations, interest on savings or bonds, periodic receipts from estates or trust funds, net income from rental of a house, store, or other property to others, receipts from boarders or lodgers, and net royalties.

Income Sources - Unemployment Compensation
Worker's Compensation, and Veterans' Payments. Unemployment compensation, veterans' payments, or worker's compensation includes: (1) unemployment compensation received from government unemployment insurance agencies or private companies during periods of unemployment and any strike benefits received from union funds; (2) money paid periodically by the Veterans Administration to disabled members of the

Armed Forces or to survivors of deceased veterans, subsistence allowances paid to veterans for education and on-the-job training, as well as so-called "refunds" paid to ex-servicemen as GI insurance premiums; and (3) worker's compensation received periodically from public or private insurance companies for injuries incurred at work. The cost of this insurance must have been paid by the employer and not by the person.

Income Sources - Private and Government Pensions and Annuities
Many employers and unions have established pension program their employees so that upon retirement the employee will receive regular income to replace his/her earnings. Many of these programs also provide income to the employees if he/she becomes severely disabled, or to his/her survivors if the employee dies. Other types of retirement income include annuities and paid up life insurance policies. Some people purchase annuities which yield a set amount over a certain number of years. Other people may convert their paid up life insurance policy into an annuity after they retire.

Income Sources - Alimony and Child Support
Alimony is money received periodically from a former spouse following a divorce or separation.
Child support is money received from a parent for the support of their children following a divorce or legal separation. Money received from relatives, other than the parent, or friends is not considered as child support.

Receipts Not Counted As Income
Receipts from the following sources are not included as income: (1) money received from the sale of property, such as stocks, bonds, a house, or a car (unless the person is engaged in the business of selling such property, in which case the net proceeds is counted as income from self-employment); (2) withdrawals of bank deposits; (3) money borrowed; (4) tax refunds; (5) gifts; and (6) lump-sum inheritances of insurance payments.

Industry, Occupation, and Class of Worker (I&O) - Current Job (Basic CPS data)
For the employed, current job is the job held in the reference week (the week before the survey). Persons with two or more jobs are classified in the job at which they worked the most hours during the reference week. The unemployed are classified according to their latest full-time job lasting two or more weeks or by the job (either full-time or part-time) from which they were on layoff. The I&O questions are also asked of persons not in the labor force who are in the fourth and eighth months in sample and who have worked in the last five years. The occupation/industry classification system for the 2000 Census was used to code CPS data beginning with the January 2003 file. See Table 1 below; the occupation classifications underwent revisions in 2011, to make them consistent with Census 2010.

I&O - Longest Job (supplement data)
Longest job applies to the job held longest during the preceding year for persons who worked that year, without regard to their current employment status.

Table 1 – I&O Details for Current Job (Basic CPS) and Longest Job (ASEC Supplement)

Subject		**Current Job (Basic CPS data)**	**Longest Job Last Year (ASEC data)**
		Variable Name	
Industry	4-digit code	PEIOIND	INDUSTRY
	2-digit recode (detailed groups)	A_DTIND	WEIND
	2-digit recode (major groups)	A_MJIND	WEMIND
Occupation	4-digit code	PEIOOCC	OCCUP
	2-digit recode (detailed groups)	A_DTOCC	POCCU2
	2-digit recode (major groups)	A_MJOCC	WEMOCG
Class of Worker	Class of Worker	A_CLSWKR	LJCW

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

Keeping House
Persons are classified as keeping house if they engage in own housework. This is one of the "not in labor force" classifications employment status recode (ESR) = 4.

LFSR (Labor Force Status Recode)
This classification is available for each civilian 15 years old and over according to his/her responses to the monthly (basic) labor force items.
Labor Force
Persons are classified as in the labor force if they are employed, unemployed, or in the Armed Forces during the survey week. The "civilian labor force" includes all civilians classified as employed or unemployed. The file includes labor force data for civilians age 15 and over. However, the official definition of the civilian labor force is age 16 and over.

1. Labor Force – Employed
Employed persons comprise (1) all civilians who, during the survey week did any work at all as paid employees or in their own business or profession, or on their own farm, or who work 15 hours or more as unpaid workers on a farm or a business operated by a member of the family; and (2) all those who have jobs but who are not working because of illness, bad weather, vacation, or labor- management dispute, or because they are taking time off for personal reasons, whether or not they are seeking other jobs. These persons would have a Labor Force Status Recode (LFSR) of 1 or 2 respectively in character 145 of the person record which designates "at work" and "with a job, but not at work." Each employed person is counted only once. Those persons who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week. If they worked an equal number of hours at more than one job, they are counted at the job they held the longest.

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

2a. Unemployed - Job Leavers
Persons who quit or otherwise terminate their employment voluntarily and immediately begin looking for work.

2b. Unemployed - Job Losers
Persons whose employment ends involuntarily, who immediately begin looking for work, and those persons who are already /on layoff.

2c. Unemployed - New Job Entrants
Persons who never worked at a full-time job lasting two weeks or longer.

2d. Unemployed - Job Reentrants
Persons who previously worked at a full-time job lasting two weeks or longer but are out of the labor force prior to beginning to look for work.

3. Labor Force - Not in Labor Force
Included in this group are all persons in the civilian noninstitutional population who are neither employed nor unemployed. Information is collected on their desire for and availability to take a job at the time of the CPS interview, job search activity in the prior year, and reason for not looking in the 4-week period prior to the survey week. This group includes discouraged workers, defined as persons not in the labor force who want and are available for a job and who have looked for work sometime in the past 12 months (or since the end of their last job if they held one within the past 12 months), but who are not currently looking because they believe there are no jobs available or there are none for which they would qualify. Such persons have an LFSR code of 7 in the person record.

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

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

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

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

March Supplement Weight
The March supplement weight is on all person records and is used to produce "supplement" estimates; that is, income, work experience, migration, and family characteristic estimates.

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

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

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

Medicare
The Medicare Program is designed to provide medical care for the aged and disabled. The Basic Hospital Insurance Plan (Part A) is designed to provide basic protection against hospital costs and related post-hospital services. This plan also covers many persons under 65 years old who receive Social Security or railroad retirement benefits based on long-term disability. Part A is financed jointly by employers and employees through Social Security payroll deductions. Qualified persons 65 years old and over who are not otherwise eligible for Part A benefits may pay premiums directly to obtain this coverage. The Medical Insurance Plan (Part B) is a voluntary plan which builds upon the hospital insurance protection provided by the basic plan. It provides insurance protection covering physicians' and surgeons' services and a variety of medical and other health services received either in hospitals or on an ambulatory basis. It is financed through monthly premium payments by each enrollee, and subsidized by Federal general revenue funds.

The Medicare question on the ASEC supplement attempted to identify all persons 15 years old and over who were "covered" by Medicare at any time during the previous calendar year. The term "covered" means enrolled in the Medicare Program. In order to be counted, the person did not necessarily have to receive medical care paid for by Medicare.

Medicaid
The Medicaid Program is designed to provide medical assistance to needy families with dependent children, and to aged, blind, or permanently and totally disabled individuals whose incomes and resources are insufficient to meet the costs of necessary medical services. The program is administered by State agencies through grants from the Health Care Financing Administration of the Department of Health and Human Services. Funding for medical assistance payments consists of a combination of Federal, State, and in some cases, local funds.

Medicaid is a categorical program with complex eligibility rules which vary from State to State. There

are two basic groups of eligible individuals: the categorically eligible and the medically needy. The major categorically eligible groups are all Aid to Families with Dependent Children (AFDC) recipients and most Supplemental Security Income (SSI) recipients. Other categorically eligible groups are (1) those who meet basic State cash assistance eligibility rules/aged, blind, disabled, needy single parents with children, and, in some States, needy unemployed parents with children, but who are not currently receiving money payments; and (2) needy persons who meet categorical eligibility standards but are institutionalized for medical reasons (e.g., low- income elderly persons in nursing homes). However, such institutionalized persons are not included in the CPS universe and, therefore, are not reflected in these statistics.

In roughly one-half of the States, coverage is extended to the medically needy/persons meeting categorical age, sex, or disability criteria, whose money incomes and assets exceed eligibility levels for cash assistance but are not sufficient to meet the cost of medical care. In such States, qualifying income and asset levels are usually above those set for cash assistance. Families with large medical expenses relative to their incomes and assets may also meet medically needy eligibility standards in these States.

The Medicaid question on the ASEC supplement attempted to identify all persons who were "covered" by Medicaid at any time during the previous calendar year. The term "covered" means enrolled in the Medicaid program, i.e., had a Medicaid medical assistance card, or incurred medical bills which were paid for by Medicaid. In order to be counted, the person did not have to receive medical care paid for by Medicaid.

After data collection and creation of an initial microdata file, further refinements were made to assign Medicaid coverage to children. In this procedure all children under 21 years old in families were assumed to be covered by Medicaid if either the householder or spouse reported being covered by Medicaid (this procedure was required mainly because the Medicaid coverage question was asked only for persons 15 years old and over). All adult AFDC recipients and their children, and SSI recipients living in States which legally require Medicaid coverage of all SSI recipients, were also assigned coverage.

Mobility Status
The population of the United States, 1 year old and over, is classified according to mobility status on the basis of a comparison between the place of residence of each individual at the time of the ASEC supplement and the place of residence in March of the previous year. For ASEC years ending in 0 and 5, this information is also collected for 5-year mobility for person 5 years old and over.

Migration status (one-year) is derived from answers to questions about residence one year before the survey date and the geographic location of the respondent's current residence. One-year migration data are collected annually. Similarly, five-year migration status is based on residence five years ago compared to current residence. The first of three inquiries is: "Were/Was ___living in this house one year ago?" If the answer was "No," the enumerator asked, "Where did ___ live one year ago?" In classification, three main categories distinguish nonmovers, movers within the United States, and movers from abroad.

Nonmovers are all persons who are living in the same house at the end of the period as at the beginning of the period. Movers within the United States are all persons who are living in a different house in the United States at the end of the period than at the beginning of the period. Movers from abroad include all persons whose place of residence is outside the United States at the beginning of the period, that is, in an outlying area under the jurisdiction of the United States or in a foreign country.

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

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

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

Nonfarm Self-employment Net Income
The term is defined as net money income (gross receipts minus expenses) from an individual's own business, professional enterprise, or partnership. Gross receipts include the value of all goods sold and services rendered. Expenses include costs of goods purchased, rent, heat, light, power, depreciation charges, wages and salaries paid, business taxes (not personal income taxes), etc. In

general, inventory changes are considered in determining net income; replies based on income tax returns or other official records do reflect inventory changes; however, when values of inventory changes are not reported, net income figures exclusive of inventory changes are accepted. The value of saleable merchandise consumed by the proprietors of retail stores is not included as part of net income.

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

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

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

Other Relative of Householder
Any relative of the householder other than his spouse, child (including natural, adopted, or step child), sibling, or parent; for example, grandson, daughter-in-law, etc.

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

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

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

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

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

Pension Plan
The pension plan question on the ASEC supplement attempted to identify if pension plan coverage was available through an employer or union and if the employee was included. This information was collected for civilian persons 15 years old and over who worked during the previous calendar year.

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

Poverty
In this file, families and unrelated individuals are classified as being above or below the poverty level using a poverty index adopted by a Federal Interagency Committee in 1969 and slightly modified in 1981.

The modified index provides a range of income cutoffs or "poverty thresholds" adjusted to take into account family size, number of children, and age of the family householder or unrelated individual; prior to 1981, adjustments were also made on the basis of farm-nonfarm residence and sex of the householder.

The impact of these revisions on the poverty estimates is minimal at the national level. The poverty cutoffs are updated every year to reflect changes in the Consumer Price Index. The average poverty threshold for a family of four was $12,091 in 1985. For a detailed explanation of the poverty definition, see Current Population Reports, Series P-60, No. 238, Income, Poverty, and Health Insurance Coverage in the United States: 2009.

Public Assistance
(See Income.)

Public or Other Subsidized Housing
Participation in public housing is determined by two factors: program eligibility and the availability of housing. Income standards for initial and continuing occupancy vary by local housing authority, although the limits are constrained by Federal guidelines. Rental charges, which, in turn, define net benefits, are set by a Federal statute not to exceed 30 percent of net monthly money income. A recipient unit can either be a family of two or more related persons or an individual who is handicapped, elderly, or displaced by urban renewal or natural disaster.

There are some programs through which housing assistance is provided to low-income families and individuals living in public or privately owned dwellings. Two of the more common types of programs in which Federal, State, and local funds are used to subsidize private sector housing are rent supplement and interest reduction plans. Under a rent supplement plan the difference between the "fair market" rent and the rent charged to the tenant is paid to the owner by a government agency. Under an interest reduction program, the amount of interest paid on the mortgage by the owner is reduced so that subsequent savings can be passed along to low income tenants in the form of lower rent charges.

There were two questions dealing with public and low cost housing on the ASEC supplement questionnaire. The first question identifies residence in a housing unit owned by a public agency. The second question identifies beneficiaries who were not living in public housing projects, but who were paying lower rent due to a government subsidy. These questions differ from other questions covering noncash benefits in that they establish current recipiency status in March of the current year rather than recipiency status during the previous year.

Race
Beginning in January 2003, revisions to race categories took effect. Respondents were allowed to report more than one race, making selections from a "flash-card". The six race groups are: White, Black or African American, American Indian or Alaskan Native, Asian, Native Hawaiian or Other Pacific Islander, and Other race. The last category includes any other race except the five mentioned. Because of these changes, data on race are not directly comparable to previous files. Use caution when interpreting changes in the racial composition of the U.S. over time.

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

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

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

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

School Lunches
The National School Lunch Program is designed to assist States in providing a school lunch for all children at moderate cost. The National School Lunch Act of 1946 was further amended in 1970 to provide free and reduced-price school lunches for children of needy families. The program is administered by the Food and Nutrition Service of the U.S. Department of Agriculture (USDA) through State educational agencies or through regional USDA nutrition services for nonprofit private schools. The program is funded by a combination of Federal funds and matching State funds.

All students eating lunches prepared at participating schools pay less than the total cost of the lunches. Some students pay the "full established" price for lunch (which itself is subsidized) while others pay a "reduced" price for lunch, and still others receive a "free" lunch. Program regulations require students receiving free lunches to live in households with incomes below 125 percent of the

official poverty level. Those students receiving a reduced- price school lunch (10 to 20 cents per meal) live in households with incomes between 125 percent and
195 percent of the official poverty level. The data in this file, however, do not distinguish between recipiency of free and reduced-price school lunches.

The questions on the ASEC supplement provide a very limited amount of data for the school lunch program. Questions concerning the school lunch program were designed to identify the number of members 5 to 18 years old in households who "usually" ate a hot lunch. This defined the universe of household members usually receiving this noncash benefit. This was followed by a question to identify the number of members receiving free or reduced price lunches.

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

Secondary Individuals
A roomer, boarder, or resident employee with no relatives in the household, or a group quarters member who has no relatives living with him/her.

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

Topcode
For confidentiality purposes, usual hourly earnings from the current job and earnings from the longest job are topcoded (i.e., cut off at a particular amount).

Refer to Appendix F for an explanation and topcode values of hourly earnings from the current job. Earnings from the longest job are collected during enumeration up to any amount; however, the amount is topcoded on the public use file. (See page 5-1 for more information.) From the supplement, total person's income is the sum of the amounts from the individual income types; total family income is the sum of the total person’s income for each family member; total household income is the sum of the total income for each person in the household.

Total Money Income
The term is defined as the arithmetic sum of money wages and salaries, net income from self-employment, and income other than earnings. The total income of a household is the arithmetic sum of the amounts received by all income recipients in the household.

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

Unemployed
(See Labor Force.)

Unemployment Compensation
(See Income.)

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

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

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

Persons living with relatives in group quarters were formerly considered as members of families. However, the number of such unrelated subfamilies is so small that persons in these unrelated subfamilies are included in the count of secondary individuals.

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

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

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

Weeks Worked in the Previous Year
Persons are classified according to the number of different weeks, during the preceding calendar year, in which they did any civilian work for pay or profit (including paid vacations and sick leave) or worked without pay on a family-operated farm or business.

Workers
(See Labor Force--Employed.)

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

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

Geographic Concepts

Geographic Division
An area composed of contiguous States, with Alaska and Hawaii also included in one of the divisions. (A State is one of the 51 major political units in the United States.) The nine geographic divisions have been largely unchanged for the presentation of summary statistics since the 1910 census.

Regions
There are four regions: Northeast, Midwest (formerly North Central)[1], West, and South. States and divisions within regions are presented in the tables below.

NORTHEAST REGION	
New England Division	*Middle Atlantic Division*
Connecticut	New Jersey
Maine	New York
Massachusetts	Pennsylvania
New Hampshire	
Rhode Island	
Vermont	

MIDWEST REGION	
East North Central Division	*West North Central Division*
Illinois	Iowa
Indiana	Kansas
Michigan	Minnesota
Ohio	Missouri
Wisconsin	Nebraska
	North Dakota
	South Dakota

MIDWEST REGION	
Mountain Division	*Pacific Division*
Arizona	Alaska
Colorado	California
Idaho	Hawaii
Montana	Oregon
Nevada	Washington
Utah	
Wyoming	
New Mexico	

[1] The Midwest Region was designated as the North Central Region until June 1964

SOUTH REGION		
East South Central Division	*West South Central Division*	*South Atlantic Division*
Alabama	Arkansas	Delaware
Kentucky	Louisiana	District of Columbia
Mississippi	Oklahoma	Florida
Tennessee	Texas	Georgia
		Maryland
		North Carolina
		South Carolina
		Virginia
		West Virginia

APPENDIX A

INDUSTRY CLASSIFICATION

Industry Classification Codes for Detailed Industry (4 digit)
(Starting January 2020)

These categories are aggregated into 52 detailed groups and 14 major groups (see pages 10-13 of this attachment).

These codes correspond to items PEIOIND and INDUSTRY. See Appendix F of this document for ascii file locations. The codes in the right hand column are the NAICS equivalent.

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

CENSUS CODE	DESCRIPTION	NAICS CODE
	Construction	
0770	** Construction (Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction)	23
	Manufacturing **Nondurable Goods manufacturing**	
1070	Animal food, grain and oilseed milling	3111, 3112
1080	Sugar and confectionery products	3113
1090	Fruit and vegetable preserving and specialty food manufacturing	3114
1170	Dairy product manufacturing	3115
1180	Animal slaughtering and processing	3116
1190	Retail bakeries	311811
1270	Bakeries, except retail	3118 exc. 311811
1280	Seafood and other miscellaneous foods, n.e.c.	3117, 3119
1290	Not specified food industries	Part of 311
1370	Beverage manufacturing	3121
1390	Tobacco manufacturing	3122
1470	Fiber, yarn, and thread mills	3131
1480	Fabric mills, except knitting	3132 exc. 31324
1490	Textile and fabric finishing and coating mills	3133
1570	Carpet and rug mills	31411
1590	Textile product mills, except carpets and rugs	314 exc. 31411
1670	Knitting mills	31324, 3151
1691	Cut and sew apparel manufacturing, apparel accessories, and other apparel manf.	3152, 3159
1770	Footwear manufacturing	3162
1790	Leather tanning and products, except footwear manufacturing	3161, 3169
1870	Pulp, paper, and paperboard mills	3221
1880	Paperboard containers and boxes	32221
1890	Miscellaneous paper and pulp products	32222, 32223, 32229
1990	Printing and related support activities	3231
2070	Petroleum refining	32411
2090	Miscellaneous petroleum and coal products	32419
2170	Resin, synthetic rubber and fibers, and filaments manufacturing	3252
2180	Agricultural chemical manufacturing	3253
2190	Pharmaceutical and medicine manufacturing	3254
2270	Paint, coating, and adhesive manufacturing B46	3255
2280	Soap, cleaning compound, and cosmetics manufacturing	3256
2290	Industrial and miscellaneous chemicals	3251, 3259
2370	Plastics product manufacturing	3261
2380	Tire manufacturing	32621
2390	Rubber products, except tires, manufacturing	32622, 32629

CENSUS CODE	DESCRIPTION	NAICS CODE
	Durable Goods Manufacturing	
2470	Pottery, ceramics, and related products manufacturing	32711
2480	Structural clay product manufacturing	32712
2490	Glass and glass product manufacturing	3272
2570	Cement, concrete, lime, and gypsum product manufacturing	3273, 3274
2590	Miscellaneous nonmetallic mineral product manufacturing	3279
2670	Iron and steel mills and steel product manufacturing	3311, 3312
2680	Aluminum production and processing	3313
2690	Nonferrous metal, except aluminum, production and processing	3314
2770	Foundries	3315
2780	Metal forgings and stampings	3321
2790	Cutlery and hand tool manufacturing	3322
2870	Structural metals, and tank and shipping container manufacturing	3323, 3324
2880	Machine shops; turned product; screw, nut and bolt manufacturing	3327
2890	Coating, engraving, heat treating and allied activities	3328
2970	Ordnance	332992 to 332995
2980	Miscellaneous fabricated metal products manufacturing	3325, 3326, 3329 exc. 332992, 332993, 332994, 332995
2990	Not specified metal industries	Part of 331 and 332
3070	Agricultural implement manufacturing	33311
3080	Construction, mining and oil field machinery manufacturing	33312, 33313
3095	Commercial and service industry machinery manufacturing	3333
3170	Metalworking machinery manufacturing	3335
3180	Engines, turbines, and power transmission equipment manufacturing	3336
3291	"Machinery manufacturing, n.e.c. or not specified"	3332, 3334, 3339, Part of 333
3365	Computer and peripheral equipment manufacturing	3341
3370	Communications, audio, and video equipment manufacturing	3342, 3343
3380	Navigational, measuring, electromedical, and control instruments manufacturing	3345
3390	Electronic component and product manufacturing, n.e.c.	3344, 3346
3470	Household appliance manufacturing	3352
3490	Electrical lighting, equipment, and supplies manufacturing, n.e.c.	3351, 3353, 3359
3570	Motor vehicles and motor vehicle equipment manufacturing	3361, 3362, 3363
3580	Aircraft and parts manufacturing	336411 to 336413
3590	Aerospace products and parts manufacturing	336414, 336415, 336419
3670	Railroad rolling stock manufacturing	3365
3680	Ship and boat building	3366
3690	Other transportation equipment manufacturing	3369

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

CENSUS CODE	DESCRIPTION	NAICS CODE
	Retail Trade	
4670	Automobile dealers	4411
4680	Other motor vehicle dealers	4412
4690	Auto parts, accessories, and tire stores	4413
4770	Furniture and home furnishings stores	442
4780	Household appliance stores	443141
4795	Electronics stores	443142
4870	Building material and supplies dealers	4441 exc. 44413
4880	Hardware stores	44413
4890	Lawn and garden equipment and supplies stores	4442
4971	"Supermarkets and Other Grocery (except Convenience) Stores"	44511
4972	Convenience Stores	44512
4980	Specialty food stores	4452
4990	Beer, wine, and liquor stores	4453
5070	Pharmacies and drug stores	4461
5080	Health and personal care, except drug, stores	446 exc. 44611
5090	Gasoline stations	447
5170	Clothing and accessories, except shoe, stores	448 exc. 44821, 4483
5180	Shoe stores	44821
5190	Jewelry, luggage, and leather goods stores	4483
5275	Sporting goods, and hobby and toy stores	45111, 45112
5280	Sewing, needlework, and piece goods stores	45113
5295	Musical instrument and supplies stores	45114
5370	Book stores and news dealers	45121
5381	Department stores	45221
5391	General merchandise stores, including warehouse clubs and supercenters	4523
5470	Retail florists	4531
5480	Office supplies and stationery stores	45321
5490	Used merchandise stores	4533
5570	Gift, novelty, and souvenir shops	45322
5580	Miscellaneous retail stores	4539
5593	Electronic shopping and mail-order houses	454110
5670	Vending machine operators	4542
5680	Fuel dealers	45431
5690	Other direct selling establishments	45439
5790	Not specified retail trade	Part of 44, 45

CENSUS CODE	DESCRIPTION	NAICS CODE
	Transportation and Warehousing	
6070	Air transportation	481
6080	Rail transportation	482
6090	Water transportation	483
6170	Truck transportation	484
6180	Bus service and urban transit	4851, 4852, 4854, 4855, 4859
6190	Taxi and limousine service	4853
6270	Pipeline transportation	486
6280	Scenic and sightseeing transportation	487
6290	Services incidental to transportation	488
6370	Postal Service	491
6380	Couriers and messengers	492
6390	Warehousing and storage	493
	Information	
6470	Newspaper publishers	51111
6480	Publishing, except newspapers and software	5111 exc. 51111
6490	Software publishing	5112
6570	Motion pictures and video industries	5121
6590	Sound recording industries	5122
6670	Radio and television broadcasting and cable	515
6672	Internet Publishing and Broadcasting	51913
6680	Wired telecommunications carriers	517311
6690	Other telecommunications services	517 exc. 517311
6695	Data processing, hosting, and related services	518
6770	Libraries and archives	51912
6780	Other information services	5191 exc. 51912, 51913
	Finance, Insurance, Real Estate, and Rental and Leasing	
	Finance and Insurance	
6870	Banking and related activities	521, 52211, 52219
6880	Savings institutions, including credit unions	52212, 52213
6890	Non-depository credit and related activities	5222, 5223
6970	Securities, commodities, funds, trusts, and other financial investments	523, 525
6991	Insurance carriers	5241
6992	Agencies, brokerages, and other insurance related activities	5242

CENSUS CODE	DESCRIPTION	NAICS CODE
	Real Estate and Rental and Leasing	
7071	Lessors of real estate, and offices of real estate agents and brokers	5311, 5312
7072	Real estate property managers, offices of real estate appraisers, and other activities related to real estate	5313
7080	Automotive equipment rental and leasing	5321
7181	Other consumer goods rental	53221, 532281, 532282, 532283
7190	Commercial, industrial, and other intangible assets rental and leasing	5324, 533

Professional, Scientific, Management, Administrative, and Waste management services

	Professional, Scientific, and Technical Services	
7270	Legal services	5411
7280	Accounting, tax preparation, bookkeeping, and payroll services	5412
7290	Architectural, engineering, and related services	5413
7370	Specialized design services	5414
7380	Computer systems design and related services	5415
7390	Management, scientific, and technical consulting services	5416
7460	Scientific research and development services	5417
7470	Advertising and related services	5418
7480	Veterinary services	54194
7490	Other professional, scientific, and technical services	5419 exc. 54194
	Management, Administrative and Support, and Waste Management Services	
	Management of companies and enterprises	
7570	Management of companies and enterprises	551
	Administrative and support and waste management services	
7580	Employment services	5613
7590	Business support services	5614
7670	Travel arrangements and reservation services	5615
7680	Investigation and security services	5616
7690	Services to buildings and dwellings	5617 exc. 56173
	(except cleaning during construction and immediately after construction)	7770
7770	Landscaping services	56173
7780	Other administrative and other support services	5611, 5612, 5619
7790	Waste management and remediation services	562

CENSUS CODE	DESCRIPTION	NAICS CODE
	Educational, Health and Social Services	
	Educational Services	
7860	Elementary and secondary schools	6111
7870	Colleges and universities, including junior colleges	6112, 6113
7880	Business, technical, and trade schools and training	6114, 6115
7890	Other schools, instruction, and educational services	6116, 6117
	Health Care and Social Assistance	
7970	Offices of physicians	6211
7980	Offices of dentists	6212
7990	Offices of chiropractors	62131
8070	Offices of optometrists	62132
8080	Offices of other health practitioners	6213 exc. 62131, 62132
8090	Outpatient care centers	6214
8170	Home health care services	6216
8180	Other health care services	6215, 6219
8191	General medical and surgical hospitals, and specialty (except psychiatric and substance abuse) hospitals	6221, 6223
8192	Psychiatric and substance abuse hospitals	6222
8270	Nursing care facilities	6231
8290	Residential care facilities, without nursing	6232, 6233, 6239
8370	Individual and family services	6241
8380	Community food and housing, and emergency services	6242
8390	Vocational rehabilitation services	6243
8470	Child day care services	6244
	Arts, Entertainment, Recreation, Accommodation, and Food Services	
	Arts, Entertainment, and Recreation	
8561	Performing arts companies	7111
8562	Spectator sports	7112
8563	Promoters of performing arts, sports, and similar events, agents and managers for artists, athletes	7113, 7114
8564	Independent artists, writers, and performers	7115
8570	Museums, art galleries, historical sites, and similar institutions	712
8580	Bowling centers	71395
8590	Other amusement, gambling, and recreation industries	713 exc. 71395
	Accommodation and Food Service	
8660	Traveler accommodation	7211
8670	Recreational vehicle parks and camps, and rooming and boardinghouses, dormitories, and workers' camps	7212, 7213
8680	Restaurants and other food services	722 exc. 7224
8690	Drinking places, alcoholic beverages	7224

CENSUS CODE	DESCRIPTION	NAICS CODE
	Other Services (Except Public Administration)	
8770	Automotive repair and maintenance	8111 exc. 811192
8780	Car washes	811192
8790	Electronic and precision equipment repair and maintenance	8112
8870	Commercial and industrial machinery and equipment repair and maintenance	8113
8891	Personal and household goods repair and maintenance	8114
8970	Barber shops	812111
8980	Beauty salons	812112
8990	Nail salons and other personal care services	812113, 81219
9070	Dry cleaning and laundry services	8123
9080	Funeral homes, cemeteries, and crematories	8122
9090	Other personal services	8129
9160	Religious organizations	8131
9170	Civic, social, advocacy organizations, and grant making and giving services	8132, 8133, 8134
9180	Labor unions	81393
9190	Business, professional, political, and similar organizations	8139 exc. 81393
9290	Private households	814
	Public Administration	
9370	Executive offices and legislative bodies	92111, 92112, 92114, pt. 92115
9380	Public finance activities	92113
9390	Other general government and support	92119
9470	Justice, public order, and safety activities	922, pt. 92115
9480	Administration of human resource programs	923
9490	Administration of environmental quality and housing programs	924, 925
9570	Administration of economic programs and space research	926, 927
9590	National security and international affairs	925
	Armed Forces	
9890	Armed Forces	9281

Detailed Industry Recodes
(01-52)

These codes correspond to item A_DTIND. See Appendix F 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
42	Health care services, except hospitals	7970 - 8180,

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

Detailed Industry Recodes
(01-23)

These codes correspond to item WEIND. See Appendix F of this document for the ascii file location.

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture, forestry, fishing, and hunting	0170-0290
2	Mining	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	7070-7190
13	Professional, scientific, & technical services	7270-7490
14	Management, 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	8560-8590
18	Accommodations and food service	8660-8690
19	Private households	9290
20	Other services, except private households	8770-9190
21	Public administration	9370-9590
22	Armed forces and active duty military	9670-9890
23	Never Worked	

Major Industry Recodes
(01-15)

These codes correspond to items A_MJIND and WEMIND. See Appendix F of this document for the ascii file location.

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture, forestry, fishing, and hunting	0170-0290
2	Mining	0370-0490
3	Construction	0770
4	Manufacturing	1070-3990
5	Wholesale and retail trade	4070-5790
6	Transportation and utilities	6070-6390, 0570-0690
7	Information	6470-6780
8	Financial activities	6870-7190
9	Professional and business services	7270-7790
10	Educational and health services	7860-8470
11	Leisure and hospitality	8560-8690
12	Other services	8770-9290
13	Public administration	9370-9590
14	Armed Forces	9890
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 14-18 of this appendix).

These codes correspond to items PEIOOCC and OCCUP. See Appendix F of this document for the ascii file locations. These codes are also applicable for any other CPS supplements that collect occupation data. The codes in the right hand column are the 2018 SOC equivalent.

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
Management, Business, Science, and Arts Occupations		
	Management Occupations	
0010	Chief executives	11-1011
0020	General and operations managers	11-1021
0040	Advertising and promotions managers	11-2011
0051	Marketing Managers	11-2021
0052	Sales managers	11-2022
0060	Public relations and fundraising managers	11-2030
0101	Administrative services managers	11-3012
0102	Facilities managers	11-3013
0110	Computer and information systems managers	11-3021
0120	Financial managers	11-3031
0135	Compensation and benefits managers	11-3111
0136	Human resources managers	11-3121
0137	Training and development managers	11-3131
0140	Industrial production managers	11-3051
0150	Purchasing managers	11-3061
0160	Transportation, storage, and distribution managers	11-3071
0205	Farmers, ranchers, and other agricultural managers	11-9013
0220	Construction managers	11-9021
0230	Education and childcare administrators	11-9030
0300	Engineering managers	11-9041
0310	Food service managers	11-9051
0335	Entertainment and recreation managers	11-9070
0340	Lodging managers	11-9081
0350	Medical and health services managers	11-9111
0360	Natural sciences managers	11-9121
0410	Property, real estate, and community association managers	11-9141
0420	Social and community service managers	11-9151
0425	Emergency management directors	11-9161
0440	Managers, all other	11-9199

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
0430	Managers, all other	11-9161

Business and Financial Operations Occupations

0500	Agents and business managers of artists, performers, and athletes	13-1011
0510	Purchasing agents and buyers, farm products	13-1021
0520	Wholesale and retail buyers, except farm products	13-1022
0530	Purchasing agents, except wholesale, retail, and farm products	13-1023
0540	Claims adjusters, appraisers, examiners, and investigators	13-1030
0565	Compliance officers	13-1041
0600	Cost estimators	13-1051
0630	Human resource workers	13-1070
0640	Compensation, benefits, and job analysis specialists	13-1141
0650	Training and development specialists	13-1151
0700	Logisticians	13-1081
0705	Project management specialists	13-1082
0710	Management analysts	13-1111
0725	Meeting, convention, and event planners	13-1121
0726	Fundraisers	13-1131
0735	Market research analysts and marketing specialists	13-1161
0750	Business operations specialists, all other	13-1199
0800	Accountants and auditors	13-2011
0810	Property appraisers and assessors	13-2020
0820	Budget analysts	13-2031
0830	Credit analysts	13-2041
0845	Financial and investment analysts	13-2051
0850	Personal financial advisors	13-2052
0860	Insurance underwriters	13-2053
0900	Financial examiners	13-2061
0910	Loan counselors and officers	13-2070
0930	Tax examiners, collectors, and revenue agents	13-2081
0940	Tax preparers	13-2082
0960	Other financial specialists	13-2099

Computer, Engineering, and Science Occupations

Computer and Mathematical Occupations

1005	Computer and information research scientists	15-1221
1006	Computer systems analysts	15-1211
1007	Information security analysts	15-1212
1010	Computer programmers	15-1251
1021	Software developers	15-1252
1022	Software quality assurance analysts and testers	15-1253
1031	Web developers	15-1254
1032	Web or digital interface designers	15-1255
1050	Computer support specialists	15-1230
1065	Database administrators and architects	15-124X
1105	Network and computer systems administrators	15-1244
1106	Computer network architects	15-1241

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
1108	Computer occupations, all other	15-1199
1200	Actuaries	15-2011
1220	Operations research analysts	15-2031
1240	Other mathematical science occupations	15-20XX
	Architecture and Engineering Occupations	
1300	Architects, except landscape and naval	17-1011
1306	Landscape architects	17-1012
1310	Surveyors, cartographers, and photogrammetrists	17-1020
1320	Aerospace engineers	17-2011
1340	Agricultural and biomedical engineers	17-20XX
1350	Chemical engineers	17-2041
1360	Civil engineers	17-2051
1400	Computer hardware engineers	17-2061
1410	Electrical and electronic engineers	17-2070
1420	Environmental engineers	17-2081
1430	Industrial engineers, including health and safety	17-2110
1440	Marine engineers and naval architects	17-2121
1450	Materials engineers	17-2131
1460	Mechanical engineers	17-2141
1500	Mining and geological engineers, including mining safety engineers	17-2151
1520	Petroleum engineers	17-2171
1530	Engineers, all other	17-2199
1541	Architectural and civil drafters	17-3011
1545	Other drafters	17-301X
1551	Electrical and electronic engineering technologists and technicians	17-3023
1555	Other engineering technologists and technicians, except drafters	17-302X
1560	Surveying and mapping technicians	17-3031
	Life, Physical, and Social Science Occupations	
1600	Agricultural and food scientists	19-1010
1610	Biological scientists	19-1020
1640	Conservation scientists and foresters	19-1030
1650	Medical scientists and life scientists, all other	19-10XX
1700	Astronomers and physicists	19-2010
1710	Atmospheric and space scientists	19-2021
1720	Chemists and materials scientists	19-2030
1740	Environmental scientists and geoscientists	19-2040
1760	Physical scientists, all other	19-2099
1800	Economists	19-3011
1820	Psychologists	19-3030
1840	Urban and regional planners	19-3051
1860	Miscellaneous social scientists, including survey researchers and sociologists	19-30XX
1900	Agricultural and food science technicians	19-4010
1910	Biological technicians	19-4021
1920	Chemical technicians	19-4031
1935	Geoscience and environmental science technicians	19-4040

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
1970	Other life, physical, and social science technicians	19-40XX
1980	Occupational health and safety specialists and technicians	19-5010

Education, Legal, Community Service, Arts, and Media Occupations

Community and Social Services Occupations

2001	Substance abuse and behavioral disorder counselors	21-1011
2002	Educational, guidance, and career counselors and advisors	21-1012
2003	Marriage and family therapists	21-1013
2004	Mental health counselors	21-1014
2005	Rehabilitation counselors	21-1015
2006	Counselors, all other	21-1019
2011	Child, family, and school social workers	21-1021
2012	Healthcare social workers	21-1022
2013	Mental health and substance abuse social workers	21-1023
2014	Social workers, all other	21-1029
2015	Probation officers and correctional treatment specialists	21-1092
2016	Social and human service assistants	21-1093
2025	Other community and social service specialists	21-109X
2040	Clergy	21-2011
2050	Directors, religious activities and education	21-2021
2060	Religious workers, all other	21-2099

Legal Occupations

2100	Lawyers	23-1011
2105	Judicial law clerks	23-1012
2145	Paralegals and legal assistants	23-2011
2170	Title examiners, abstractors, and searchers	23-2093
2180	Legal support workers, all other	23-2099

Education Instruction and Library Occupations

2205	Postsecondary teachers	25-1000
2300	Preschool and kindergarten teachers	25-2010
2310	Elementary and middle school teachers	25-2020
2320	Secondary school teachers	25-2030
2330	Special education teachers	25-2050
2340	Tutors	25-3041
2360	Other teachers and instructors	25-30XX
2400	Archivists, curators, and museum technicians	25-4010
2435	Librarians and media collections specialists	25-4022
2440	Library technicians	25-4031
2545	Teacher assistants	25-9040
2555	Other educational instruction and library workers	25-90XX

Arts, Design, Entertainment, Sports, and Media Occupations

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
2600	Artists and related workers	27-1010
2631	Commercial and industrial designers	27-1021
2632	Fashion designers	27-1022
2633	Floral designers	27-1023
2634	Graphic designers	27-1024
2635	Interior designers	27-1025
2636	Merchandise displayers and window trimmers	27-1026
2640	Other designers	27-10XX
2700	Actors	27-2011
2710	Producers and directors	27-2012
2721	Athletes and sports competitors	27-2021
2722	Coaches and scouts	27-2022
2723	Umpires, referees, and other sports officials	27-2023
2740	Dancers and choreographers	27-2030
2751	Music directors and composers	27-2041
2752	Musicians and singers	27-2042
2755	Disc jockeys, except radio disc jockeys	27-2091
2770	Entertainers and performers, sports and related workers, all other	27-2099
2805	Broadcast announcers and radio disc jockeys	27-3011
2810	News analysts, reporters, and journalists	27-3023
2825	Public relations specialists	27-3031
2830	Editors	27-3041
2840	Technical writers	27-3042
2850	Writers and authors	27-3043
2861	Interpreters and translators	27-3091
2862	Court reporters and simultaneous captioners	27-3092
2865	Media and communication workers, all other	27-3099
2905	Broadcast, sound, and lighting technicians	27-4010
2910	Photographers	27-4021
2920	Television, video, and film camera operators and editors	27-4030
2970	Media and communication equipment workers, all other	27-4099

Healthcare Practitioners and Technical Occupations

3000	Chiropractors	29-1011
3010	Dentists	29-1020
3030	Dietitians and nutritionists	29-1031
3040	Optometrists	29-1041
3050	Pharmacists	29-1051
3090	Other physicians	29-12XX
3100	Surgeons	29-1240
3110	Physician assistants	29-1071
3140	Audiologists	29-1181
3150	Occupational therapists	29-1122
3160	Physical therapists	29-1123
3200	Radiation therapists	29-1124
3210	Recreational therapists	29-1125
3220	Respiratory therapists	29-1126
3230	Speech-language pathologists	29-1127

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
3245	Exercise physiologists and therapists, all other	29-112X
3250	Veterinarians	29-1131
3255	Registered nurses	29-1141
3256	Nurse anesthetists	29-1151
3258	Acupuncturists	29-1291
3261	Nurse practitioners	29-1171
3270	Healthcare diagnosing or treating practitioners, all other	29-1299
3300	Clinical laboratory technologists and technicians	29-2010
3310	Dental hygienists	29-1292
3321	Cardiovascular technologists and technicians	29-2031
3322	Diagnostic medical sonographers	29-2032
3323	Radiologic technologists and technicians	29-2034
3324	Magnetic resonance imaging technologists	29-2035
3330	Nuclear medicine technologists and medical dosimetrists	29-203X
3401	Emergency medical technicians	29-2042
3402	Paramedics	29-2043
3421	Pharmacy technicians	29-2052
3422	Psychiatric technicians	29-2053
3423	Surgical technologists	29-2055
3424	Veterinary technologists and technicians	29-2058
3430	Dietetic technicians and ophthalmic medical technicians	29-205X
3500	Licensed practical and licensed vocational nurses	29-2061
3515	Medical records specialists	29-2072
3520	Opticians, dispensing	29-2081
3545	Miscellaneous health technologists and technicians	29-2090
3550	Other healthcare practitioners and technical occupations	29-9000

Service Occupations

Healthcare Support Occupations

3601	Home health aides	31-1121
3602	Personal care aides	31-1122
3603	Nursing assistants	31-1131
3605	Orderlies and psychiatric aides	31-113X
3610	Occupational therapist assistants and aides	31-2010
3620	Physical therapist assistants and aides	31-2020
3630	Massage therapists	31-9011
3640	Dental assistants	31-9091
3645	Medical assistants	31-9092
3646	Medical transcriptionists	31-9094
3647	Pharmacy aides	31-9095
3648	Veterinary assistants and laboratory animal caretakers	31-9096
3649	Phlebotomists	31-9097
3655	Other healthcare support workers	31-909X

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
	Protective Service Occupations	
3700	First-line supervisors of correctional officers	33-1011
3710	First-line supervisors of police and detectives	33-1012
3720	First-line supervisors of firefighting and prevention workers	33-1021
3725	First-line supervisors of security workers	33-1091
3735	First-line supervisors of protective service workers, all other	33-1099
3740	Firefighters	33-2011
3750	Fire inspectors	33-2020
3801	Bailiffs	33-3011
3802	Correctional officers and jailers	33-3012
3820	Detectives and criminal investigators	33-3021
3840	Parking enforcement workers	33-3041
3870	Police officers	33-3050
3900	Animal control workers	33-9011
3910	Private detectives and investigators	33-9021
3930	Security guards and gaming surveillance officers	33-9030
3940	Crossing guards and flaggers	33-9091
3945	Transportation security screeners	33-9093
3946	School bus monitors	33-9094
3960	Other protective service workers	33-909X
	Food Preparation and Serving Related Occupations	
4000	Chefs and head cooks	35-1011
4010	First-line supervisors of food preparation and serving workers	35-1012
4020	Cooks	35-2010
4030	Food preparation workers	35-2021
4040	Bartenders	35-3011
4055	Fast food and counter workers	35-3023
4110	Waiters and waitresses	35-3031
4120	Food servers, non-restaurant	35-3041
4130	Dining room and cafeteria attendants and bartender helpers	35-9011
4140	Dishwashers	35-9021
4150	Hosts and hostesses, restaurant, lounge, and coffee shop	35-9031
4160	Food preparation and serving related workers, all other	35-9099
	Building and Grounds Cleaning and Maintenance Occupations	
4200	First-line supervisors of housekeeping and janitorial workers	37-1011
4210	First-line supervisors of landscaping, lawn service, and grounds keeping workers	37-1012
4220	Janitors and building cleaners	31-201X
4230	Maids and housekeeping cleaners	37-2012
4240	Pest control workers	37-2021
4251	Landscaping and grounds keeping workers	37-3011
4252	Tree trimmers and pruners	37-3013
4255	Other grounds maintenance workers	37-301X

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
	Personal Care and Service Occupations	
4330	Supervisors of personal care and service workers	39-1010
4340	Animal caretakers	39-2021
4350	Animal trainers	39-2011
4400	Gaming services workers	39-3010
4420	Ushers, lobby attendants, and ticket takers	39-3031
4435	Embalmers, crematory operators and funeral attendants	39-40XX
4461	Other entertainment attendants and related workers 39-30XX	39-30XX
4465	Morticians, undertakers, and funeral arrangers	39-4031
4500	Barbers	39-5011
4510	Hairdressers, hairstylists, and cosmetologists	39-5012
4521	Manicurists and pedicurists	39-5092
4522	Skincare specialists	39-5094
4523	Other personal appearance workers	39-509X
4530	Baggage porters, bellhops, and concierges	39-6010
4540	Tour and travel guides	39-7010
4600	Child care workers	39-9011
4610	Personal and home care aides	39-9021
4621	Exercise trainers and group fitness instructors	39-9031
4622	Recreation workers	39-9032
4640	Residential advisors	39-9041
4655	Personal care and service workers, all other	39-9099

Sales and Office Occupations

	Sales and Related Occupations	
4700	First-line supervisors/managers of retail sales workers	41-1011
4710	First-line supervisors/managers of non-retail sales workers	41-1012
4720	Cashiers	41-2010
4740	Counter and rental clerks	41-2021
4750	Parts salespersons	41-2022
4760	Retail salespersons	41-2031
4800	Advertising sales agents	41-3011
4810	Insurance sales agents	41-3021
4820	Securities, commodities, and financial services sales agents	41-3031
4830	Travel agents	41-3041
4840	Sales representatives of services, except advertising, insurance, travel, and financial services	41-3099
4850	Sales representatives, wholesale and manufacturing	41-4010
4900	Models, demonstrators, and product promoters	41-9010
4920	Real estate brokers and sales agents	41-9020
4930	Sales engineers	41-9031
4940	Telemarketers	41-9041
4950	Door-to-door sales workers, news and street vendors, and related workers	41-9091
4965	Sales and related workers, all other	41-9099
	Office and Administrative Support Occupations	
5000	First-Line supervisors of office and administrative support workers	43-1011

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
5010	Switchboard operators, including answering service	43-2011
5020	Telephone operators	43-2021
5040	Communications equipment operators, all other	43-2099
5100	Bill and account collectors	43-3011
5110	Billing and posting clerks and machine operators	43-3021
5130	Gaming cage workers	43-3041
5140	Payroll and timekeeping clerks	43-3051
5150	Procurement clerks	43-3061
5160	Tellers	43-3071
5165	Financial clerks, all other	43-3099
5220	Court, municipal, and license clerks	43-4031
5230	Credit authorizers, checkers, and clerks	43-4041
5240	Customer service representatives	43-4051
5250	Eligibility interviewers, government programs	43-4061
5260	File Clerks	43-4071
5300	Hotel, motel, and resort desk clerks	43-4081
5310	Interviewers, except eligibility and loan	43-4111
5320	Library assistants, clerical	43-4121
5330	Loan interviewers and clerks	43-4131
5340	New accounts clerks	43-4141
5350	Order clerks	43-4151
5360	Human resources assistants, except payroll and timekeeping	43-4161
5400	Receptionists and information clerks	43-4171
5410	Reservation and transportation ticket agents and travel clerks	43-4181
5420	Information and record clerks, all other	43-4199
5500	Cargo and freight agents	43-5011
5510	Couriers and messengers	43-5021
5521	Public safety telecommunicators	43-5031
5522	Dispatchers, except police, fire, and ambulance	43-5032
5530	Meter readers, utilities	43-5041
5540	Postal service clerks	43-5051
5550	Postal service mail carriers	43-5052
5560	Postal service mail sorters, processors, and processing machine operators	43-5053
5600	Production, planning, and expediting clerks	43-5061
5610	Shipping, receiving, and inventory clerks	43-5071
5630	Weighers, measurers, checkers, and samplers, recordkeeping	43-5111
5710	Executive secretaries and executive administrative assistants	43-6011
5720	Legal secretaries and administrative assistants	43-6012
5730	Medical secretaries and administrative assistants	43-6013
5740	Secretaries and administrative assistants, except legal, medical, and executive	43-6014
5800	Computer operators	43-9011
5810	Data entry keyers	43-9021
5820	Word processors and typists	43-9022
5840	Insurance claims and policy processing clerks	43-9041
5850	Mail clerks and mail machine operators, except postal service	43-9051
5860	Office clerks, general	43-9061
5900	Office machine operators, except computer	43-9071
5910	Proofreaders and copy markers	43-9081
5920	Statistical assistants	43-9111

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
5940	Office and administrative support workers, including desktop publishers	43-9199

Natural Resources, Construction, and Maintenance Occupations

Farming, Fishing, and Forestry Occupations

6005	First-line supervisors of farming, fishing, and forestry workers	45-1011
6010	Agricultural inspectors	45-2011
6020	Animal breeders	45-2021
6040	Graders and sorters, agricultural products	45-2041
6050	Miscellaneous agricultural workers	45-2090
6115	Fishing and hunting workers	45-3031
6120	Forest and conservation workers	45-4011
6130	Logging workers	45-4020

Construction Trades

6200	First-line supervisors/managers of construction trades and extraction workers	47-1011
6210	Boilermakers	47-2011
6220	Brickmasons, blockmasons, and stonemasons	47-2020
6230	Carpenters	47-2031
6240	Carpet, floor, and tile installers and finishers	47-2040
6250	Cement masons, concrete finishers, and terrazzo workers	47-2050
6260	Construction laborers	47-2061
6305	Construction equipment operators	47-2070
6330	Drywall installers, ceiling tile installers, and tapers	47-2080
6355	Electricians	47-2111
6360	Glaziers	47-2121
6400	Insulation workers	47-2130
6410	Painters and paperhangers	47-2140
6441	Pipelayers	47-2151
6442	Plumbers, pipefitters, and steamfitters	47-2152
6460	Plasterers and stucco masons	47-2161
6500	Reinforcing iron and rebar workers	47-2171
6515	Roofers	47-2181
6520	Sheet metal workers	47-2211
6530	Structural iron and steel workers	47-2221
6600	Helpers, construction trades	47-3010
6660	Construction and building inspectors	47-4011
6700	Elevator installers and repairers	47-4021
6710	Fence erectors	47-4031
6720	Hazardous materials removal workers	47-4041
6730	Highway maintenance workers	47-4051
6740	Rail-track laying and maintenance equipment operators	47-4061
6765	Miscellaneous construction and related workers, including photovoltaic installers	47-4090
6800	Derrick, rotary drill, and service unit operators, oil and gas	47-5010
6825	Earth drillers, except oil and gas	47-5023
6835	Explosives workers, ordnance handling experts, and blasters	47-5032
6850	Underground mining machine operators	47-5040
6950	Other extraction workers	47-50XX

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
	Installation, Maintenance, and Repair Workers	
7000	First-line supervisors of mechanics, installers, and repairers	49-1011
7010	Computer, automated teller, and office machine repairers	49-2011
7020	Radio and telecommunications equipment installers and repairers	49-2020
7030	Avionics technicians	49-2091
7040	Electric motor, power tool, and related repairers	49-2092
7100	Electrical and electronics repairers, industrial and utility	49-209X
7120	Electronic home entertainment equipment installers and repairers	49-2097
7130	Security and fire alarm systems installers	49-2098
7140	Aircraft mechanics and service technicians	49-3011
7150	Automotive body and related repairers	49-3021
7160	Automotive glass installers and repairers	49-3022
7200	Automotive service technicians and mechanics	49-3023
7210	Bus and truck mechanics and diesel engine specialists	49-3031
7220	Heavy vehicle and mobile equipment service technicians and mechanics	49-3040
7240	Small engine mechanics	49-3050
7260	Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	49-3090
7300	Control and valve installers and repairers	49-9010
7315	Heating, air conditioning, and refrigeration mechanics and installers	49-9021
7320	Home appliance repairers	49-9031
7330	Industrial and refractory machinery mechanics	49-904X
7340	Maintenance and repair workers, general	49-9071
7350	Maintenance workers, machinery	49-9043
7360	Millwrights	49-9044
7410	Electrical power-line installers and repairers	49-9051
7420	Telecommunications line installers and repairers	49-9052
7430	Precision instrument and equipment repairers	49-9060
7510	Coin, vending, and amusement machine servicers and repairers	49-9091
7540	Locksmiths and safe repairers	49-9094
7560	Riggers	49-9096
7610	Helpers--installation, maintenance, and repair workers	49-9098
7640	Other installation, maintenance, and repair workers	49-909X

Production, Transportation, and Material Moving Occupations

	Production Occupations	
7700	First-line supervisors of production and operating workers	51-1011
7720	Electrical, electronics, and electromechanical assemblers	51-2020
7730	Engine and other machine assemblers	51-2031
7740	Structural metal fabricators and fitters	51-2041
7750	Other assemblers and fabricators	51-20XX
7800	Bakers	51-3011
7810	Butchers and other meat, poultry, and fish processing workers	51-3020
7830	Food and tobacco roasting, baking, and drying machine operators and tenders	51-3091
7840	Food batchmakers	51-3092
7850	Food cooking machine operators and tenders	51-3093
7855	Food processing workers, all other	51-3099

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
7905	Forming machine setters, operators, and tenders, metal and plastic	51-4020
7925	Computer numerically controlled tool programmers and operators	51-9160
7950	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	51-4031
8000	Machinists	51-4041
8025	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	51-4033
8030	Other machine tool setters, operators, and tenders, metal and plastic	51-403X
8040	Metal furnace and kiln operators and tenders	51-4050
8060	Molders and molding machine setters, operators, and tenders, metal and plastic	51-4070
8100	Model makers and patternmakers, metal and plastic	51-4060
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	Shoe and leather workers	51-6040
8320	Pressers, textile, garment, and related materials	51-6021
8335	Sewing machine operators	51-6031
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	Water and liquid waste treatment plant and system operators	51-8031
8600	Other woodworkers	51-70XX
8610	Power plant operators, distributors, and dispatchers	51-8010
8620	Stationary engineers and boiler operators	51-8021
8630	Miscellaneous plant and system operators	51-8090
8640	Chemical processing machine setters, operators, and tenders	51-9010
8650	Crushing, grinding, polishing, mixing, and blending workers	51-9020
8710	Cutting workers	51-9030
8720	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	51-9041
8730	Furnace, kiln, oven, drier, and kettle operators and tenders	51-9051
8740	Inspectors, testers, sorters, samplers, and weighers	51-9061
8750	Jewelers and precious stone and metal workers	51-9071
8760	Dental and ophthalmic laboratory technicians and medical appliance technicians	51-9080
8800	Packaging and filling machine operators and tenders	51-9111
8810	Painting workers	51-9120
8830	Photographic process workers and processing machine operators	51-9130
8850	Adhesive bonding machine operators and tenders	51-9191
8865	Other production equipment operators and tenders	51-919X
8910	Etchers and engravers	51-9194
8920	Molders, shapers, and casters, except metal and plastic	51-9195
8930	Paper goods machine setters, operators, and tenders	51-9196
8940	Tire builders	51-9197

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
8950	Helpers--production workers	51-9198
8990	Other production workers	51-91XX

Transportation and Material Moving Occupations

Transportation Occupations

9005	Supervisors of transportation and material moving workers	53-1000
9030	Aircraft pilots and flight engineers	53-2010
9040	Air traffic controllers and airfield operations specialists	53-2020
9110	Ambulance drivers and attendants, except emergency medical technicians	53-3011
9121	Bus drivers, school	53-3051
9122	Bus drivers, transit and intercity	53-3052
9130	Driver/sales workers and truck drivers	53-3030
9141	Shuttle drivers and chauffeurs	53-3053
9142	Taxi drivers	53-3054
9150	Motor vehicle operators, all other	53-3099
9210	Locomotive engineers and operators	53-4010
9240	Railroad conductors and yardmasters	53-4031
9265	Other rail transportation workers	53-30XX
9300	Sailors and marine oilers	53-5011
9310	Ship and boat captains and operators	53-5020
9350	Parking attendants	53-6021
9365	Transportation service attendants	53-6030
9410	Transportation inspectors	53-6051
9415	Passenger attendants	53-6061
9430	Other transportation workers	53-60XX

Material Moving Occupations

9510	Crane and tower operators	53-7021
9570	Conveyor, dredge, and hoist and winch operators	53-70XX
9600	Industrial truck and tractor operators	53-7051
9610	Cleaners of vehicles and equipment	53-7061
9620	Laborers and freight, stock, and material movers, hand	53-7062
9630	Machine feeders and offbearers	53-7063
9640	Packers and packagers, hand	53-7064
9645	Stockers and order fillers	53-7065
9650	Pumping station operators	53-7070
9720	Refuse and recyclable material collectors	53-7081
9760	Other material moving workers	53-71XX

Military Specific Occupations

9840	Military Occupations	55-0000

Detailed Occupation Recodes
(01-53)

These codes correspond to item POCCU2. See Appendix F of this document for the ascii file location.

CODE	DESCRIPTION	OCCUPATION CODE
1	Chief executives, general operations/advertising/promotions/ marketing/ sales/ public relations/ administrative/ computer/ information systems/ and financial managers	0010-0120
2	Compensation and benefits/human resources/ industrial production/ purchasing/ transportation/ storage/ distribution/ farm/ ranch/ other agricultural managers, farmers & ranchers, and construction managers	0135-0220
3	Education administrators, engineering/ food service/ gaming/ lodging/ medical/ health/ natural sciences/ property/ real estate/ community association/ social/ community service managers, funeral directors, postmasters & mail superintendents, and all other managers	0230-0440
4	Agents & business managers of artists, performers, and athletes	500
5	Business operations specialists	0510-0750
6	Accountants and auditors	800
7	Financial specialists	0810-0960
8	Computer scientist, system analysts, information security analysts, computer programmers, computer software engineers, support specialist, database/ network/ computer systems administrators, network systems, data communication analysts, & network architects	1005-1108
9	Actuaries, mathematicians, operations research analysts, statisticians, misc. mathematical science occupations	1200-1240
10	Architects, except naval	1305,1306
11	Surveyors, cartographer, & photogrammetrists	1310
12	Aerospace/ agricultural/ biomedical/ chemical/ civil/ computer hardware/ electrical/ electronic/ environmental/ industrial/ marine/ material/ mechanical/ mining/ geological/ nuclear/ petroleum/ and all other engineers, naval architects, drafters, engineering/ surveying/ mapping technicians	1320-1560
13	Agricultural/ food/ biological/ conservation/ medical/ atmospheric/ space/ materials/ environmental/ physical/ all other scientists, astronomers, physicists, chemists, and geoscientists	1600-1760
14	Economists, market and survey researchers	1800-1815
15	Psychologists, sociologists, urban and regional planners misc. social scientists & related workers	1820-1860
16	Agricultural/ food science/ biological/ chemical/ geological/ petroleum/ nuclear/ other life/ physical/ social science technicians	1900-1980
17	Community and social services occupation	2000-2060
18	Lawyers, judges, magistrates, and other judicial workers	2100-2110
19	Paralegals & legal assistants, miscellaneous legal support workers	2145-2180
20	Postsecondary teachers	2205

CODE	DESCRIPTION	OCCUPATION CODE
21	Preschool & kindergarten/ elementary & middle school/ secondary school/ special education teachers and other teachers & instructors	2300-2360
22	Archivists, curators, museum technicians, librarians, library technicians, teacher assistants, and other education, training, & library workers	2400-2555
23	Arts, design, entertainment, sports, and media occupations	2600-2970
24	Chiropractors, dentists, dietitians, nutritionist, optometrists, pharmacists, physicians, surgeons, physician assistants, and podiatrists	3000-3120
25	Registered nurses/anesthetists/midwives/practitioners, audiologists, occupational/ physical/ radiation/ recreational/ respiratory/ all other therapists, speech-language pathologists	3140-3245, 3255-3258
26	Veterinarians	3250
27	Health diagnosing/ treating/ all other practitioners, clinical lab./ diagnostic related/ misc. health technologists & technicians, dental hygienists, emergency/ medical records/ health info. technicians, paramedics, licensed practical & vocational nurses, opticians, and other healthcare practitioners	3260-3550
28	Nursing, psychiatric, & home health aides, occupational therapist assistants & aides, physical therapists, dental/ medical assistants, and other healthcare support occupations	3600-3655
29	First-line supervisors/ managers of correctional officers/ of police & detectives/ of fire fighting & prevention workers, supervisors, protective service workers, and all other	3700-3735
30	Fire fighters & inspectors, bailiffs, correctional officers, detectives & criminal investigators, fish & game wardens, parking enforcement workers, police & sheriff's patrol officers, and transit & railroad police	3740-3870
31	Animal control workers, private detectives and investigators, security guards & gaming surveillance officers, crossing guards, lifeguards, and other protective service	3900-3960
32	Chefs and head cooks, first line supervisors/ managers of food preparation and serving workers, cooks	4000-4020
33	Food preparation/ server workers, bartenders, counter attendants, waiters/ waitresses, food servers, dishwashers, hosts & hostesses	4030-4160
34	First-line supervisors/ managers of housekeeping and janitors workers/ of landscaping, lawn service, & grounds keeping workers	4200-4210
35	Janitors/ building/ maid/ housekeeping cleaners, pest control and grounds maintenance workers	4220-4255
36	First-line supervisors/ managers of gaming workers and of personal service workers	4300-4330
37	Animal trainers, nonfarm animal caretakers, gaming & funeral services/ child care/ recreation/ fitness/ personal care workers, motion picture projectionists, ushers, lobby attendants, ticket takers, barbers, hairdressers, hairstylists, cosmetologists, baggage porters, bellhops, concierges, personal & home care aides, residential advisors,... and other personal care/ service	4340-4655
38	First-line supervisors/ managers of retail/ non-retail sales workers	4700-4710

CODE	DESCRIPTION	OCCUPATION CODE
39	Cashiers, counter and rental clerks, parts & retail salespersons, advertising/ insurance/ financial services sales agents, sales representatives, travel agents, models, demonstrators, & product promoters, real estate brokers & sales agent, sales engineers, telemarketers, and all other sales & related workers	4720-4965
40	Office & admin. support occupations	5000-5940
41	Farming, fishing, & forestry occupations	6005-6130
42	First-line supervisors/ managers of construction trades & extraction workers, boilermakers, brick masons, block masons, and stonemasons	6200-6220
43	Carpenters	6230
44	Carpet, floor, & tile installers and finishers, cement masons, concrete finishers, & terrazzo workers, paving, surfacing, & tamping equipment operators, construction laborers, drywall installers, ceiling tile installers, and tapers	6240-6330
45	Electricians	6355
46	Glaziers, insulation workers, painter, construction & maintenance, paperhangers, painters, roofers, plumbers, sheet metal/ structural iron/ steel workers, elevator installer & repairers, fence erector, hazardous materials removal workers, highway maintenance/ misc. construction and related workers	6360-6765
47	Extraction workers	6800-6950
48	Installation, maintenance, & repair workers	7000-7640
49	Production occupations	7700-8990
50	Supervisors, transportation & material moving workers, aircraft pilots & flight engineers, air traffic controllers, airfield operations specialists & flight attendants	9000-9050
51	Ambulance drivers & attendants, bus/ taxi drivers, motor vehicle/ railroad operators, sailors, ship & boat captains, ship engineers, transportation inspectors, crane & tower operators, tank car/ truck/ ship loaders, and all other transportation & material moving occupations	9110-9760
52	Armed forces & military specific occupations	9800-9840
53	Never Worked	

Detailed Occupation Recodes
(01-24)

These codes correspond to item A_DTOCC and WEMOCG. See Appendix F of this document for the ascii file location.

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management occupations	0010-0440
2	Business and financial operations occupations	0500-0960
3	Computer and mathematical science occupations	1005-1240
4	Architecture and engineering occupations	1305-1560
5	Life, physical, and social science occupations	1600-1980
6	Community and social service occupation	2001-2060
7	Legal occupations	2100-2180
8	Education, training, and library occupations	2205-2550
9	Arts, design, entertainment, sports, and media occupations	2600-2970
10	Healthcare practitioner and technical occupations	3000-3550
11	Healthcare support occupations	3600-3655
12	Protective service occupations	3700-3960
13	Food preparation and serving related occupations	4000-4160
14	Building and grounds cleaning and maintenance occupations	4200-4255
15	Personal care and service occupations	4300-4655
16	Sales and related occupations	4700-4965
17	Office and administrative support occupations	5000-5940
18	Farming, fishing, and forestry occupations	6005-6130
19	Construction and extraction occupations	6200-6950
20	Installation, maintenance, and repair occupations	7000-7640
21	Production occupations	7700-8990
22	Transportation and material moving occupations	9005-9760
23	Armed Forces	9840
24[1]	Never Worked	

[11] Only applies to ASEC variable WEMOCG

Major Occupation Group Recodes
(01-11)

These these codes correspond to items A_MJOCC. See Appendix F of this document for the ascii file location.

CODE CODE	CODE DESCRIPTION	OCCUPATION
1	Management, business, and financial occupations	0010-0960
2	Professional and related occupations	1005-3550
3	Service occupations	3601-4655
4	Sales and related occupations	4700-4965
5	Office and administrative support occupations	5000-5940
6	Farming, fishing, and forestry occupations	6005-6130
7	Construction and extraction occupations	6200-6950
8	Installation, maintenance, and repair occupations	7000-7640
9	Production occupations	7700-8990
10	Transportation and material moving occupations	9005-9760
11	Armed Forces	9840

APPENDIX C

Weighted and Unweighted Counts

Category	Weighted	Unweighted
Total Persons	326,195	163,543
Total Family Reference Persons	88,843	45,397
Total Units	130,023	90,759
Interviewed Units (HHds * GQ)	130,023	62,850
Households (Family and NonFamily Householders)	129,931	62,812
Total Family Records in Households	151,510	73,105
Total Families (HHldr, Related, and Unrelated)	88,830	45,389
Family Householders With No Related Subfamilies	79,798	40,483
Family Householders With 1+ Related Subfamilies	4,109	2,278
Unrelated Subfamily	431	258
Related Subfamily	4,492	2,370
Total Unrelated Individuals	62,680	27,716
Nonfamily Householder	46,024	20,051
Other Persons Living With No Relatives	16,656	7,665
Total Person in Households	326,062	163,482
Civilians 15 Years and Older	265,047	128,435
Civilians Less Than 15 Years Old	59,926	34,426
Armed Forces Members	1,089	621
Group Quarters	92	38
Total Family Records In Group Quarters	108	46
Total Persons	133	61
Civilians 15 Years and Older	122	54
Civilians Less Than 15 Years Old	12	7
Armed Forces Members	0	0
Noninterviewed Units	0	27,909
Type A	0	16,455
Type B/C	0	11,454

2021 ANNUAL SOCIAL AND ECONOMIC SUPPLEMENT
CPS FIELD REPRESENTATIVE / CATI INTERVIEWER

ITEMS BOOKLET

This document does not contain any Title 13 data or other Personally Identifiable Information. All data are fictitious and any resemblance to actual data is coincidental. Consistent with Field Division Policy, any names referenced in practice interviews or other exercises are not meant to refer to any actual businesses, schools, group quarters, or persons, especially any current or former Census Bureau employees.

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1 BASIC CPS ITEMS

1.1 MOVER ITEMS

HH32b

Did (you/name of reference person) live at this address during the week of November 19, 2020?

1 Yes
2 No

HH32d

Did any of the following household members live here during the week of November 19, 2020?

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 2020?

1 Yes
2 No

Q29b

Did (you/he/she) do any temporary, part-time, or seasonal work even for a few days during 2020?

- Include any Military Reserves or National Guard work.

1 Yes
2 No

Q30

Even though (name/you) did not work in 2020, 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 2020?

- 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 2020 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 2020 because (you/he/she) (were/was) on layoff from a job or lost a job?

- Number of weeks worked in 2020: (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 2020?

* 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)

Q38sp

* Enter verbatim response

_____

Q39

For how many employers did (name/you) work in 2020?
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 2020, 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 2020?

- Number of weeks worked in 2020: (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 2020?

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 2020?))

* 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 2020)

_____

Q47b

What kind of business or industry is this?
For example: TV and radio manufacturing, retail shoe store, farm

(blank/*IO1IND:) (entry)
The current business or industry type is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/*If longest job last year is military job, enter NA)

_____

Q47b1

Is this business or organization mainly manufacturing, retail trade, wholesale trade, or something else?

(blank/*IO1MFG:) (entry)
The current business or organization type is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/*If longest job last year is military job, enter 4)

1 Manufacturing
2 Retail trade
3 Wholesale trade

4 Something else

Q47c

What kind of work (was/were) (you/he/she) doing?
For example: Electrical Engineer, Stock Clerk, Typist

(blank/ ✦ IO1OCC:) (entry)
The current occupation is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/ ✦ If longest job last year is military job, enter Armed Forces)

_____

Q47d1

What were (your/his/her) most important activities or duties?
For example: Types, keeps account books, files, sells cars, operates printing press, finishes concrete.

(blank/ ✦ IO1DT:) (entry)
The current job description is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/ ✦ If longest job last year is military job, enter NA)

_____

Q47d2

What were (your/his/her) most important activities or duties?
For example: Types, keeps account books, files, sells cars, operates printing press, finishes concrete.
(blank/ ✦ IO1DT:) (entry)
The current job description is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/ ✦ If longest job last year is military job, enter NA)

_____

Q47E1

✦ Ask Only If Necessary

(Were/Was) (you/he/she) employed by government, by a PRIVATE company, a nonprofit organization, or (was/were) (you/he/she) self-employed or working in a family business?

1 Government
2 Private for profit company
3 Non profit organization including tax exempt and charitable organizations

4 Self employed
5 Working in family business

Q47E1a

Would that be the federal, state, or local government?

1 Federal
2 State
3 Local (county, city, township)

Q47E1b

Was this business incorporated?

1 Yes
2 No

Q47E1c

(Were/Was) (you/name) the owner of the business?

1 Yes
2 No

Q4788

Counting all locations where (this employer/(name/you)) (operates/operate), what is the total number of persons who work for ((name's/your) employer)/name/you))?

* Read categories if necessary

1 under 10
2 10-49
3 50-99
4 100-499
5 500-999
6 1,000+

3 EARNED INCOME

The Earnings and Income question series include range follow-up questions presented anytime a respondent doesn't know or refuses to provide an exact dollar amount for a source they (or someone in the household) indicates as having received. Follow-up questions allow respondents that do not feel comfortable giving exact dollar values to report an income range. There are three sets of categories used for the income range follow-up questions: high-range, mid-range, and low-range. The income range used in the follow-up range questions depends on the source of the income. See Attachment A to

this items booklet for the three levels of income range follow up questions. See Attachment B for a table that displays the income source and the range level used for the follow-up questions.

Q48aa

How much did (name/you) earn from this employer before taxes and other deductions during 2020?

- 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 2020?

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 2020?

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 2020?

- (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 2020 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 2020 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 2020?

1 Yes
2 No

Q48aad

How much did (name/you) earn in tips, bonuses, overtime pay, or commissions from

this employer in 2020?

- 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 2020?

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 2020?

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 2020?

- 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 2020
- 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 2020?

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 2020?

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 2020?

- 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 2020?

- 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 2020?

- 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 2020.

_____

Q48b4

What were (name's/your) net earnings from this business/farm during the SECOND quarter of 2020?

- 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 2020.

_____

Q48b5

What were (name's/your) net earnings from this business/farm during the THIRD quarter of 2020?

- 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 2020.

_____

Q48b6

What were (name's/your) net earnings from this business/farm during the FOURTH quarter of 2020?

- 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 2020.

_____

Q48b7

Does this amount include all tips, bonuses, overtime pay, or commissions (name/you) may have received from this business in 2020?

1 Yes
2 No

Q48bad

How much did (name/you) earn in tips, bonuses, overtime pay, or commissions in 2020?

- 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 2020?

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 2020?

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 2020?

1 Yes
2 No

Q49b1d

How much did (name/you) earn from all other employers before taxes and other deductions during 2020?

- 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 2020?

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 2020?

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 2020?

- (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 2020. 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 2020?

- 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 2020?

1 Yes
2 No

Q49B1A

How much did (name/you) earn in tips, bonuses, overtime pay, or commissions from all other employers in 2020?

- 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 2020?

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 2020?

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 2020 did (you/anyone in the household) receive any State or Federal unemployment compensation?

- Do NOT include federal stimulus payments due to the Coronavirus pandemic.

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 2020 did (you/anyone in the household) receive any Supplemental Unemployment Benefits (SUB)?

- Do NOT include federal stimulus payments due to the Coronavirus pandemic.

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 2020 did (you/anyone in the household) receive any Union Unemployment or Strike Benefits?

- Do NOT include federal stimulus payments due to the Coronavirus pandemic.

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 2020 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**.
- Do NOT include federal stimulus payments due to the Coronavirus pandemic.

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 2020 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 2020?

- 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 2020?

- 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 2020?

- 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 2020?

1 Yes
2 No

4.3 SOCIAL SECURITY FOR CHILDREN (Source)

Q56f

Did anyone in this household receive any Social Security income in 2020 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 2020?

- 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 2020?

- 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 2020 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 2020?

- 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 2020 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 2020?

- 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 2020?

- 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 2020 (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 2020 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 2020 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 2020 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 2020, 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)?

- Do NOT include federal stimulus payments due to the Coronavirus pandemic.

Include cash from:	Don't include:
Welfare or welfare to work	Food stamps (SNAP)
TANF	SSI

AFDC/Aid to Families
General Assistance
Diversion payments
Refugee Cash
Gen Assist Indian Affairs
Energy assistance
WIC
School meals
Childcare
Education Assistance

1 Yes
2 No

Q59A89

Just to be sure, in 2020, did anyone receive CASH assistance from a state or county welfare program, on behalf of CHILDREN in the household?

- Do NOT include federal stimulus payments due to the Coronavirus pandemic.

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

- Do NOT include federal stimulus payments due to the Coronavirus pandemic.

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 2020, 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 2020, 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 2020?

- 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 2020 did (you/ anyone in this household) receive any pension income from a previous employer or union, (other than Social Security/ other VA benefits/ other than Social Security or VA benefits)?

- **PLEASE DO NOT INCLUDE DISTRIBUTIONS OR WITHDRAWALS FROM IRAs, 401(k)s, OR SIMILAR ACCOUNTS!**

1 Yes
2 No

Q62b

- Read only if necessary

Who received pension income?

- Enter all that apply, separate using the space bar or a comma.
- Probe: Anyone Else?

Enter persons line number (1-16)

Q62Cr

What was the source of (your/ NAME's) pension income? Did (you/he/she) have a pension from a:

- READ EACH CATEGORY.
- Enter all that apply, separate using the space bar or a comma.

1 Company
2 Union
3 Federal Government
4 State Government
5 Local Government
6 U.S. Military

7 Some other source

Q62DR

What was the source of (name's/your) other pension income?

Enter all that apply
Probe as needed: Who received this source?
Probe: Any Other pension income?

1 U.S. Railroad Retirement pension
2 Other source (specify) or “don’t know”

Q62Cs1

- Specify other source of pension income
- Enter "Other Pension" if the answer is "Don't Know"

4.12 ANNUITIES (Source)

Q96Ar

During 2020 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 2020 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 2020 (, 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 2020 outside of the retirement accounts.

At any time during 2020, 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 2020, 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 2020, 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 2020, 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 2020, 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 2020, 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 2020, 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 2020?

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 2020 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 2020 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 2020 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 2020 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 2020?

- 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 2020 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 2020 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?

- Do NOT include federal stimulus payments due to the Coronavirus pandemic.

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 2020.

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 2020?

* Do NOT include federal stimulus payments due to the Coronavirus pandemic.

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 2020?

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 2020?

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 2020 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 2020?

(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 2020. 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 2020?

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 2020?

* Do NOT include federal stimulus payments due to the Coronavirus pandemic.

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 2020?

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 2020?

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 2020 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 2020?

(1-12/1-24/1-26/1-52)

_____

Q51A23

According to my calculations (name/you) received (total) altogether from Supplemental Unemployment Benefits during 2020. 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 2020?

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 2020?

* Do NOT include federal stimulus payments due to the Coronavirus pandemic.

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 2020?

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 2020?

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 2020 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 2020?

(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 2020. 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 2020?

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 2020?

* Do NOT include federal stimulus payments due to the Coronavirus pandemic.

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 2020?

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 2020?

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 2020 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 2020?

(1-12/1-24/1-26/1-52)

_____

Q52c3

Then (name/you) received (total) altogether from Worker's Compensation during 2020. 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 2020?

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 2020?

- 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 2020?

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 2020?

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 2020?

(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 2020 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 2020. 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 2020?

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 2020?

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 2020?

(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 2020?

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 2020?

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 2020 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

BACKPAY1

During 2020, 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 2020. 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 2020?

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 2020?

* 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 2020?

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 2020?

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 2020?

* (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 2020 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 2020. 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 2020?

- 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 2020?

- 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 2020?

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 2020?

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 2020?

- (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 2020 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 2020. 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 2020?

- 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 2020?

- 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 2020?

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 2020?

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 2020?

- (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 2020 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 2020.
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 2020?

- 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 2020?

- 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 2020?

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 2020?

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 2020?

- 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 2020 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 2020. 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 2020?

- 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 2020?

* 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 2020?

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 2020?

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 2020?

- 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 2020 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 2020. 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 2020?

- 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 2020?

* 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 2020?

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 2020?

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 2020?

* (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 2020 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 2020. 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 2020?

- 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 2020?

- 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 2020?

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 2020?

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 2020?

- (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 2020 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 2020. 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 2020?

- 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 2020?

- 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 2020?

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 2020?

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 2020?

- (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 2020 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 2020. 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 2020?

- 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 2020?

- 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 2020?

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 2020?

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 2020?

- (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 2020 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 2020.

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 2020?

- 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 2020?

* 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 2020?

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 2020?

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 2020?

- (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 2020 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 2020. 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 2020?

- 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 2020, how much TOTAL CASH assistance did (name/you) receive (per week/every other week/twice a month/monthly): (fill from Q59C8r)?

- Do NOT include federal stimulus payments due to the Coronavirus pandemic.

- 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 2020?

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 2020?

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 2020?

- (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 2020 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 2020. 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 2020?

- 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 2020?

- Enter dollar amount

_____

Q90rn1

Could you tell me if the value of food assistance received in 2020 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 2020?

1 Less than $100
2 Between $100 and $500
3 Over $500

Q902

How many months was food assistance received in 2020?

- (1-12)

_____

Q90C2

- Do not read to the respondent.
- The annual rate appears out of range. The total food assistance payments received in 2020 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 2020. Does that sound about right?

1 Yes
2 No

Q904

What is your best estimate of the correct amount of food assistance received during 2020?

- 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 2020?

- 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 2020?

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 2020?

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 2020?

- 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 2020 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 2020. 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 2020?

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 2020?

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 2020?

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 2020?

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 2020?

- 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 2020 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 2020. 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 2020?

* 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 2020?

* 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 2020?

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 2020?

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 2020?

- (1-12; 1-52)

_____

ANNNEW4

According to my calculations (name/you) received $(total) dollars altogether from annuities in 2020. 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 2020?

- 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 2020: 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 2020?

- Enter dollar amount

  _____

DISTNEW3

How many (monthly/quarterly) withdrawals did (name/you) make or distributions did (name/you) receive in 2020 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 2020?

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 2020?

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 2020. 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 2020?

- 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 2020?

- 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 2020: 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 2020?

- Enter dollar amount

_____

DISTNEW8

How many (monthly/quarterly) withdrawals did (name/you) make or distributions did (name/you) receive in 2020 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 2020?

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 2020?

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 2020. 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 2020?

- 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 2020?

- 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 2020? 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 2020?

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 2020?

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 2020?

* 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 2020? 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 2020?

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 2020?

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 2020, 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 2020?

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 2020?

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 2020?

* 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 2020 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 2020. 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 2020?

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 2020?

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 2020?

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 2020?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

5.17 PROPERTY INCOME (Amounts)

Q65c

How much did (name/you) receive in income from rent (, roomers or boarders, estates, trusts, or royalties/, roomers or boarders, or royalties/, estates or trusts fill from Q65A1-3) AFTER EXPENSES during 2020?

- 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 2020.

_____

Q65crn1

Could you please tell me if (name/you) received:

less than $10,000
between $10,000 and $20,000
or over $20,000

for the TOTAL amount (name/you) received in income from rent (roomers or boarders, estates, trusts, or royalties/, roomers or boarders, or royalties/, estates or trusts fill from Q65A1-3) AFTER EXPENSES during 2020?

1 Less than $10,000
2 Between $10,000 and $20,000
3 Over $20,000

Q65crn2

Did (name/you) receive:

less than $1,000
between $1,000 and $5,000
or over $5,000

in income from rent (roomers or boarders, estates, trusts, or royalties/, roomers or boarders, or royalties/, estates or trusts fill from Q65A1-3) AFTER EXPENSES during 2020?

1 Less than $1,000
2 Between $1,000 and $5,000
3 Over $5,000

Q65cp

Is this a weekly, every other week, twice a month, monthly, quarterly, or yearly amount?

1 Weekly
2 Every other week
3 Twice a month
4 Monthly
5 Quarterly
7 Yearly

Q65c2

What is your best estimate of (name's/your) ANNUAL net income from rent (roomers or boarders, estates, trusts, or royalties/, roomers or boarders, or royalties/, estates or trusts) AFTER EXPENSES in 2020?

- 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 2020. Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q65c2L

What is your best estimate of (name's/your) ANNUAL LOSS from rent (roomers or boarders, estates, trusts, or royalties/, roomers or boarders, or royalties/, estates or trusts fill from Q65A1-3) AFTER EXPENSES in 2020?

- 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 2020?

* 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 2020?

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 2020?

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 2020; weekly, every other week, twice a month, monthly, or yearly?

1 Weekly

2 Every other week (bi-weekly)
3 Twice a month
4 Monthly
7 Yearly

Q66H

(Aside from the Pell Grant assistance, how/How) much did (name/you) receive (weekly/every other week/ twice a month/ monthly) in educational assistance during 2020?

- Enter dollar amount

_____

Q66H2

How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive in educational assistance in 2020?

- (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 2020?

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 2020?

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 2020 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 2020. 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 2020?

- Previous entries: Q66h: (amount)
  Q66hp: (periodicity)
  Q66h2: (number of pay periods)

- Enter dollar amount

_____

5.19 CHILD SUPPORT (Amounts)

Q70cp

What is the easiest way for you to tell us (name's/your) child support payments; weekly, every other week, twice a month, monthly, or yearly?

1 Weekly
2 Every other week (bi-weekly)
3 Twice a month
4 Monthly
7 Yearly

Q70c

How much did (name/you) receive (weekly/ every other week/ twice a month/ monthly) in child support payments in 2020?

- Enter dollar amount

_____

Q70c2

How many (weekly/every other week/ twice a month/ monthly) child support payments did (name/you) receive in 2020?

- (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 2020?

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 2020?

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 2020 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 2020. 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 2020?

- 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 2020?

- Enter dollar amount

_____

Q72c2

How many (weekly/every other week/twice a month/monthly) payments did (name/you) receive in regular financial assistance in 2020?

- (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 2020?

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 2020?

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 2020 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 2020. 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 2020?

• 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 2020?

• Do NOT include federal stimulus payments due to the Coronavirus pandemic.

• 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 2020?

• (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 2020 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 2020.

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 2020?

- 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 2020?

- 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, 2020 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, 2020?

- 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 2020
2 2021

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 2020 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 2021?

1 January 2021
2 February 2021
3 March 2021
4 April 2021
20 All months of 2021
21 No months of 2021

ANYLAST

Which months (was/were) (name/you) covered by (plan type) LAST year -- in 2020?

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 2020 until December 2020
21 No months from January 2020 until December 2020

WMNTHS

Which months between January 2020 and now (was/were) (name/you) covered by (plan type)?

1 January 2020
2 February 2020
3 March 2020
4 April 2020
5 May 2020
6 June 2020
7 July 2020
8 August 2020
9 September 2020
10 October 2020
11 November 2020
12 December 2020
13 January 2021
14 February 2021
15 March 2021
16 April 2021
20 All months from January 2020 until now
21 No months from January 2020 until now

6.5 OTHER HOUSEHOLD MEMBERS

OTHMEMB

Between January 1, 2020 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 2020 until now?

- This question refers to (plan type)

1 All also covered from January 2020 until now
2 None covered from January 2020 until now

MNTHS_P(1-16)M

Which months between January 2020 and now was (NAME) covered? [How about (NAME)?]

- This question refers to (plan type)

1 January 2020
2 February 2020
3 March 2020
4 April 2020
5 May 2020
6 June 2020
7 July 2020
8 August 2020
9 September 2020
10 October 2020
11 November 2020
12 December 2020
13 January 2021
14 February 2021
15 March 2021
16 April 2021
20 All months from January 2020 until now
21 No months from January 2020 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, 2020 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 2020.

- 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 2020 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 2020 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 2020 which of the children in this household received free or reduced priced lunches because they qualified for the Federal School Lunch Program?

- Probe: Anyone else?
- Enter all that apply, separate using the space bar or a comma.
- Enter 96 for All
- Enter 0 for None

ECVDMEAL

Did your children continue receiving free/reduced price meals through your school or school district if schools were closed during the coronavirus pandemic?

- This includes any food provided by the school, regardless of where and how it is delivered.

1 Yes
2 No
3 Schools were not closed

8.2 PUBLIC HOUSING

Q85

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

4 Yes
5 No

Q86

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

1 Yes
2 No

SPHS8

Is this through Section 8 or through some other government program?

1 Section 8
2 Some other government program
3 Not sure

8.3 WOMEN, INFANTS, AND CHILDREN NUTRITION PROGRAM (WIC)

SWRWIC

At any time during 2020, (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 2020, (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 2020?

* 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 2020?

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 2020?

1 Less than $100
2 Between $100 and $500
3 Over $500

9 MIGRATION

9.1 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 2020?

- 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 2020: 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 2020?

(1-52), (1-26), (1-24), (1-12)

_____

CCTOT

Then (you/they) paid $(amount) altogether in child care while (you/they) worked during 2020. Does that sound about right?

1 Yes
2 No

CCEST

What is your best estimate of the correct amount (you/they) paid for child care while (you/they) worked in 2020?

_____

10.3 CHILD SUPPORT PAID

CSPCHILD

(Do you/Does anyone in this household) have any children who lived elsewhere with their other parent or guardian at anytime during 2020?

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 2020, 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 2020?

- 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 STIMULUS PAYMENTS

ECVD_EIP

Since April 1, 2020, have you or anyone in your household received a "stimulus payment," that is the coronavirus (COVID-19) related Economic Impact Payment from the Federal Government?

- Do not include refunds on annual income taxes, unemployment compensation, or payments from an employer

1 Yes
2 No

ECVD_COV

Who was the stimulus payment for?

- Enter line number
- Enter all that apply, separate using the space bar or a comma.

_____

ECVD_AMT

What was the amount of the stimulus payment(s) that you received for all the covered adults and children since April 1, 2020?

- Enter dollar amount

_____

Attachment A. Income Range Follow-up Questions

The three levels of income range follow-up questions are:

1) High-range income follow-up brackets:

   - Less than $45,000
   - Between $45,000 and $60,000
   - $60,000 or more

   If the respondent selects the lowest bracket (Less than $45,000), then the following ranges will be presented to the respondent:

   - Less than $15,000
   - Between $15,000 and $30,000
   - $30,000 or more

2) Mid-range income follow-up questions:

   - Less than $10,000
   - Between $10,000 and $20,000
   - $20,000 or more

   If the respondent selects the lowest bracket (Less than $10,000), then the following ranges will be presented to the respondent:

   - Less than $1,000
   - Between $1,000 and $5,000
   - $5,000 or more

3) Low-range income follow-up questions:

   - Less than $1,000
   - Between $1,000 and $3,000
   - $3,000 or more

   If the respondent selects the lowest bracket (Less than $1,000), then the following ranges will be presented to the respondent:

   - Less than $100
   - Between $100 and $500
   - $500 or more

Attachment B. Income Source and Follow-Up Question Range Level

The following table displays the income source and range level used in the follow-up range questions.

Source Screen	Income Source	Range Screen	Range Level
Q48AA	Earnings from Longest Job	PUQ48AARN1	High
Q48AAD	Longest Job: tips, bonuses, etc.	PUQ48AADRN1	Low
Q48B	Earnings from Business/ Farm	PUQ48BRN1	High
Q48BAD	Business/ Farm: tips, bonuses, etc.	PUQ48BADRN1	Low
Q49B1D	Earnings from All Other Employers	PUQ49B1DRN1	Mid
Q49B1A	All Other Employers: tips, bonuses, etc.	PUQ49B1ARN1	Low
Q49B2	Earnings from Any Other Business	PUQ49B2RN1	Mid
Q49B4	Earnings from Any Other Farm	PUQ49B4RN1	Mid
Q51A1	State or Federal Unemployment Compensation	PUQ51A11R1	Mid
Q51A2	Supplemental Unemployment Benefits	PUQ51A21R1	Mid
Q51A3	Union Unemployment or Strike Benefits	PUQ51A31R1	Mid
Q52A	Worker's Compensation	PUQ52CR1	Mid
Q56A	Social Security	PUQ656DRN1	Mid
Q56F	Social Security for Children	PUQ56IRN1	Mid
Q57A	Supplemental Security Income (SSI)	PUQ57CRN1	Mid
Q57D	SSI for Children	PUQ57IRN1C	Mid
Q59AR	Disability Income (source 1) Disability Income (source 2)	PUQ61E1RN1 PUQ61E2RN1	Mid
Q60A88	Veteran's Payments (source 1) Veteran's Payments (source 2)	PUQ60V1RN1 PUQ60V2RN1	Mid
Q58A	Survivor Benefits (source 1) Survivor Benefits (source 2) Survivor Benefits (source 3)	PUQ58E1RN1 PUQ58E2RN1 PUQ58E3RN1	Mid
Q59A88, Q59A89	Public Assistance/ TANF	PUQ59ERN1	Low
Q87R, Q87AR	Food Assistance/ SNAP	HUQ90RN1	Low
Q62AR	Pensions (source 1) Pensions (source 2)	PUQ62E1RN1 PUQ62E2RN1	Mid
Q96AR	Annuities	PUANNEWRN1	Mid
Q98Ar	Retirement Withdrawals/Distributions (source 1) Retirement Withdrawals/Distributions (source 2)	PUDSTNEWR1 PUDSTNEWR3	Mid
Q97Cr	Retirement Interest (source 1) Retirement Interest (source 2)	PURETNEWRN1 PURETNEWRN3	Low
Q99ARa	Checking Account Interest	PUQ63C1B	Low
Q99ARb	Savings Account Interest	PUQ63D1B	Low
Q99ARc	Money Market Account Interest	PUQ63e1B	Low
Q99ARd	CD Interest	PUQ63f1B	Low
Q99ARe	Saving Bonds Interest	PUQ63g1b	Low
Q99ARe	Stock Dividends	PUQ63h1b	Low
Q99ARg	Any Other Interest	PUQ63i1b	Low

Source Screen	Income Source	Range Screen	Range Level
CAPGDIS	Nonretirement Interest	PUCAPGDAMTRN 1	Mid
Q65A1, Q65A2, Q65A3	Property Income	PUQ65CRN1	Mid
Q66B	Pell Grant Other Education Assistance	PUQ69FRN1 PUQ66HRN1	Low
Q70A	Child Support	PUQ70C1RN1	Mid
Q72A	Regular Financial Assistance	PUQ72CRN1	Low
Q73A1	Other Money Income	PUQ73RN1	Low
Q93	Energy Assistance	HUQ94RN1	Low

APPENDIX E

SPECIFIC METROPOLITAN IDENTIFIERS

(Beginning August 2015)

List 1: FIPS Metropolitan Area (CBSA) Codes

List 2: FIPS Consolidated Statistical Area (CSA) Codes

List 3: Individual Principal Cities

List 4: FIPS County Codes

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

Care should be taken when tallying smaller areas, such as smaller cities, counties and metropolitan areas during the time frame of May 2014-July 2015. This is because we will be phasing in a new set of geographic areas to coincide with the phase-in of a new sample based on the results of the 2010 Census. Some smaller areas will be phasing-out or phasing-in during this time frame and estimates for such areas will fluctuate wildly during this time period and not be as accurate as they will be prior to May 2014 or after July 2015.

LIST 1: FIPS Metropolitan Area (CBSA) Codes

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

FIPS Code	Metropolitan (CBSA) TITLE
10180	Abilene, TX
10420	Akron, OH
10580	Albany-Schenectady-Troy, NY
10740	Albuquerque, NM
10900	Allentown-Bethlehem-Easton, PA-NJ
11100	Amarillo, TX
11460	Ann Arbor, MI
11540	Appleton, WI
11700	Asheville, NC
12020	Athens-Clarke County, GA
12060	Atlanta-Sandy Springs-Roswell, GA
12100	Atlantic City-Hammonton, NJ
12220	Auburn-Opelika, AL
12260	Augusta-Richmond County, GA-SC
12420	Austin-Round Rock, TX
12540	Bakersfield, CA
12580	Baltimore-Columbia-Towson, MD
12620	Bangor, ME
12700	Barnstable, MA
12940	Baton Rouge, LA
12980	Battle Creek, MI
13140	Beaumont-Port Arthur, TX
13460	Bend-Redmond, OR
13740	Billings, MT
13780	Binghamton, NY
13820	Birmingham-Hoover, AL
13980	Blacksburg—Christiansburg-Radford, VA
14010	Bloomington, IL
14020	Bloomington, IN
14260	Boise City, ID
14460	Boston-Cambridge-Newton, MA-NH
14500	Boulder, CO
14540	Bowling Green, KY
14860	Bridgeport-Stamford-Norwalk, CT
15180	Brownsville-Harlingen, TX
15380	Buffalo-Cheektowaga-Niagara Falls, NY
15500	Burlington, NC
15540	Burlington-South Burlington, VT
15680	California-Lexington Park, MD
15940	Canton-Massillon, OH

15980	Cape Coral-Fort Myers, FL
16060	Carbondale-Marion, IL
16300	Cedar Rapids, IA
16540	Chambersburg-Waynesboro, PA
16580	Champaign-Urbana, IL
16620	Charleston, WV
16700	Charleston-North Charleston, SC
16740	Charlotte-Concord-Gastonia, NC-SC
16820	Charlottesville, VA
16860	Chattanooga, TN-GA
16980	Chicago-Naperville-Elgin, IL-IN-WI
17020	Chico, CA
17140	Cincinnati, OH-KY-IN
17300	Clarksville, TN-KY
17420	Cleveland, TN
17460	Cleveland-Elyria, OH
17660	Coeur d'Alene, ID
17780	College Station-Bryan, TX
17820	Colorado Springs, CO
17900	Columbia, SC
17980	Columbus, GA-AL
18140	Columbus, OH
18580	Corpus Christi, TX
19100	Dallas-Fort Worth-Arlington, TX
19300	Daphne-Fairhope-Foley, AL
19340	Davenport-Moline-Rock Island, IA-IL
19380	Dayton, OH
19660	Deltona-Daytona Beach-Ormond Beach, FL
19740	Denver-Aurora-Lakewood, CO
19780	Des Moines-West Des Moines, IA
19820	Detroit-Warren-Dearborn, MI
20100	Dover, DE
20500	Durham-Chapel Hill, NC
20700	East Stroudsburg, PA
21140	Elkhart-Goshen, IN
21340	El Paso, TX
21500	Erie, PA
21660	Eugene, OR
21780	Evansville, IN-KY
22020	Fargo, ND-MN
22140	Farmington, NM
22180	Fayetteville, NC
22220	Fayetteville-Springdale-Rogers, AR-MO
22420	Flint, MI
22500	Florence, SC
22520	Florence-Muscle Shoals, AL

22660	Fort Collins, CO
22900	Fort Smith, AR-OK
23060	Fort Wayne, IN
23420	Fresno, CA
23540	Gainesville, FL
23580	Gainesville, GA
24020	Glen Falls, NY
24140	Goldsboro, NC
24340	Grand Rapids-Wyoming, MI
24540	Greeley, CO
24580	Green Bay, WI
24660	Greensboro-High Point, NC
24780	Greenville, NC
24860	Greenville-Anderson-Mauldin, SC
25180	Hagerstown-Martinsburg, MD-WV
25260	Hanford-Corcoran, CA
25420	Harrisburg-Carlisle, PA
25540	Hartford-West Hartford-East Hartford, CT
25860	Hickory-Morganton-Lenoir, NC
25940	Hilton Head Island-Bluffton-Beaufort, SC
26420	Houston-Baytown-Sugar Land, TX
26580	Huntington-Ashland, WV-KY-OH
26620	Huntsville, AL
26820	Idaho Falls, ID
26900	Indianapolis, IN
26980	Iowa City, IA
27100	Jackson, MI
27140	Jackson, MS
27260	Jacksonville, FL
27340	Jacksonville, NC
27500	Janesville-Beloit, WI
27740	Johnson City, TN
27780	Johnstown, PA
27980	Kahului-Wailuku-Lahaina, HI
28020	Kalamazoo-Portage, MI
28140	Kansas City, MO-KS
28420	Kennewick-Richland, WA
28660	Killeen-Temple-Fort Hood, TX
28700	Kingsport-Bristol, TN-VA
28940	Knoxville, TN
29180	Lafayette, LA
29200	Lafayette-West Lafayette, IN
29340	Lake Charles, LA
29460	Lakeland-Winter Haven, FL
29540	Lancaster, PA
29620	Lansing-East Lansing, MI

29700	Laredo, TX
29740	Las Cruces, NM
29820	Las Vegas-Paradise, NV
30340	Lewiston-Auburn, ME
30460	Lexington-Fayette, KY
30780	Little Rock-North Little Rock, AR
30980	Longview, TX
31080	Los Angeles-Long Beach-Anaheim, CA
31140	Louisville, KY-IN
31180	Lubbock, TX
31420	Macon, GA
31540	Madison, WI
31700	Manchester-Nashua, NH
32580	McAllen-Edinburg-Mission, TX
32780	Medford, OR
32820	Memphis, TN-MS-AR
33100	Miami-Fort Lauderdale-West Palm Beach, FL
33340	Milwaukee-Waukesha-West Allis, WI
33460	Minneapolis-St Paul-Bloomington, MN-WI
33660	Mobile, AL
33700	Modesto, CA
33740	Monroe, LA
33780	Monroe, MI
33860	Montgomery, AL
34060	Morgantown, WV
34580	Mount Vernon-Anacortes, WA
34740	Muskegon-Norton Shores, MI
34820	Myrtle Beach-Conway-North Myrtle Beach, SC-NC
34940	Naples-Immokalee-Marco Island, FL
34980	Nashville-Davidson-Murfreesboro, TN
35300	New Haven-Milford, CT
35380	New Orleans-Metairie, LA
35620	New York-Newark- Jersey City, NY-NJ-PA (White Plains central city recoded to balance of metropolitan)
35660	Niles-Benton Harbor, MI
35840	North Port-Sarasota-Bradenton, FL
35980	Norwich-New London, CT
36100	Ocala, FL
36220	Odessa, TX
36260	Ogden-Clearfield, UT
36420	Oklahoma City, OK
36540	Omaha-Council Bluffs, NE-IA
36740	Orlando, FL
36780	Oshkosh-Neenah, WI
37100	Oxnard-Thousand Oaks-Ventura, CA
37340	Palm Bay-Melbourne-Titusville, FL

37460	Panama City, FL
37860	Pensacola-Ferry Pass-Brent, FL
37900	Peoria, IL
37980	Philadelphia-Camden-Wilmington, PA-NJ-DE
38060	Phoenix-Mesa-Scottsdale, AZ
38220	Pine Bluff, AR
38300	Pittsburgh, PA
38860	Portland-South Portland, ME
38900	Portland-Vancouver-Hillsboro, OR-WA
38940	Port St. Lucie-Fort Pierce, FL
39140	Prescott, AZ
39300	Providence-Warwick, RI-MA
39340	Provo-Orem, UT
39540	Racine, WI
39580	Raleigh, NC
39740	Reading, PA
39820	Redding, CA
40060	Richmond, VA
40140	Riverside-San Bernardino-Ontario, CA
40220	Roanoke, VA
40380	Rochester, NY
40420	Rockford, IL
40900	Sacramento--Arden-Arcade–Roseville, CA
40980	Saginaw, MI
41100	St. George, UT
41180	St. Louis, MO-IL
41420	Salem, OR
41500	Salinas, CA
41540	Salisbury, MD
41620	Salt Lake City, UT
41700	San Antonio, TX
41740	San Diego-Carlsbad-San Marcos, CA
41860	San Francisco-Oakland-Fremont, CA
41940	San Jose-Sunnyvale-Santa Clara, CA
42020	San Luis Obispo-Paso Robles, CA
42100	Santa Cruz-Watsonville, CA
42140	Santa Fe, NM
42200	Santa Maria-Santa Barbara, CA
42220	Santa Rosa-Petaluma, CA
42340	Savannah, GA
42540	Scranton--Wilkes-Barre, PA
42660	Seattle-Tacoma-Bellevue, WA
43300	Sherman-Dennison, TX
43340	Shreveport-Bossier City, LA
43620	Sioux Falls, SD
43780	South Bend-Mishawaka, IN-MI

43900	Spartanburg, SC
44060	Spokane-Spokane Valley, WA
44100	Springfield, IL
44140	Springfield, MA
44180	Springfield, MO
44700	Stockton-Lodi, CA
45060	Syracuse, NY
45220	Tallahassee, FL
45300	Tampa-St. Petersburg-Clearwater, FL
45460	Terre Haute, IN
45780	Toledo, OH
45820	Topeka, KS
45940	Trenton, NJ
46060	Tucson, AZ
46140	Tulsa, OK
46340	Tyler, TX
46520	Urban Honolulu, HI
46540	Utica-Rome, NY
46700	Vallejo-Fairfield, CA
47220	Vineland-Bridgeton, NJ
47260	Virginia Beach-Norfolk-Newport News, VA-NC
47300	Visalia-Porterville, CA
47380	Waco, TX
47580	Warner Robins, GA
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
47940	Waterloo-Cedar Falls, IA
48060	Watertown-Fort Drum, NY
48140	Wausau, WI
48620	Wichita, KS
48660	Wichita Falls, TX
48700	Williamsport, PA
49020	Winchester, VA-WV
49180	Winston-Salem, NC
49340	Worcester, MA-CT
49620	York-Hanover, PA
49660	Youngstown-Warren-Boardman, OH-PA
49740	Yuma, AZ

LIST 2: FIPS Consolidated Statistical Area (CSA) Codes

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

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

168		Cedar Rapids-Iowa City, IA
	16300	Cedar Rapids, IA
	26980	Iowa City, IA
170		Charleston-Huntington-Ashland, WV-OH-KY
	16620	Charleston, WV
	26580	Huntington-Ashland, WV-KY-OH
174		Chattanooga-Cleveland-Dalton, TN-GA
	16860	Chattanooga, TN-GA
	17420	Cleveland, TN
184		Cleveland-Akron-Canton, OH (part)
	10420	Akron, OH
	15940	Canton-Massillon, OH
	17460	Cleveland-Elyria-Mentor, OH
194		Columbus-Auburn-Opelika, GA-AL
	12220	Auburn-Opelika, AL
	17980	Columbus, GA
206		Dallas-Fort Worth, TX-OK
	19100	Dallas-Fort Worth-Arlington, TX
	43300	Sherman-Dennison, TX
216		Denver-Aurora, CO
	14500	Boulder, CO
	19740	Denver-Aurora-Lakewood, CO
	24540	Greeley, CO
220		Detroit-Warren-Ann Arbor, MI
	11460	Ann Arbor, MI
	19820	Detroit-Warren-Dearborn, MI
	22420	Flint, MI
	33780	Monroe, MI
238		El Paso-Las Cruses, TX-NM
	21340	El Paso, TX
	29740	Las Cruses, NM
266		Grand Rapids-Wyoming-Muskegon, MI
	24340	Grand Rapids-Wyoming, MI
	34740	Muskegon-Norton Shores, MI

268		Greensboro--Winston-Salem–High Point, NC
	15500	Burlington, NC
	24660	Greensboro-High Point, NC
	49180	Winston-Salem, NC
273		Greenville-Spartanburg-Anderson, SC
	24860	Greenville-Anderson-Mauldin, SC
	43900	Spartanburg, SC
276		Harrisburg-York-Lebanon, PA
	25420	Harrisburg-Carlisle, PA
	49620	York-Hanover, PA
278		Hartford-West Hartford, CT
	25540	Hartford-West Hartford-East Hartford, CT
	35980	Norwich-New London, CT
304		Johnson City-Kingsport-Bristol, TN-VA (part)
	27740	Johnson City, TN
	28700	Kingsport-Bristol, TN-VA
310		Kalamazoo-Battle Creek-Portage, MI
	12980	Battle Creek, MI
	28020	Kalamazoo-Portage, MI
340		Little Rock-North Little Rock, AR
	30780	Little Rock-North Little Rock-Conway, AR
	38220	Pine Bluff, AR
348		Los Angeles-Long Beach-Riverside, CA
	31080	Los Angeles-Long Beach-Santa Ana, CA
	37100	Oxnard-Thousand Oaks-Ventura, CA
	40140	Riverside-San Bernardino-Ontario, CA
356		Macon-Warner Robins-Fort Valley, GA
	31420	Macon, GA
	47580	Warner Robins, GA
357		Madison-Janesville-Beloit, WI
	27500	Janesville-Beloit, WI
	31540	Madison, WI
370		Miami-Fort Lauderdale-Port St. Lucie, FL
	33100	Miami-Fort Lauderdale-West Palm Beach, FL
	38940	Port St. Lucie-Fort Pierce, FL

376		Milwaukee-Racine-Waukesha, WI
	33340	Milwaukee-Waukesha-West Allis, WI
	39540	Racine, WI
380		Mobile-Daphne-Fairhope, AL
	19300	Daphne-Fairhope, AL
	33660	Mobile, AL
408		New York-Newark-Bridgeport, NY-NJ-CT-PA
	10900	Allentown-Bethlehem-Easton, PA-NJ
	14860	Bridgeport-Stamford-Norwalk, CT
	20700	East Stroudsburg, PA
	35300	New Haven-Milford, CT
	35620	New York-Newark-Jersey City, NY-NJ-PA
	45940	Trenton, NJ
422		Orlando-Deltona-Daytona Beach, FL
	19660	Deltona-Daytona Beach-Ormond Beach, FL
	36740	Orlando-Kissimmee-Sanford, FL
428		Philadelphia-Reading-Camden, PA-NJ-DE-MD
	12100	Atlantic City-Hammonton, NJ
	20100	Dover, DE
	37980	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD
	39740	Reading, PA
	47220	Vineland-Bridgeton, NJ
438		Portland-Lewiston-South Portland, ME
	30340	Lewiston-Auburn, ME
	38860	Portland-South Portland, ME
440		Portland-Vancouver-Salem, OR-WA
	38900	Portland-Vancouver-Hillsboro, OR-WA
	41420	Salem, OR
450		Raleigh-Durham-Cary, NC
	20500	Durham-Chapel Hill, NC
	39580	Raleigh, NC
482		Salt Lake City-Provo-Orem, UT
	36260	Ogden-Clearfield, UT
	39340	Provo-Orem, UT
	41620	Salt Lake City, UT

488		San Jose-San Francisco-Oakland, CA
	41860	San Francisco-Oakland-Hayward, CA
	41940	San Jose-Sunnyvale-Santa Clara, CA
	42100	Santa Cruz-Watsonville, CA
	42220	Santa Rosa, CA
	44700	Stockton-Lodi, CA
	46700	Vallejo-Fairfield, CA
500		Seattle-Tacoma-Olympia, WA
	34580	Mount Vernon-Anacortes, WA
	42660	Seattle-Tacoma-Bellevue, WA
515		South Bend-Elkhart-Mishawaka, IN-MI
	21140	Elkhart-Goshen, IN
	35660	Niles-Benton Harbor, MI
	43780	South Bend-Mishawaka, IN-MI
518		Spokane-Spokane Valley-Coeur d'Alene, WA-ID
	17660	Coeur d'Alene, ID
	44060	Spokane-Spokane Valley, WA
546		Visalia-Porterville-Hanford, CA
	25260	Hanford-Corcoran, CA
	47300	Visalia-Porterville, CA
548		Washington-Baltimore-Arlington, DC-MD-VA-WV-PA
	12580	Baltimore-Columbia-Towson, MD
	15680	California-Lexington Park, MD
	16540	Chambersburg-Waynesboro, PA
	25180	Hagerstown-Martinsburg, MD-WV
	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
	49020	Winchester, VA-WV

List 3: Individual Principal Cities

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

CBSA Code	Title	City	GTINDVPC
38060	Phoenix-Mesa-Scottsdale, AZ		
		Phoenix	1
		Mesa	2
		Scottsdale	3
		Tempe	4
		Glendale	5
30780	Little Rock-North Little Rock-Conway. AR		
		Little Rock	1
31080	Los Angeles-Long Beach-Anaheim, CA		
		Los Angeles County	
		Los Angeles	1
		Long Beach	2
		Glendale	3
		Pomona	4
		Torrance	5
		Pasadena	6
		Burbank	7
		Orange County	
		Santa Ana	1
		Anaheim	2
		Irvine	3
		Orange	4
		Fullerton	5
		Costa Mesa	6
37100	Oxnard-Thousand Oaks-Ventura, CA		
		Oxnard	1
		Thousand Oaks	2

40140	Riverside-San Bernardino-Ontario, CA	
	Riverside	1
	San Bernardino	2
	Ontario	3
	Temecula	4
	Victorville	5
40900	Sacramento–Roseville-Arden-Arcade, CA	
	Sacramento	1
	Roseville	2
41740	San Diego-Carlsbad, CA	
	San Diego	1
	Carlsbad	2
41860	San Francisco-Oakland-Hayward, CA	
	San Francisco	1
	Alameda County	
	Oakland	1
	Fremont	2
	Hayward	3
	Berkeley	4
41940	San Jose-Sunnyvale-Santa Clara, CA	
	San Jose	1
	Sunnyvale	2
	Santa Clara	3
46700	Vallejo-Fairfield, CA	
	Vallejo	1
	Fairfield	2
19740	Denver-Aurora-Lakewood, CO	
	Denver	1
	Lakewood	2
14860	Bridgeport-Stamford-Norwalk, CT	
	Bridgeport	1
	Stamford	2
25540	Hartford-West Hartford-East Hartford, CT	
	Hartford	1

33100	Miami-Fort Lauderdale-West Palm Beach, FL	
	Broward County	
	Fort Lauderdale	1
	Miami-Dade County	
	Miami	1
36740	Orlando-Kissimmee-Sanford, FL	
	Orlando	1
37340	Palm Bay-Melbourne-Titusville, FL	
	Palm Bay	1
45300	Tampa-St. Petersburg-Clearwater, FL	
	St. Petersburg	1
	Tampa	2
12060	Atlanta-Sandy Springs-Roswell, GA	
	Atlanta	1
16980	Chicago-Naperville-Elgin, IL-IN-WI	
	Chicago	1
	Naperville	2
	Joliet	3
	Elgin	4
26900	Indianapolis-Carmel-Anderson. IN	
	Indianapolis	1
28140	Kansas City, MO-KS	
	Kansas portion	
	Kansas City	1
	Overland Park	2
	Missouri portion	
	Kansas City	1
35380	New Orleans-Metairie, LA	
	New Orleans	1
	Metairie	2
12580	Baltimore-Columbia-Towson. MD	
	Baltimore	1

14460	Boston-Cambridge-Newton, MA-NH	
	Massachusetts portion	
	Boston	1
	Cambridge	2
19820	Detroit-Warren-Dearborn, MI	
	Wayne County	
	Detroit	1
	Macomb County	
	Warren	1
33460	Minneapolis-St. Paul-Bloomington, MN-WI	
	Minneapolis	1
	St. Paul	2
29820	Las Vegas-Henderson--Paradise, NV	
	Las Vegas	1
	Paradise	2
	Henderson	3
35620	New York-Newark- Jersey City, NY-NJ-PA	
	New Jersey portion	
	Newark	1
	Jersey City	2
	New York portion	
	New York	1
15380	Buffalo-Cheektowaga-Niagara Falls, NY	
	Buffalo	1
16740	Charlotte -Concord-Gastonia, NC-SC	
	Charlotte	1
38900	Portland-Vancouver-Hillsboro, OR-WA	
	Portland	1
34980	Nashville-Davidson—Murfreesboro—Franklin, TN	
	Nashville-Davidson	1

19100	Dallas-Fort Worth-Arlington, TX	
	Dallas	1
	Fort Worth	2
	Carrollton	3
	Plano	4
	Irving	5
	Arlington	6
26420	Houston-The Woodlands-Sugar Land, TX	
	Houston	1
32580	McAllen-Edinburg-Mission, TX	
	McAllen	1
47260	Virginia Beach-Norfolk-Newport News, VA-NC	
	Virginia portion	
	Virginia Beach	1
	Norfolk	2
	Newport News	3
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV	
	Washington	1
	Arlington	2
42660	Seattle-Tacoma-Bellevue, WA	
	Seattle	1
	Tacoma	2
	Bellevue	3
	Everett	4
33340	Milwaukee-Waukesha-West Allis, WI	
	Milwaukee	1

List 4: FIPS County Codes

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

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

107	Tulare
111	Ventura

Colorado

013	Boulder
031	Denver
059	Jefferson
069	Larimer
123	Weld

Connecticut

001	Fairfield
005	Litchfield*
009	New Haven
011	New London
015	Windham

Delaware

001	Kent
003	New Castle
005	Sussex

District of Columbia

001	District of Columbia

Florida

005	Bay
009	Brevard
011	Broward
019	Clay
021	Collier
033	Escambia
053	Hernando
057	Hillsborough
069	Lake
071	Lee
083	Marion
085	Martin
086	Miami-Dade
095	Orange
099	Palm Beach

101	Pasco
103	Pinellas
105	Polk
109	St. Johns
111	St. Lucie
113	Santa Rosa

Georgia

015	Bartow
045	Carroll
057	Cherokee
063	Clayton
077	Coweta
097	Douglas
113	Fayette
117	Forsythe
135	Gwinnett
139	Hall
151	Henry
223	Paulding

Hawaii

003	Honolulu

Illinois

097	Lake
111	McHenry
119	Madison
163	St. Clair
179	Tazewell

Indiana

019	Clark
039	Elkhart
063	Hendricks
081	Johnson
089	Lake
105	Monroe
141	St. Joseph
157	Tippecanoe

Iowa

103	Johnson
113	Linn
163	Scott

Kansas

091	Johnson
173	Sedgwick

Kentucky

015	Boone
067	Fayette
111	Jefferson
117	Kenton

Louisiana

005	Ascension
033	East Baton Rouge
051	Jefferson
063	Livingston
071	Orleans
073	Ouachita
103	St. Tammany

Maine

001	Androscoggin
005	Cumberland
011	Kennebec*
019	Penobscot

Maryland

003	Anne Arundel
013	Carroll
015	Cecil
017	Charles
025	Harford
031	Montgomery
033	Prince Georges
037	St. Mary's
510	Baltimore City

Massachusetts

001	Barnstable
005	Bristol
013	Hampden
015	Hampshire
017	Middlesex
023	Plymouth
025	Suffolk
027	Worcester

Michigan

005	Allegan*
021	Berrien
025	Calhoun
049	Genesee
075	Jackson
081	Kent
093	Livingston
099	Macomb
115	Monroe
121	Muskegon
125	Oakland
145	Saginaw
161	Washtenaw
163	Wayne

Minnesota

003	Anoka
123	Ramsey
139	Scott
163	Washington
171	Wright

Missouri

071	Franklin
099	Jefferson
189	St. Louis

Montana

111	Yellowstone

Nebraska

055	Douglas

Nevada

003	Clark

New Hampshire

011	Hillsborough
013	Merrimack*
015	Rockingham
017	Strafford

New Jersey

003	Bergen
005	Burlington
007	Camden
011	Cumberland
013	Essex
017	Hudson
019	Hunterdon
021	Mercer
023	Middlesex
027	Morris
031	Passaic
035	Somerset
037	Sussex
039	Union

New Mexico

001	Bernalillo
013	Dona Ana
045	San Juan
049	Santa Fe

New York

005	Bronx
045	Jefferson
047	Kings
055	Monroe
059	Nassau

061	New York
067	Onondaga
069	Ontario
071	Orange
081	Queens
085	Richmond
087	Rockland
091	Saratoga
103	Suffolk
119	Westchester

North Carolina

001	Alamance
021	Buncombe
057	Davidson
067	Forsyth
119	Mecklenburg
133	Onslow
147	Pitt
155	Robeson*
159	Rowan
179	Union
191	Wayne

Ohio

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

Oregon

017	Deschutes
029	Jackson
039	Lane

Pennsylvania

003	Allegheny
007	Beaver
011	Berks
017	Bucks
019	Butler
021	Cambria
029	Chester
043	Dauphin
045	Delaware
049	Erie
055	Franklin
071	Lancaster
081	Lycoming
085	Mercer
089	Monroe
091	Montgomery
101	Philadelphia
107	Schuylkill*
125	Washington
129	Westmoreland
133	York

South Carolina

041	Florence
051	Horry
083	Spartanburg
091	York

Tennessee

009	Blount
093	Knox
125	Montgomery
165	Sumner
189	Wilson

Texas

041	Brazos
061	Cameron
135	Ector
139	Ellis
181	Grayson
183	Gregg
215	Hidalgo

251	Johnson
303	Lubbock
309	McLennan
423	Smith
441	Taylor
479	Webb
485	Wichita

Utah

053	Washington

Virginia

013	Arlington
041	Chesterfield
087	Henrico
107	Loudoun
153	Prince William
177	Spotsylvania
179	Stafford
550	Chesapeake City
700	Newport News City
710	Norfolk City
760	Richmond City
810	Virginia Beach City

Washington

057	Skagit

West Virginia

039	Kanawha

Wisconsin

059	Kenosha
073	Marathon
101	Racine
105	Rock
139	Winnebago

*** Counties marked with an asterisk (*) are also single county Micropolitan Statistical Areas. They are not otherwise identified on the files. A list of such areas on the files is as follows**:

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

APPENDIX F

ASCII File Record Layouts

Household Record

HRECORD	1	1	(1:1)
FILEDATE	6	2	()
H_HHNUM	1	8	(1:8)
H_IDNUM	20	9	(NA)
H_SEQ	5	29	(00001:99999)
HSUP_WGT	8	34	(00000000:999999999)
GEDIV	1	42	(0:9)
GEREG	1	43	(1:4)
GESTFIPS	2	44	(1:56)
GTCBSA	5	46	(00000:79600)
GTCBSAST	1	51	(1:4)
GTCBSASZ	1	52	(0:7)
GTCO	3	53	(000:810)
GTCSA	3	56	(000:720)
GTINDVPC	1	59	(0:7)
GTMETSTA	1	60	(1:3)
H_HHTYPE	1	61	(1:3)
H_LIVQRT	2	62	(01:12)
H_MIS	1	64	(1:8)
HEFAMINC	2	65	(-1:16)
HH5TO18	2	67	(0:16)
HHSTATUS	1	69	(0:3)
HNUMFAM	2	70	(00:16)
HRHTYPE	2	72	(00:10)
HUNDER15	2	74	(0:16)
HUNDER18	2	76	(0:16)
HUNITS	1	78	(0:5)
I_HUNITS	1	79	(0:1)
H_MONTH	2	80	(03:03)
H_NUMPER	2	82	(0:16)
H_RESPNM	2	84	(0:16)
H_TELAVL	1	86	(0:2)
H_TELHHD	1	87	(0:2)
H_TELINT	1	88	(0:1)
H_TENURE	1	89	(0:3)
H_TYPEBC	2	90	(0:19)
H_YEAR	4	92	(1999:2999)
H1LIVQRT	1	96	(0:7)
H1TELAVL	1	97	(0:4)
H1TELHHD	1	98	(0:4)
H1TELINT	1	99	(0:4)
H1TENURE	1	100	(0:4)
HHINC	2	101	(0:41)

HPCTCUT	2	103	(0:20)
HTOP5PCT	1	105	(0:2)
HTOTVAL	8	106	(-999999:99999999)
HEARNVAL	8	114	(-999999:99999999)
HFRVAL	7	122	(-999999:99999999)
HINC_FR	1	129	(0:2)
HINC_SE	1	130	(0:2)
HINC_WS	1	131	(0:2)
HSEVAL	7	132	(-999999:99999999)
HWSVAL	7	139	(0:9999999)
HANN_YN	7	146	(0:2)
HANNVAL	7	153	(0:999999)
HCSP_YN	1	160	(0:2)
HCSPVAL	7	161	(0:9999999)
HDIS_YN	1	168	(0:2)
HDISVAL	7	169	(0:9999999)
HDIV_YN	1	176	(0:2)
HDIVVAL	7	177	(0:9999999)
HDST_YN	7	184	(0:2)
HDSTVAL	7	191	(0:9999999)
HED_YN	1	198	(0:2)
HEDVAL	7	199	(0:9999999)
HFIN_YN	1	206	(0:2)
HFINVAL	7	207	(0:9999999)
HINC_UC	1	214	(0:2)
HINC_WC	1	215	(0:2)
HINT_YN	1	216	(0:2)
HINTVAL	7	217	(0:9999999)
HOI_YN	1	224	(0:2)
HOIVAL	7	225	(0:9999999)
HOTHVAL	8	232	(-999999:99999999)
HPAW_YN	1	240	(0:2)
HPAWVAL	6	241	(0:99999999)
HPEN_YN	1	247	(0:2)
HPENVAL	7	248	(0:9999999)
HRNT_YN	1	255	(0:2)
HRNTVAL	7	256	(-999999:99999999)
HSS_YN	1	263	(0:2)
HSSI_YN	1	264	(0:2)
HSSIVAL	6	265	(0:9999999)
HSSVAL	7	271	(0:9999999)
HSUR_YN	1	278	(0:2)
HSURVAL	7	279	(0:99999999)
HUCVAL	7	286	(0:9999999)
HVET_YN	1	293	(0:2)
HVETVAL	7	294	(0:9999999)
HWCVAL	7	301	(0:99999999)
HENGAST	1	308	(0:2)
HENGVAL	5	309	(0:10000)
HFDVAL	5	314	(0:30000)

HFLUNCH	1	319	(0:2)
HFLUNNO	1	320	(0:9)
HFOODMO	2	321	(0:12)
HFOODNO	1	323	(0:9)
HFOODSP	1	324	(0:2)
HHOTLUN	1	325	(0:2)
HHOTNO	1	326	(0:9)
HLORENT	1	327	(0:2)
HPUBLIC	1	328	(0:2)
HRNUMWIC	2	329	(0:16)
HRWICYN	1	331	(0:2)
HCHCARE_VAL	6	332	(-1:999999)
HCHCARE_YN	1	338	(0:2)
HPRES_MORT	1	339	(0:2)
HPROP_VAL	8	340	(-1:9999999)
I_CHCAREVAL	1	348	(0:1)
I_HENGAS	1	349	(0:1)
I_HENGVA	1	350	(0:2)
I_HFDVAL	1	351	(0:2)
I_HFLUNC	1	352	(0:1)
I_HFLUNN	1	353	(0:1)
I_HFOODM	1	354	(0:2)
I_HFOODN	1	355	(0:1)
I_HFOODS	1	356	(0:1)
I_HHOTLU	1	357	(0:1)
I_HHOTNO	1	358	(0:1)
I_HLOREN	1	359	(0:1)
I_HPUBLI	1	360	(0:1)
I_PROPVAL	1	361	(0:4)
THCHCARE_VAL	1	362	(0:1)
THPROP_VAL	1	363	(0:1)
HCOV	1	364	(1:3)
NOW_HCOV	1	365	(1:3)
HPUB	1	366	(1:3)
NOW_HPUB	1	367	(1:3)
HPRIV	1	368	(1:3)
NOW_HPRIV	1	369	(1:3)
HMCAID	1	370	(1:3)
NOW_HMCAID	1	371	(1:3)
HH_HI_UNIV	1	372	(1:3)

Family Record

FRECORD	1	1	(2:2)
FFPOS	2	2	(01:16)
FH_SEQ	5	4	(00001:99999)
FILEDATE	6	9	()
FHEADIDX	2	15	(1:16)
FLASTIDX	2	17	(1:16)
FMLASIDX	2	19	(1:16)
FSPOUIDX	2	21	(0:16)

FSUP_WGT	8	23	(00000000:999999999)
FKIND	1	31	(1:3)
FKINDEX	1	32	(1:4)
FOWNU18	1	33	(0:9)
FOWNU6	1	34	(0:6)
FPERSONS	2	35	(1:16)
FRELU18	1	37	(0:9)
FRELU6	1	38	(0:6)
FSPANISH	1	39	(1:2)
FTYPE	1	40	(1:5)
FPCTCUT	2	41	(0:20)
FTOT_R	2	43	(0:41)
FTOTVAL	8	45	(-999999:99999999)
FEARNVAL	8	53	(-999999:9999999)
FFRVAL	7	61	(-999999:9999999)
FINC_FR	1	68	(0:2)
FINC_SE	1	69	(0:2)
FINC_WS	1	70	(0:2)
FSEVAL	7	71	(-999999:9999999)
FANNVAL	7	78	(0:9999999)
FCSPVAL	7	85	(0000000:9999999)
FDISVAL	7	92	(0000000:9999999)
FDIVVAL	7	99	(0000000:9999999)
FDSTVAL	7	106	(0000000:9999999)
FEDVAL	7	113	(0000000:9999999)
FFINVAL	7	120	(0000000:9999999)
FINC_ANN	1	127	(0:2)
FINC_CSP	1	128	(0:2)
FINC_DIS	1	129	(0:2)
FINC_DIV	1	130	(0:2)
FINC_DST	1	131	(0:2)
FINC_ED	1	132	(0:2)
FINC_FIN	1	133	(0:2)
FINC_INT	1	134	(0:2)
FINC_OI	1	135	(0:2)
FINC_PAW	1	136	(0:2)
FINC_PEN	1	137	(0:2)
FINC_RNT	1	138	(0:2)
FINC_SS	1	139	(0:2)
FINC_SSI	1	140	(0:2)
FINC_SUR	1	141	(0:2)
FINC_UC	1	142	(0:2)
FINC_VET	1	143	(0:2)
FINC_WC	1	144	(0:2)
FINTVAL	7	145	(0000000:9999999)
FOIVAL	7	152	(0000000:9999999)
FOTHVAL	8	159	(-999999:99999999)
FPAWVAL	6	167	(0000000:9999999)
FPENVAL	7	173	(0:9999999)
FRNTVAL	7	180	(-999999:9999999)

FSSIVAL	6	187	(000000:999999)
FSSVAL	7	193	(0000000:9999999)
FSURVAL	7	200	(0000000:9999999)
FUCVAL	7	207	(0000000:9999999)
FVETVAL	7	214	(0000000:9999999)
FWCVAL	7	221	(0000000:9999999)
FWSVAL	7	228	(0000000:9999999)
F_MV_FS	5	235	(0:24999)
F_MV_SL	4	240	(0:9999)
FAMLIS	2	244	(-1:4)
FPOVCUT	5	246	(-1:60000)
FRSPOV	2	251	(0:14)
FRSPPCT	5	253	(0:60000)
POVLL	2	258	(-1:14)
FHIP_VAL	7	260	(0:9999999)
FHIP_VAL2	7	267	(0:9999999)
FMED_VAL	7	274	(0:9999999)
FMOOP	7	281	(0:9999999)
FMOOP2	7	288	(0:9999999)
FOTC_VAL	7	295	(0:9999999)
I_FHIPVAL	2	302	(-1:3)
I_FHIPVAL2	2	304	(-1:3)
I_FMEDVAL	2	306	(-1:3)
I_FMOOP	2	308	(-1:3)
I_FMOOP2	2	310	(-1:3)
I_FOTCVAL	2	312	(-1:3)

Person Record

PRECORD	1	1	(3:3)
A_LINENO	2	2	(01:16)
FILEDATE	6	4	()
P_SEQ	2	10	(00:16)
PERIDNUM	22	12	(NA)
PF_SEQ	2	34	(00:16)
PH_SEQ	5	36	(00000:99999)
PHF_SEQ	2	41	(01:16)
PPPOS	2	43	(41:79)
A_FAMNUM	2	45	(00:19)
A_SPOUSE	2	47	(00:16)
PECOHAB	2	49	(-1:16)
PEPAR1	2	51	(-1:16)
PEPAR2	2	53	(-1:16)
A_ERNLWT	8	55	(00000000:99999999)
A_FNLWGT	8	63	(0000000:999999999)
MARSUPWT	8	71	(0000000:9999999999)
A_AGE	2	79	(00:85)
A_ENRLW	1	81	(0:2)
A_EXPRRP	2	82	(1:14)
A_FAMREL	1	84	(0:4)

A_FAMTYP	1	85	(1:5)
A_FTPT	1	86	(0:2)
A_HGA	2	87	(0:46)
A_HSCOL	1	89	(0:2)
A_MARITL	1	90	(1:7)
A_PFREL	1	91	(0:5)
A_SEX	1	92	(1:2)
AGE1	2	93	(0:17)
FL_665	1	95	(1:3)
HHDFMX	2	96	(1:51)
HHDREL	1	98	(1:8)
P_STAT	1	99	(1:3)
PARENT	1	100	(0:4)
PEAFEVER	2	101	(-1:2)
PEAFWHN1	2	103	(-1:9)
PEAFWHN2	2	105	(-1:9)
PEAFWHN3	2	107	(-1:9)
PEAFWHN4	2	109	(-1:9)
PECERT1	2	111	(0:2)
PECERT2	2	113	(0:2)
PECERT3	2	115	(0:2)
PEDISDRS	2	117	(-4:2)
PEDISEAR	2	119	(-1:2)
PEDISEYE	2	121	(-1:2)
PEDISOUT	2	123	(-1:2)
PEDISPHY	2	125	(-1:2)
PEDISREM	2	127	(-1:2)
PEFNTVTY	3	129	(-4:999)
PEHSPNON	1	132	(1:2)
PEINUSYR	2	133	(0:26)
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)
AXCLSWKR	1	278	(0:4)
AXHRLYWK	1	279	(0:4)
AXHRS	1	280	(0:4)
AXLFSR	1	281	(0:4)
AXNLFLJ	1	282	(0:4)
AXPAYABS	1	283	(0:4)
AXUNCOV	1	284	(0:4)
AXUNMEM	1	285	(0:4)
AXUSLHRS	1	286	(0:4)
AXWHYABS	1	287	(0:4)
PRCITFLG	2	288	(0:53)
PRHERNAL	1	290	(0:1)
PXSPOUSE	2	291	(-4:53)
CLWK	1	293	(0:5)
EARNER	1	294	(0:2)
HRCHECK	1	295	(0:2)
HRSWK	2	296	(0:99)
INDUSTRY	4	298	(0:9999)
LJCW	1	302	(0:7)
LKNONE	1	303	(0:1)
LKSTRCH	1	304	(0:3)
LKWEEKS	2	305	(0:51)
LOSEWKS	1	307	(0:2)
NOEMP	1	308	(0:6)
NWLKWK	2	309	(0:52)
NWLOOK	1	311	(0:2)
OCCUP	4	312	(0:9999)
PHMEMPRS	1	316	(0:3)
POCCU2	2	317	(0:53)
PTRSN	1	319	(0:4)
PTWEEKS	2	320	(0:52)
PTYN	1	322	(0:2)
PYRSN	1	323	(0:6)
RSNNOTW	1	324	(0:6)
WECLW	1	325	(0:9)
WEIND	2	326	(0:23)
WELKNW	1	328	(0:7)

WEMIND	2	329	(0:15)
WEMOCG	2	331	(0:24)
WEUEMP	1	333	(0:9)
WEWKRS	1	334	(0:5)
WEXP	2	335	(0:13)
WKCHECK	1	337	(0:3)
WKSWORK	2	338	(0:52)
WORKYN	1	340	(0:2)
WRK_CK	1	341	(0:2)
WTEMP	1	342	(0:2)
I_HRCHK	1	343	(0:9)
I_HRSWK	1	344	(0:9)
I_INDUS	1	345	(0:9)
I_LJCW	1	346	(0:9)
I_LKSTR	1	347	(0:9)
I_LKWEEK	1	348	(0:9)
I_LOSEWK	1	349	(0:9)
I_NOEMP	1	350	(0:9)
I_NWLKWK	1	351	(0:9)
I_NWLOOK	1	352	(0:9)
I_OCCUP	1	353	(0:9)
I_PHMEMP	1	354	(0:9)
I_PTRSN	1	355	(0:9)
I_PTWKS	1	356	(0:9)
I_PTYN	1	357	(0:9)
I_PYRSN	1	358	(0:9)
I_RSNNOT	1	359	(0:9)
I_WKCHK	1	360	(0:9)
I_WKSWK	1	361	(0:9)
I_WORKYN	1	362	(0:9)
I_WTEMP	1	363	(0:9)
ERN_OTR	1	364	(0:2)
ERN_SRCE	1	365	(0:4)
ERN_VAL	7	366	(-999999:9999999)
ERN_YN	1	373	(0:2)
FRM_VAL	7	374	(-999999:999999)
FRMOTR	1	381	(0:2)
FRSE_VAL	7	382	(-9999999:9999999)
FRSE_YN	1	389	(0:2)
PEARNVAL	8	390	(-99999:99999999)
SE_VAL	7	398	(-99999:9999999)
SEMP_VAL	7	405	(-999999:9999999)
SEMP_YN	1	412	(0:2)
SEOTR	1	413	(0:2)
WAGEOTR	1	414	(0:2)
WS_VAL	7	415	(0:9999999)
WSAL_VAL	7	422	(0:9999999)
WSAL_YN	1	429	(0:2)
ANN_VAL	6	430	(-1:999999)
ANN_YN	1	436	(0:2)

CAP_VAL	6	437	(0:999999)
CAP_YN	1	443	(0:2)
DBTN_VAL	7	444	(0000000:9999999)
DIS_CS	1	451	(0:2)
DIS_HP	1	452	(0:2)
DIS_SC1	2	453	(00:10)
DIS_SC2	2	455	(00:10)
DIS_VAL1	6	457	(0:999999)
DIS_VAL2	6	463	(00000:999999)
DIS_YN	1	469	(0:2)
DIV_VAL	6	470	(000000:999999)
DIV_YN	1	476	(0:2)
DSAB_VAL	6	477	(000000:999999)
DST_SC1	1	483	(0:7)
DST_SC1_YNG	1	484	(0:7)
DST_SC2	1	485	(0:7)
DST_SC2_YNG	1	486	(0:7)
DST_VAL1	6	487	(000000:999999)
DST_VAL1_YNG	6	493	(000000:999999)
DST_VAL2	6	499	(000000:999999)
DST_VAL2_YNG	6	505	(000000:999999)
DST_YN	1	511	(0:2)
DST_YN_YNG	1	512	(0:2)
ED_VAL	6	513	(0:999999)
ED_YN	1	519	(0:2)
FAMREL	2	520	(1:11)
FIN_VAL	6	522	(0:999999)
FIN_YN	1	528	(0:2)
INT_VAL	6	529	(0:999999)
INT_YN	1	535	(0:2)
OED_TYP1	1	536	(0:2)
OED_TYP2	1	537	(0:2)
OED_TYP3	1	538	(0:2)
OI_OFF	2	539	(0:20)
OI_VAL	6	541	(0:999999)
OI_YN	1	547	(0:2)
PEN_SC1	1	548	(0:8)
PEN_SC2	1	549	(0:8)
PEN_VAL1	6	550	(0:999999)
PEN_VAL2	6	556	(0:999999)
PEN_YN	1	562	(0:2)
PNSN_VAL	7	563	(0:9999999)
POTHVAL	8	570	(-99999:99999999)
PTOT_R	2	578	(0:41)
PTOTVAL	8	580	(-99999:99999999)
RESNSS1	1	588	(0:8)
RESNSS2	1	589	(0:8)
RESNSSI1	1	590	(0:5)
RESNSSI2	1	591	(0:5)
RETCB_VAL	5	592	(0:99999)

RETCB_YN	1	597	(0:2)
RINT_SC1	1	598	(0:7)
RINT_SC2	1	599	(0:7)
RINT_VAL1	6	600	(0:999999)
RINT_VAL2	6	606	(0:999999)
RINT_YN	1	612	(0:2)
RNT_VAL	6	613	(-9999:999999)
RNT_YN	1	619	(0:2)
SRVS_VAL	6	620	(0:999999)
SS_VAL	5	626	(0:99999)
SS_YN	1	631	(0:2)
SSI_VAL	5	632	(0:99999)
SSI_YN	1	637	(0:2)
STRKUC	1	638	(0:2)
SUBUC	1	639	(0:2)
SUR_SC1	2	640	(0:10)
SUR_SC2	2	642	(0:10)
SUR_VAL1	6	644	(00000:999999)
SUR_VAL2	6	650	(00000:999999)
SUR_YN	1	656	(0:2)
TRDINT_VAL	5	657	(0:99999)
TSURVAL1	1	662	(0:1)
TSURVAL2	1	663	(0:1)
UC_VAL	5	664	(0:99999)
UC_YN	1	669	(0:2)
VET_QVA	1	670	(0:2)
VET_TYP1	1	671	(0:2)
VET_TYP2	1	672	(0:2)
VET_TYP3	1	673	(0:2)
VET_TYP4	1	674	(0:2)
VET_TYP5	1	675	(0:2)
VET_VAL	6	676	(0:999999)
VET_YN	1	682	(0:2)
WC_TYPE	1	683	(0:4)
WC_VAL	5	684	(0:99999)
WC_YN	1	689	(0:2)
PAW_MON	2	690	(0:12)
PAW_TYP	1	692	(0:3)
PAW_VAL	5	693	(00000:99999)
PAW_YN	1	698	(0:2)
PENINCL	1	699	(0:2)
PENPLAN	1	700	(0:2)
WICYN	1	701	(0:2)
CHCARE_YN	1	702	(0:2)
CHELSEW_YN	1	703	(0:2)
CHSP_VAL	5	704	(00000:99999)
CHSP_YN	1	709	(0:2)
CSP_VAL	5	710	(0:99999)
CSP_YN	1	715	(0:2)
ACTC_CRD	5	716	(0:99999)

AGI	7	721	(-9999:9999999)
CTC_CRD	5	728	(0:99999)
DEP_STAT	2	733	(00:16)
EIP_CRD	5	735	(0:99999)
EIT_CRED	4	740	(0:9999)
FED_RET	6	744	(0:999999)
FEDTAX_AC	7	750	(-9999:9999999)
FEDTAX_BC	7	757	(0:9999999)
FICA	5	764	(0:99999)
FILESTAT	1	769	(1:6)
MARG_TAX	2	770	(00:99)
PRSWKXPNS	4	772	(0:1999)
STATETAX_A	6	776	(-9999:9999999)
STATETAX_B	6	782	(0:9999999)
TAX_ID	10	788	(000000000:9999999999)
TAX_INC	7	798	(-9999:9999999)
I_ANNVAL	1	805	(0:9)
I_ANNYN	1	806	(0:9)
I_CAPVAL	1	807	(0:9)
I_CAPYN	1	808	(0:9)
I_CHCAREYN	1	809	(0:9)
I_CHELSEWYN	1	810	(0:9)
I_CHSPVAL	1	811	(0:9)
I_CHSPYN	1	812	(0:9)
I_CSPVAL	1	813	(0:9)
I_CSPYN	1	814	(0:9)
I_DISCS	1	815	(0:9)
I_DISHP	1	816	(0:9)
I_DISSC1	1	817	(0:9)
I_DISSC2	1	818	(0:9)
I_DISVL1	1	819	(0:9)
I_DISVL2	1	820	(0:9)
I_DISYN	1	821	(0:9)
I_DIVVAL	1	822	(0:9)
I_DIVYN	1	823	(0:1)
I_DSTSC	1	824	(0:9)
I_DSTSCCOMP	1	825	(0:9)
I_DSTVAL1COMP	2	826	(0:11)
I_DSTVAL2COMP	2	828	(0:11)
I_DSTYNCOMP	2	830	(0:11)
I_EDTYP	1	832	(0:9)
I_EDYN	1	833	(0:9)
I_ERNSRC	1	834	(0:9)
I_ERNVAL	1	835	(0:9)
I_ERNYN	1	836	(0:9)
I_FINVAL	1	837	(0:9)
I_FINYN	1	838	(0:9)
I_FRMVAL	1	839	(0:9)
I_FRMYN	1	840	(0:9)
I_INTVAL	2	841	(0:15)

I_INTYN	2	843	(0:11)
I_OEDVAL	1	845	(0:9)
I_OIVAL	1	846	(0:9)
I_PAWMO	1	847	(0:9)
I_PAWTYP	1	848	(0:9)
I_PAWVAL	1	849	(0:9)
I_PAWYN	1	850	(0:9)
I_PENINC	1	851	(0:9)
I_PENPLA	1	852	(0:9)
I_PENSC1	1	853	(0:9)
I_PENSC2	1	854	(0:9)
I_PENVAL1	1	855	(0:9)
I_PENVAL2	1	856	(0:9)
I_PENYN	1	857	(0:9)
I_RETCBVAL	1	858	(0:9)
I_RETCBYN	1	859	(0:9)
I_RINTSC	1	860	(0:9)
I_RINTVAL1	1	861	(0:9)
I_RINTVAL2	1	862	(0:9)
I_RINTYN	1	863	(0:9)
I_RNTVAL	1	864	(0:9)
I_RNTYN	1	865	(0:9)
I_SEVAL	1	866	(0:9)
I_SEYN	1	867	(0:9)
I_SSIVAL	2	868	(0:15)
I_SSIYN	2	870	(0:11)
I_SSVAL	2	872	(0:15)
I_SSYN	2	874	(0:11)
I_SURSC1	1	876	(0:9)
I_SURSC2	1	877	(0:9)
I_SURVL1	1	878	(0:9)
I_SURVL2	1	879	(0:9)
I_SURYN	1	880	(0:9)
I_UCVAL	2	881	(0:15)
I_UCYN	2	883	(0:11)
I_VETQVA	1	885	(0:9)
I_VETTYP	1	886	(0:9)
I_VETVAL	2	887	(0:15)
I_VETYN	1	889	(0:9)
I_WCTYP	1	890	(0:9)
I_WCVAL	1	891	(0:9)
I_WCYN	1	892	(0:9)
I_WSVAL	1	893	(0:9)
I_WSYN	1	894	(0:9)
RESNSSA	1	895	(0:9)
RESNSSIA	1	896	(0:9)
WICYNA	1	897	(0:1)
TANN_VAL	1	898	(0:1)
TCAP_VAL	1	899	(0:1)
TCERNVAL	1	900	(0:1)

TCFFMVAL	1	901	(0:1)
TCHSP_VAL	1	902	(0:1)
TCSEVAL	1	903	(0:1)
TCSP_VAL	1	904	(0:1)
TCWSVAL	1	905	(0:1)
TDISVAL1	1	906	(0:1)
TDISVAL2	1	907	(0:1)
TDIV_VAL	1	908	(0:1)
TDST_VAL1	1	909	(0:1)
TDST_VAL1_YNG	1	910	(0:1)
TDST_VAL2	1	911	(0:1)
TDST_VAL2_YNG	1	912	(0:1)
TED_VAL	1	913	(0:1)
TFIN_VAL	1	914	(0:1)
TOI_VAL	1	915	(0:1)
TPEN_VAL1	1	916	(0:1)
TPEN_VAL2	1	917	(0:1)
TRINT_VAL1	1	918	(0:1)
TRINT_VAL2	1	919	(0:1)
TRNT_VAL	1	920	(0:1)
TTRDINT_VAL	1	921	(0:1)
PERLIS	2	922	(-1:4)
POV_UNIV	1	924	(0:1)
COV	1	925	(0:2)
COV_CYR	1	926	(0:3)
COV_MULT_CYR	1	927	(0:3)
NOCOV_CYR	1	928	(0:3)
NOW_COV	1	929	(1:2)
I_NOW_PUB	1	930	(0:3)
I_PUB	2	931	(-1:3)
NOW_PUB	1	933	(1:2)
PUB	1	934	(0:2)
PUB_CYR	1	935	(0:3)
DEPPRIV	1	936	(0:2)
I_DEPPRIV	2	937	(-1:3)
I_NOW_DEPPRIV	2	939	(-1:3)
I_NOW_OUTPRIV	2	941	(-1:3)
I_NOW_OWNPRIV	2	943	(-1:3)
I_NOW_PRIV	1	945	(0:3)
I_OUTPRIV	2	946	(-1:3)
I_OWNPRIV	2	948	(-1:3)
I_PRIV	2	950	(-1:3)
NOW_DEPPRIV	1	952	(0:2)
NOW_OUTPRIV	1	953	(0:2)
NOW_OWNPRIV	1	954	(0:2)
NOW_PRIV	1	955	(1:2)
OUTPRIV	1	956	(0:2)
OWNPRIV	1	957	(0:2)
PRIV	1	958	(0:2)
PRIV_CYR	1	959	(0:3)

DEPGRP	1	960	(0:2)
GRP	1	961	(0:2)
GRPFTYP	1	962	(0:2)
GRPFTYP2	1	963	(0:3)
GRPLIN1	2	964	(0:20)
GRPOUT	1	966	(0:2)
HIPAID	1	967	(0:3)
I_DEPGRP	2	968	(-1:3)
I_GRP	2	970	(-1:3)
I_GRPOUT	2	972	(-1:3)
I_HIPAID	2	974	(-1:3)
I_NOW_DEPGRP	2	976	(-1:3)
I_NOW_GRP	1	978	(0:3)
I_NOW_GRPOUT	2	979	(-1:3)
I_NOW_HIPAID	2	981	(-1:3)
I_NOW_OUTGRP	2	983	(-1:3)
I_NOW_OWNGRP	2	985	(-1:3)
I_OUTGRP	2	987	(-1:3)
I_OWNGRP	2	989	(-1:3)
NOW_DEPGRP	1	991	(0:2)
NOW_GRP	1	992	(1:2)
NOW_GRPFTYP	1	993	(0:2)
NOW_GRPFTYP2	1	994	(0:3)
NOW_GRPLIN	2	995	(0:20)
NOW_GRPOUT	1	997	(0:2)
NOW_HIPAID	1	998	(0:3)
NOW_OUTGRP	1	999	(0:2)
NOW_OWNGRP	1	1000	(0:2)
OUTGRP	1	1001	(0:2)
OWNGRP	1	1002	(0:2)
DEPDIR	1	1003	(0:2)
DIR	1	1004	(0:2)
DIRFTYP	1	1005	(0:2)
DIRFTYP2	1	1006	(0:3)
DIRLIN1	2	1007	(0:20)
DIROUT	1	1009	(0:2)
I_DEPDIR	2	1010	(-1:3)
I_DIR	2	1012	(-1:3)
I_DIROUT	2	1014	(-1:3)
I_NOW_DEPDIR	2	1016	(-1:3)
I_NOW_DIR	1	1018	(0:3)
I_NOW_DIROUT	2	1019	(-1:3)
I_NOW_OUTDIR	2	1021	(-1:3)
I_NOW_OWNDIR	2	1023	(-1:3)
I_OUTDIR	2	1025	(-1:3)
I_OWNDIR	2	1027	(-1:3)
NOW_DEPDIR	1	1029	(0:2)
NOW_DIR	1	1030	(1:2)
NOW_DIRFTYP	1	1031	(0:2)
NOW_DIRFTYP2	1	1032	(0:3)

NOW_DIRLIN	2	1033	(0:20)
NOW_DIROUT	1	1035	(0:2)
NOW_OUTDIR	1	1036	(0:2)
NOW_OWNDIR	1	1037	(0:2)
OUTDIR	1	1038	(0:2)
OWNDIR	1	1039	(0:2)
DEPMRK	1	1040	(0:2)
I_DEPMRK	2	1041	(-1:3)
I_MRK	2	1043	(-1:3)
I_MRKOUT	2	1045	(-1:3)
I_NOW_DEPMRK	2	1047	(-1:3)
I_NOW_MRK	1	1049	(0:3)
I_NOW_MRKOUT	2	1050	(-1:3)
I_NOW_OUTMRK	2	1052	(-1:3)
I_NOW_OWNMRK	2	1054	(-1:3)
I_OUTMRK	2	1056	(-1:3)
I_OWNMRK	2	1058	(-1:3)
MRK	1	1060	(0:2)
MRKFTYP	1	1061	(0:2)
MRKFTYP2	1	1062	(0:3)
MRKLIN1	2	1063	(0:20)
MRKOUT	1	1065	(0:2)
NOW_DEPMRK	1	1066	(0:2)
NOW_MRK	1	1067	(1:2)
NOW_MRKFTYP	1	1068	(0:2)
NOW_MRKFTYP2	1	1069	(0:3)
NOW_MRKLIN	2	1070	(0:20)
NOW_MRKOUT	1	1072	(0:2)
NOW_OUTMRK	1	1073	(0:2)
NOW_OWNMRK	1	1074	(0:2)
OUTMRK	1	1075	(0:2)
OWNMRK	1	1076	(0:2)
DEPMRKS	1	1077	(0:2)
I_DEPMRKS	2	1078	(-1:3)
I_MRKS	2	1080	(-1:3)
I_MRKSOUT	2	1082	(-1:3)
I_NOW_DEPMRKS	2	1084	(-1:3)
I_NOW_MRKS	1	1086	(0:3)
I_NOW_MRKSOUT	2	1087	(-1:3)
I_NOW_OUTMRKS	2	1089	(-1:3)
I_NOW_OWNMRKS	2	1091	(-1:3)
I_OUTMRKS	2	1093	(-1:3)
I_OWNMRKS	2	1095	(-1:3)
MRKS	1	1097	(0:2)
MRKSFTYP	1	1098	(0:2)
MRKSFTYP2	1	1099	(0:3)
MRKSLIN1	2	1100	(0:20)
MRKSOUT	1	1102	(0:2)
NOW_DEPMRKS	1	1103	(0:2)
NOW_MRKS	1	1104	(1:2)

NOW_MRKSFTYP	1	1105	(0:2)
NOW_MRKSFTYP2	1	1106	(0:3)
NOW_MRKSLIN	2	1107	(0:20)
NOW_MRKSOUT	1	1109	(0:2)
NOW_OUTMRKS	1	1110	(0:2)
NOW_OWNMRKS	1	1111	(0:2)
OUTMRKS	1	1112	(0:2)
OWNMRKS	1	1113	(0:2)
DEPMRKUN	1	1114	(0:2)
I_DEPMRKUN	2	1115	(-1:3)
I_MRKUN	2	1117	(-1:3)
I_MRKUNOUT	2	1119	(-1:3)
I_NOW_DEPMRKUN	2	1121	(-1:3)
I_NOW_MRKUN	1	1123	(0:3)
I_NOW_MRKUNOUT	2	1124	(-1:3)
I_NOW_OUTMRKUN	2	1126	(-1:3)
I_NOW_OWNMRKUN	2	1128	(-1:3)
I_OUTMRKUN	2	1130	(-1:3)
I_OWNMRKUN	2	1132	(-1:3)
MRKUN	1	1134	(0:2)
MRKUNFTYP	1	1135	(0:2)
MRKUNFTYP2	1	1136	(0:3)
MRKUNLIN1	2	1137	(0:20)
MRKUNOUT	1	1139	(0:2)
NOW_DEPMRKUN	1	1140	(0:2)
NOW_MRKUN	1	1141	(1:2)
NOW_MRKUNFTYP	1	1142	(0:2)
NOW_MRKUNFTYP2	1	1143	(0:3)
NOW_MRKUNLIN	2	1144	(0:20)
NOW_MRKUNOUT	1	1146	(0:2)
NOW_OUTMRKUN	1	1147	(0:2)
NOW_OWNMRKUN	1	1148	(0:2)
OUTMRKUN	1	1149	(0:2)
OWNMRKUN	1	1150	(0:2)
DEPNONM	1	1151	(0:2)
I_DEPNONM	2	1152	(-1:3)
I_NONM	2	1154	(-1:3)
I_NONMOUT	2	1156	(-1:3)
I_NOW_DEPNONM	2	1158	(-1:3)
I_NOW_NONM	1	1160	(0:3)
I_NOW_NONMOUT	2	1161	(-1:3)
I_NOW_OUTNONM	2	1163	(-1:3)
I_NOW_OWNNONM	2	1165	(-1:3)
I_OUTNONM	2	1167	(-1:3)
I_OWNNONM	2	1169	(-1:3)
NONM	1	1171	(0:2)
NONMFTYP	1	1172	(0:2)
NONMFTYP2	1	1173	(0:3)
NONMLIN1	2	1174	(0:20)
NONMOUT	1	1176	(0:2)

NOW_DEPNONM	1	1177	(0:2)
NOW_NONM	1	1178	(1:2)
NOW_NONMFTYP	1	1179	(0:2)
NOW_NONMFTYP2	1	1180	(0:3)
NOW_NONMLIN	2	1181	(0:20)
NOW_NONMOUT	1	1183	(0:2)
NOW_OUTNONM	1	1184	(0:2)
NOW_OWNNONM	1	1185	(0:2)
OUTNONM	1	1186	(0:2)
OWNNONM	1	1187	(0:2)
I_MCAID	2	1188	(-1:3)
I_NOW_MCAID	1	1190	(0:3)
MCAID	1	1191	(0:2)
NOW_MCAID	1	1192	(1:2)
CAID	1	1193	(0:2)
I_CAID	2	1194	(-1:3)
I_NOW_CAID	1	1196	(0:3)
MCAID_CYR	1	1197	(0:3)
NOW_CAID	1	1198	(1:2)
I_NOW_OTHMT	1	1199	(0:3)
I_OTHMT	2	1200	(-1:3)
NOW_OTHMT	1	1202	(1:2)
OTHMT	1	1203	(0:2)
I_NOW_PCHIP	1	1204	(0:3)
I_PCHIP	2	1205	(-1:3)
NOW_PCHIP	1	1207	(1:2)
PCHIP	1	1208	(0:2)
I_MCARE	2	1209	(-1:3)
I_NOW_MCARE	1	1211	(0:3)
MCARE	1	1212	(0:2)
NOW_MCARE	1	1213	(1:2)
I_IHSFLG	2	1214	(-1:3)
I_NOW_IHSFLG	1	1216	(0:3)
IHSFLG	1	1217	(0:2)
NOW_IHSFLG	1	1218	(1:2)
DEPMIL	1	1219	(0:2)
I_DEPMIL	2	1220	(-1:3)
I_MIL	2	1222	(-1:3)
I_MILOUT	2	1224	(-1:3)
I_NOW_DEPMIL	2	1226	(-1:3)
I_NOW_MIL	1	1228	(0:3)
I_NOW_MILOUT	2	1229	(-1:3)
I_NOW_OUTMIL	2	1231	(-1:3)
I_NOW_OWNMIL	2	1233	(-1:3)
I_OUTMIL	2	1235	(-1:3)
I_OWNMIL	2	1237	(-1:3)
MIL	1	1239	(0:2)
MILFTYP	1	1240	(0:2)
MILFTYP2	1	1241	(0:3)
MILLIN1	2	1242	(0:20)

MILOUT	1	1244	(0:2)
NOW_DEPMIL	1	1245	(0:2)
NOW_MIL	1	1246	(1:2)
NOW_MILFTYP	1	1247	(0:2)
NOW_MILFTYP2	1	1248	(0:3)
NOW_MILLIN	2	1249	(0:20)
NOW_MILOUT	1	1251	(0:2)
NOW_OUTMIL	1	1252	(0:2)
NOW_OWNMIL	1	1253	(0:2)
OUTMIL	1	1254	(0:2)
OWNMIL	1	1255	(0:2)
CHAMPVA	1	1256	(0:2)
I_CHAMPVA	2	1257	(-1:3)
I_NOW_CHAMPVA	1	1259	(0:3)
NOW_CHAMPVA	1	1260	(1:2)
I_NOW_VACARE	1	1261	(0:3)
I_VACARE	2	1262	(-1:3)
NOW_VACARE	1	1264	(1:2)
VACARE	1	1265	(0:2)
I_MCPREM	2	1266	(-1:2)
I_MOOP	2	1268	(-1:3)
I_MOOP2	2	1270	(-1:3)
I_PHIPVAL	2	1272	(-1:3)
I_PHIPVAL2	2	1274	(-1:3)
I_PMEDVAL	2	1276	(-1:3)
I_POTCVAL	2	1278	(-1:3)
MOOP	7	1280	(0:9999999)
MOOP2	7	1287	(0:9999999)
PEMCPREM	5	1294	(0000:99999)
PHIP_VAL	6	1299	(0:999999)
PHIP_VAL2	6	1305	(0:999999)
PMED_VAL	6	1311	(0:999999)
POTC_VAL	5	1317	(0:99999)
TPEMCPREM	1	1322	(0:1)
TPHIP_VAL	1	1323	(0:1)
TPHIP_VAL2	1	1324	(0:1)
TPMED_VAL	1	1325	(0:1)
TPOTC_VAL	1	1326	(0:1)
ESICOULD	1	1327	(0:2)
ESIELIG1	1	1328	(0:2)
ESIELIG2	1	1329	(0:2)
ESIELIG3	1	1330	(0:2)
ESIELIG4	1	1331	(0:2)
ESIELIG5	1	1332	(0:2)
ESIELIG6	1	1333	(0:2)
ESIOFFER	1	1334	(0:2)
ESITAKE1	1	1335	(0:2)
ESITAKE2	1	1336	(0:2)
ESITAKE3	1	1337	(0:2)
ESITAKE4	1	1338	(0:2)

ESITAKE5	1	1339	(0:2)
ESITAKE6	1	1340	(0:2)
ESITAKE7	1	1341	(0:2)
ESITAKE8	1	1342	(0:2)
I_ESICOULD	2	1343	(-1:3)
I_ESIELIG1	2	1345	(-1:3)
I_ESIELIG2	2	1347	(-1:3)
I_ESIELIG3	2	1349	(-1:3)
I_ESIELIG4	2	1351	(-1:3)
I_ESIELIG5	2	1353	(-1:3)
I_ESIELIG6	2	1355	(-1:3)
I_ESIOFFER	2	1357	(-1:3)
I_ESITAKE1	2	1359	(-1:3)
I_ESITAKE2	2	1361	(-1:3)
I_ESITAKE3	2	1363	(-1:3)
I_ESITAKE4	2	1365	(-1:3)
I_ESITAKE5	2	1367	(-1:3)
I_ESITAKE6	2	1369	(-1:3)
I_ESITAKE7	2	1371	(-1:3)
I_ESITAKE8	2	1373	(-1:3)
I_PECOULD	2	1375	(-1:3)
I_PEOFFER	2	1377	(-1:3)
I_PEWNELIG1	2	1379	(-1:3)
I_PEWNELIG2	2	1381	(-1:3)
I_PEWNELIG3	2	1383	(-1:3)
I_PEWNELIG4	2	1385	(-1:3)
I_PEWNELIG5	2	1387	(-1:3)
I_PEWNELIG6	2	1389	(-1:3)
I_PEWNTAKE1	2	1391	(-1:3)
I_PEWNTAKE2	2	1393	(-1:3)
I_PEWNTAKE3	2	1395	(-1:3)
I_PEWNTAKE4	2	1397	(-1:3)
I_PEWNTAKE5	2	1399	(-1:3)
I_PEWNTAKE6	2	1401	(-1:3)
I_PEWNTAKE7	2	1403	(-1:3)
I_PEWNTAKE8	2	1405	(-1:3)
PECOULD	1	1407	(0:2)
PEOFFER	1	1408	(0:2)
PEWNELIG1	1	1409	(0:2)
PEWNELIG2	1	1410	(0:2)
PEWNELIG3	1	1411	(0:2)
PEWNELIG4	1	1412	(0:2)
PEWNELIG5	1	1413	(0:2)
PEWNELIG6	1	1414	(0:2)
PEWNTAKE1	1	1415	(0:2)
PEWNTAKE2	1	1416	(0:2)
PEWNTAKE3	1	1417	(0:2)
PEWNTAKE4	1	1418	(0:2)
PEWNTAKE5	1	1419	(0:2)
PEWNTAKE6	1	1420	(0:2)

PEWNTAKE7	1	1421	(0:2)
PEWNTAKE8	1	1422	(0:2)
HEA	1	1423	(1:5)
I_HEA	2	1424	(-1:3)
SPM_Head	1	1426	(0:1)
SPM_ID	8	1427	(0000000:99999999)
SPM_ACTC	5	1435	(0:99999)
SPM_CapHouseSub	5	1440	(00000:99999)
SPM_CapWkCCXpns	6	1445	(0:999999)
SPM_ChildSupPd	5	1457	(0:99999)
SPM_EIP	5	1462	(0:99999)
SPM_EITC	5	1467	(0:999999)
SPM_EngVal	5	1472	(0000:10000)
SPM_EquivScale	6	1477	(0.0000:3.0000)
SPM_FamType	1	1483	(1:5)
SPM_FedTax	7	1484	(-999999:9999999)
SPM_FedTaxBC	7	1491	(-999999:9999999)
SPM_FICA	5	1498	(0:99999)
SPM_GeoAdj	6	1503	(0.0000:2.0000)
SPM_Hage	2	1509	(15:85)
SPM_HHisp	1	1511	(0:1)
SPM_HRace	1	1513	(1:4)
SPM_MedXpns	7	1514	(0:9999999)
SPM_NumAdults	2	1521	(0:20)
SPM_NumKids	2	1523	(0:20)
SPM_NumPer	2	1525	(0:20)
SPM_Poor	1	1527	(0:1)
SPM_PovThreshold	5	1528	(00000:99999)
SPM_Resources	7	1533	(-999999:9999999)
SPM_SchLunch	4	1540	(0000:9999)
SPM_SNAPSub	5	1544	(00000:99999)
SPM_StTax	6	1549	(-9999:999999)
SPM_TenMortStatus	1	1555	(1:3)
SPM_Totval	7	1556	(-999999:9999999)
SPM_wCohabit	1	1563	(0:1)
SPM_Weight	7	1564	(9999:9999999)
SPM_wFoster22	1	1571	(0:1)
SPM_WICval	4	1572	(0000:9999)
SPM_WkXpns	5	1576	(0:99999)
SPM_wNewHead	1	1581	(0:1)
SPM_wNewParent	1	1582	(0:1)
SPM_wUI_LT15	1	1583	(0:1)
MIG_CBST	1	1584	(0:4)
MIG_DIV	2	1585	(0:10)
MIG_DSCP	1	1587	(0:5)
MIG_MTR1	1	1588	(0:9)
MIG_MTR3	1	1589	(0:8)
MIG_MTR4	1	1590	(0:9)
MIG_REG	1	1591	(0:5)
MIG_ST	2	1592	(0:96)

MIGSAME	1	1594	(0:3)
NXTRES	2	1595	(0:20)
I_MIG1	1	1597	(0:5)
I_MIG2	2	1598	(0:10)
I_MIG3	1	1600	(0:5)
I_NXTRES	1	1601	(0:5)

UNITED STATES DEPARTMENT OF COMMERCE
Economics and Statistics Administration
U.S. Census Bureau
Washington, DC 20233-0001

Appendix G:
Source of the Data and Accuracy of the Estimates for the 2021 Annual Social and Economic Supplement Microdata File

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Source of the Data and Accuracy of the Estimates for the 2021 Annual Social and Economic Supplement Microdata File

SOURCE OF THE DATA

The data in this microdata file and the estimates in the reports *Income and Poverty in the United States: 2020*, *Health Insurance Coverage in the United States: 2020*, and *The Supplemental Poverty Measure: 2020* come from the 2021[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 4.0 million institutionalized people in the 2010 Census). Starting in August 2017, college and university dormitories were also excluded from the universe because most of the residents had usual residences elsewhere. Interviewers ask questions concerning labor force participation of each member 15 years old and older in sample households. Typically, the week containing the nineteenth of the month is the interview week. The week containing the twelfth is the reference week (i.e., the week about which the labor force questions are asked).

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

Every ten years, the CPS first-stage sample is redesigned[2] reflecting changes based on the most recent decennial census. In the first stage of the sampling process, primary sampling units (PSUs)[3] were selected for sample. In the 2000 design, the United States was divided into 2,025 PSUs. These were then grouped into 824 strata and one PSU was selected for sample from each stratum. In the 2010 sample design, the United States was divided into

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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, 2021), and "data year" is the year about which the data are obtained (in this case, 2020). 2021 CPS ASEC asks questions of data year 2020, 2020 CPS ASEC asks questions of data year 2019, etc.

2 For detailed information on the 2010 sample redesign, please refer to Bureau of Labor Statistics (2014).

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

1,987 PSUs. These PSUs were then grouped into 852 strata. Within each stratum, a single PSU was chosen for the sample, with its probability of selection proportional to its population as of the most recent decennial census. In the case of strata consisting of only one PSU, the PSU was chosen with certainty.

In April 2014, the Census Bureau began phasing out the 2000 sample and replaced it with the 2010 sample, creating a mixed sampling frame. Two simultaneous changes occurred during this phase-in period. First, within the PSUs selected for both the 2000 and 2010 designs, sample households from the 2010 design gradually replaced sample households from the 2000 design. Second, new PSUs selected for only the 2010 design gradually replaced outgoing PSUs selected for only the 2000 design. By July 2015, the new 2010 sample design was completely implemented and the sample came entirely from the 2010 redesigned sample.

Approximately 69,000 sampled addresses were selected from the sampling frame for the basic CPS. Based on eligibility criteria, nine 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).[4] Of all addresses in sample, about 59,000 were determined to be eligible for interview. Interviewers obtained interviews at about 44,900 of the housing units at these addresses.[5] Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason. Table 1 summarizes historical changes in the CPS design.

The 2021 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.

---

[4] For further information on CATI and CAPI and the eligibility criteria, please refer to U.S. Census Bureau (2019e).

[5] Due to health and safety concerns stemming from the spread of COVID-19, March CPS interviewing was impacted. For the safety of both interviewers and respondents, in-person interviews were only conducted when telephone interviews could not be done. These procedural changes resulted in higher nonresponse for both the basic CPS and the ASEC Supplement. For additional information on the impacts of COVID-19 on the CPS ASEC, please refer to Subsection "Impact of the Coronavirus Pandemic" within Section "Comparability of Data".

- Program participation.
- Educational attainment.

Including the basic CPS sample, approximately 90,800 addresses were in sample for the CPS ASEC. About 79,300 sampled addresses were determined to be eligible for interview, and about 62,800 interviews were conducted (see Table 1).

The additional sample for the CPS ASEC provides more reliable data than the basic CPS for Hispanic households, non-Hispanic minority households, and non-Hispanic White households with children 18 years or younger. These households were identified for sample from previous months and the following April. For more information about the households eligible for the CPS ASEC, please refer to U.S. Census Bureau (2019e).

Table 1. Description of the March Basic Current Population Survey and Annual Social and Economic Supplement Sample Cases

Time period	Number of sample PSUs[A]	Basic CPS[B] sampled addresses eligible		Total (CPS ASEC[C]/ADS[D] + basic CPS) sampled addresses eligible	
		Interviewed	Not interviewed	Interviewed	Not interviewed
2021	852	44,900	14,100	62,800	16,500
2020	852	43,600	16,100	60,400	19,000
2019	852	48,900	11,100	68,300	13,600
2018	852	50,800	9,900	67,900	11,500
2017	852	52,400	9,300	70,000	10,900
2016	852	52,000	9,100	69,500	10,600
2015	852	52,900	8,200	74,300	10,300
2014 Redesign[E]	824	17,200	2,200	22,700	2,600
2014 Traditional[F]	824	35,500	4,600	51,500	5,800
2014	824	52,700	6,800	--	--
2013	824	52,900	6,400	75,500	7,700
2012	824	53,300	5,800	75,100	7,200
2011	824	53,400	5,300	75,900	6,500
2010	824	54,100	4,600	77,000	5,700
2009	824	54,100	4,600	76,200	5,700
2008	824	53,800	5,100	75,900	6,400
2007	824	53,700	5,600	75,500	7,100
2006	824	54,000	5,400	76,000	7,100
2005	[G]754/824	54,400	5,700	76,500	7,500
2004	754	55,000	5,200	77,700	7,000
2003	754	55,500	4,500	78,300	6,800
2002	754	55,500	4,500	78,300	6,600
2001	754	46,800	3,200	49,600	4,300
2000	754	46,800	3,200	51,000	3,700

Time period	Number of sample PSUs[A]	Basic CPS[B] sampled addresses eligible		Total (CPS ASEC[C]/ADS[D] + basic CPS) sampled addresses eligible	
		Interviewed	Not interviewed	Interviewed	Not interviewed
1999	754	46,800	3,200	50,800	4,300
1998	754	46,800	3,200	50,400	5,200
1997	754	46,800	3,200	50,300	3,900
1996	754	46,800	3,200	49,700	4,100
1995	792	56,700	3,300	59,200	3,800
1990 to 1994	729	57,400	2,600	59,900	3,100
1989	729	53,600	2,500	56,100	3,000
1986 to 1988	729	57,000	2,500	59,500	3,000
1985	[H]629/729	57,000	2,500	59,500	3,000
1982 to 1984	629	59,000	2,500	61,500	3,000
1980 to 1981	629	65,500	3,000	68,000	3,500
1977 to 1979	614	55,000	3,000	58,000	3,500
1976	624	46,500	2,500	49,000	3,000
1973 to 1975	461	46,500	2,500	49,000	3,000
1972	[I]449/461	45,000	2,000	45,000	2,000
1967 to 1971	449	48,000	2,000	48,000	2,000
1963 to 1966	357	33,400	1,200	33,400	1,200
1960 to 1962	333	33,400	1,200	33,400	1,200
1959	330	33,400	1,200	33,400	1,200

Source: U.S. Census Bureau, Current Population Survey, 1959-2021 Annual Social and Economic Supplement.

A PSUs are primary sampling units.

B CPS is the Current Population Survey.

C CPS ASEC is the Annual Social and Economic Supplement of the Current Population Survey.

D The CPS ASEC was referred to as the Annual Demographic Supplement (ADS) until 2002.

E The 2014 CPS ASEC Redesign indicates the subsample of the basic CPS households which received the redesigned ASEC questionnaire incorporating new income and health insurance questions.

F The 2014 CPS ASEC Traditional indicates the subsample of the basic CPS households which received the the same ASEC questionnaire that was used in the 2013 CPS ASEC.

G The Census Bureau redesigned the CPS following the Census 2000. During phase-in of the new design, addresses from the new and old designs were in the sample.

H The Census Bureau redesigned the CPS following the 1980 Decennial Census of Population and Housing.

I The Census Bureau redesigned the CPS following the 1970 Decennial Census of Population and Housing.

Estimation Procedure. This survey's estimation procedure adjusts weighted sample results to agree with independently derived population controls of the civilian noninstitutionalized population of the United States, each state, and the District of Columbia. These population controls[6] are prepared monthly as part of the Census Bureau's Population Estimates Program.

6 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 (2019e).

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

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

The population controls for the states are distributed by:

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

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

The net international migration component of the population controls includes:

- Net international migration of the foreign born;
- Net migration between the United States and Puerto Rico;
- Net migration of natives to and from the United States; and
- Net movement of the Armed Forces population to and from the United States.

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

The estimation procedure of the CPS ASEC includes a further adjustment to give married and unmarried partners the same weight.

ACCURACY OF THE ESTIMATES

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

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 2021 ASEC, the basic CPS household-level unweighted nonresponse rate was 20.7 percent. The household-level unweighted nonresponse rate for the ASEC was an additional 18.0 percent. These two nonresponse rates lead to a combined supplement unweighted nonresponse rate of 35.0 percent.[7]

[7] Because the ASEC is at the household level, the overall/combined ASEC response rate is a product of the basic CPS response rate and the ASEC response rate.

In accordance with Census Bureau and Office of Management and Budget Quality Standards, the Census Bureau will conduct an analysis to assess nonresponse bias in the 2021 CPS ASEC.

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

As a result of sufficient partial interviews being considered responses, individual items/questions have their own response and refusal rates. As part of the nonsampling error analysis, the item response rates, item refusal rates, and edits are reviewed. For the CPS ASEC, the unweighted item refusal rates range from 0.0 percent to 5.0 percent. The unweighted item allocation rates range from 22.5 percent to 73.5 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 2021 is estimated to be about nine percent. CPS coverage varies with age, sex, and race. Generally, coverage is higher for females than for males and higher for non-Blacks than for Blacks. This differential coverage is a general problem for most household-based surveys.

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

A common measure of survey coverage is the coverage ratio, calculated as the estimated population before poststratification divided by the independent population control. Table 2 shows March 2021 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 2. Current Population Survey Coverage Ratios: March 2021

Age group	Total			White alone		Black alone		Residual race[A]		Hispanic[B]	
	All people	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-15	0.85	0.86	0.85	0.92	0.91	0.68	0.64	0.75	0.77	0.87	0.82
16-19	0.86	0.87	0.85	0.89	0.87	0.77	0.79	0.88	0.78	0.91	0.87
20-24	0.76	0.76	0.75	0.78	0.78	0.69	0.69	0.74	0.70	0.73	0.72
25-34	0.82	0.80	0.84	0.84	0.90	0.57	0.63	0.78	0.79	0.79	0.87
35-44	0.90	0.89	0.92	0.92	0.96	0.76	0.81	0.85	0.83	0.82	0.91
45-54	0.90	0.88	0.91	0.91	0.93	0.81	0.82	0.78	0.94	0.83	0.90
55-64	0.96	0.95	0.97	0.97	0.99	0.85	0.92	0.89	0.85	0.82	0.83
65+	1.02	1.02	1.01	1.05	1.03	0.92	0.96	0.82	0.82	0.88	0.88
15+	0.91	0.89	0.92	0.93	0.95	0.76	0.81	0.82	0.82	0.82	0.86
0+	0.90	0.89	0.90	0.93	0.94	0.74	0.77	0.80	0.81	0.83	0.85

Source: U.S. Census Bureau, Current Population Survey, March 2021.

[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. These differences are examples of nonsampling variability not reflected in the standard errors. Therefore, caution should be used when comparing results from different sources.

Data users should be aware that estimates in the reports, *Income and Poverty in the United States: 2020*, *Health Insurance Coverage in the United States: 2020*, and *The Supplemental Poverty Measure: 2020,* use the internal CPS ASEC file. The Census Bureau must keep survey responses confidential, so disclosure avoidance techniques are applied to files prior to public release. Therefore, some estimates using the microdata files may differ from the estimates provided in the reports.

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

Caution should also be used when comparing CPS ASEC results from different years. Below, more detail is provided on several reasons for caution when comparing estimates across years.

Impact of the Coronavirus Pandemic. Data users should exercise caution when comparing estimates for data years 2019 and 2020 from the reports or from the microdata files to those from previous years due to the effects that the coronavirus (COVID-19) had on

interviewing and response rates. Interviewing for the March 2020 CPS began on March 15, 2020. In order to protect the health and safety of Census Bureau staff and respondents, the survey suspended in-person interviewing and closed the two CATI contact centers on March 20, 2020. For the rest of March and through April 2020, the Census Bureau continued to attempt all interviews by phone. For those whose first month in the survey was March or April 2020, the Census Bureau used vendor-provided telephone numbers associated with the sample address.

While the Census Bureau went to great lengths to complete interviews by telephone, the response rate for the CPS basic household survey in March 2020 was 73 percent, about 10 percentage points lower than in preceding months and the same period in 2019. Further, as the Bureau of Labor Statistics (2020) stated in their Frequently Asked Questions accompanying the April 3, 2020 release of The Employment Situation for March 2020, "Response rates for households normally more likely to be interviewed in person were particularly low. The response rate for households entering the sample for their first month was over 20 percentage points lower than in recent months, and the rate for those in the fifth month was over 10 percentage points lower."

In 2021, for the safety of both interviewers and respondents, in-person interviews were only conducted when telephone interviews could not be done. In March 2021, the response rate for the CPS basic household survey improved to about 76[8] percent. While the response rate improved, it is important to examine how respondents differ from nonrespondents as this difference could affect income and poverty estimates. Using administrative data, Census Bureau researchers have documented that there are more (and larger) differences between respondents and nonrespondents in 2020 and 2021 than in earlier years. Of particular interest for the estimates in the ASEC reports are the differences in median income and educational attainment, indicating that respondents in 2020 and 2021 had relatively higher income and were more educated than nonrespondents.[9]

<u>Change in Processing System</u>. Data users should exercise caution when comparing estimates from the CPS ASEC for data years 2020, 2019, and 2018 to estimates from earlier years. An updated data processing system was implemented beginning with data year 2018 estimates. This system introduced demographic edit changes to account for same-sex couples, revised procedures for editing income and health insurance variables, and added several new income and health insurance variables. Changes to the editing procedures encompassed both changes to the resolution of logically inconsistent data and changes to the imputation methods. The 2019, 2020, and 2021 CPS ASEC estimates for data years 2018, 2019, and 2020 can be compared to the 2018 CPS ASEC Bridge Files[10], which contain data year 2017 estimates, and to

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[8] This value differs from the response rate obtained using the values in the "Nonresponse" section because this value is specifically for March CPS whereas the values in the "Nonresponse" section are for the full CPS sample that was eligible for ASEC.

[9] For additional information, please refer to Rothbaum & Bee (2020) and U.S. Census Bureau (2021).

[10] For additional information on the 2018 CPS ASEC Bridge Files, please refer to the Documentation and User Notes in U.S. Census Bureau (2019b).

the 2017 CPS ASEC Research Files[11], which contain estimates for data year 2016. The 2017 Research File and the 2018 Bridge File both use the new processing system and serve as a bridge between the legacy production files and the updated processing system. Data users should be aware that the estimates from the 2017 and 2018 CPS ASEC Files for data years 2016 and 2017 using the legacy processing system are not directly comparable to 2019 CPS ASEC, 2020 CPS ASEC, and 2021 CPS ASEC estimates.

Change in Questionnaire. In 2014, the ASEC questionnaire was resigned to incorporate new income and health insurance questions. Due to the differences in measurement, health insurance estimates for 2014-2017 CPS ASEC for data years 2013-2016 are not directly comparable to health insurance estimates for previous years.[12] 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.[13]

Change in Census-Based Controls. Data users should exercise caution when comparing estimates for 2020 from the microdata file or from the ASEC reports, *Income and Poverty in the United States: 2020* and *Health Insurance Coverage in the United States: 2020* (which reflect 2010 Census-based controls), with estimates from the microdata files or ASEC Reports for 2001 to 2010 (from March 2002 CPS to March 2011 CPS), which reflect 2000 Census-based controls, and to 1993 to 2000 (from March 1994 CPS to March 2001 CPS), which reflect 1990 Census-based controls. Ideally, the same population controls should be used when comparing any estimates. In reality, the use of the same population controls is not practical when comparing trend data over a period of 10 to 20 years. Thus, when it is necessary to combine or compare data based on different controls or different designs, data users should be aware that changes in weighting controls or weighting procedures could create small differences between estimates.

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

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[11] For additional information on the 2017 CPS ASEC Research Files, please refer to the Documentation and User Notes in U.S. Census Bureau (2019a).

[12] For more information, refer to U.S. Census Bureau (2019f).

[13] For more details on the adjustment for these comparisons, refer to U.S. Census Bureau (2019g).

Users should also exercise caution because of changes caused by the phase-in of the 2010 Census files (see "Basic CPS").[14] During this time period, CPS data were collected from sample designs based on different censuses. Two features of the new CPS design have the potential of affecting estimates: (1) the temporary disruption of the rotation pattern from August 2014 through June 2015 for a comparatively small portion of the sample and (2) the change in sample areas. Most of the known effect on estimates during and after the sample redesign will be the result of changing from 2000 to 2010 geographic definitions.

Research has shown that the national-level estimates of the metropolitan and nonmetropolitan populations should not change appreciably because of the new sample design. However, users should still exercise caution when comparing metropolitan and nonmetropolitan estimates across years with a design change, especially at the state level.

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

For additional information on nonsampling error, including the possible impact on CPS data, when known, refer to U.S. Census Bureau (2019e) and Brooks & Bailar (1978).

Estimation of Median Incomes. The Census Bureau has changed the methodology for computing median income over time. The Census Bureau has computed medians using either Pareto interpolation or linear interpolation. Currently, we are using linear interpolation to estimate all medians. Pareto interpolation assumes a decreasing density of population within an income interval, whereas linear interpolation assumes a constant density of population within an income interval.

The Census Bureau calculated estimates of median income and associated standard errors for 1979 through 1987 using Pareto interpolation if the estimate was larger than $20,000 for people or $40,000 for families and households. We calculated estimates of median income and associated standard errors for 1976, 1977, and 1978 using Pareto interpolation if the estimate was larger than $12,000 for people or $18,000 for families and households. All other estimates of median income and associated standard errors for 1976 through 2020 (2021 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

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

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 and Poverty in the United States: 2020, Health Insurance Coverage in the United States: 2020*, and *The Supplemental Poverty Measure: 2020* 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: 2020* shows the numbers for health insurance. For the statement, "8.6 percent of people did not have health insurance at any point during the year," the 90-percent confidence interval for the estimate, 8.6 percent, is 8.6 (± 0.2) percent, or 8.4 percent to 8.8 percent.[15]

[15] Note that the confidence interval here does not match the confidence interval given in Illustration 3 because the standard errors/margin of errors were calculated in two different ways. The margin of errors within the tables in the reports are calculated using direct estimates, whereas the standard errors within the illustrations later in this document are calculated using generalized variance estimates.

Estimating Standard Errors. The Census Bureau uses replication methods to estimate the standard errors of CPS and ASEC estimates. These methods primarily measure the magnitude of sampling error. However, they do measure some effects of nonsampling error as well. They do not measure systematic biases in the data associated with nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

There are two ways to calculate standard errors for the 2021 CPS ASEC microdata file.

1. Direct estimates created from replicate weighting methods;
2. Generalized variance estimates created from generalized variance function (GVF) parameters *a* and *b*.

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

The *Income and Poverty in the United States: 2020*, *Health Insurance Coverage in the United States: 2020*, and *The Supplemental Poverty Measure: 2020* reports use replicate weights to calculate the margins of error of the estimates seen in tables and throughout the reports. In 2009, the Census Bureau released replicate weights for the 2005 through 2009 CPS ASEC collection years and has released replicate weights for each year since with the release of the CPS ASEC public use data. Since the published GVF parameters generally underestimated standard errors, standard errors produced using direct estimates may be higher than in previous reports. For most CPS ASEC estimates, the increase in standard errors from GVF to direct estimates will not alter the findings. However, marginally significant differences using the GVF may not be significant using replicate weights.

The examples in this source and accuracy statement are for guidance calculating standard errors using the generalized variance parameters. The use of generalized variance parameters is the recommended method of calculating standard errors for data users who do not have the ability to calculate the standard errors using replicate weights.

Replicate Weighting. The Census Bureau is releasing public use replicate weight files for the 2021 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:

$$\mathrm{var}(\hat{\theta}_0) = \frac{4}{160}\sum_{i=1}^{160}(\hat{\theta}_i - \hat{\theta}_0)^2 \qquad (1)$$

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 (2009).

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

Experience has shown that certain groups of estimates have similar relationships between their variances and expected values. Modeling or generalizing may provide more stable variance estimates by taking advantage of these similarities. The GVF is a simple model that expresses the variance as a function of the expected value of the survey estimate. The parameters of the GVF are estimated using direct replicate variances. These GVF parameters provide a relatively easy method to obtain approximate standard errors for numerous characteristics.

In this source and accuracy statement:

- Tables 4 through 17 provide illustrations for calculating standard errors;
- Table 18 provides the GVF parameters for labor force estimates;
- Table 19 provides GVF parameters for characteristics from the 2021 CPS ASEC;
- Tables 20 and 21 provide correlation coefficients for comparing estimates from consecutive years;
- Table 22 provides correlation coefficients between race and subgroups; and
- Tables 23 and 24 provide factors and population controls to derive state and regional parameters.

The basic CPS questionnaire records the race and ethnicity of each respondent. With respect to race, a respondent can be White, Black, Asian, American Indian and Alaskan

Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI), or combinations of two or more of the preceding. A respondent's ethnicity can be Hispanic or non-Hispanic, regardless of race.

The GVF parameters to use in computing standard errors are dependent upon the race/ethnicity group of interest. Table 3 summarizes the relationship between the race/ethnicity group of interest and the GVF parameters to use in standard error calculations.

Table 3. Estimation Groups of Interest and Generalized Variance Parameters

Race/ethnicity group of interest	Generalized variance parameters to use in standard error calculations
Total population	Total or White
White alone, White alone or in combination (AOIC), or White non-Hispanic population	Total or White
Black alone, Black AOIC, or Black non-Hispanic population	Black
Asian alone, Asian AOIC, or Asian non-Hispanic population	Asian, American Indian and Alaska Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI)
AIAN alone, AIAN AOIC, or AIAN non-Hispanic population	Asian, AIAN, NHOPI
NHOPI alone, NHOPI AOIC, or NHOPI non-Hispanic population	Asian, AIAN, NHOPI
Populations from other race groups	Asian, AIAN, NHOPI
Hispanic[A] population	Hispanic[A]
Two or more races[B] – employment/unemployment and educational attainment characteristics	Black
Two or more races[B] – all other characteristics	Asian, AIAN, NHOPI

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

[A] Hispanics may be any race.

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

Note: The AOIC population for a race group of interest includes people reporting only the race group of interest (alone) and people reporting multiple race categories including the race group of interest (in combination).

When calculating standard errors for an estimate of interest from cross-tabulations involving different characteristics, use the set of GVF parameters for the characteristic that will give the largest standard error. If the estimate of interest is strictly from basic CPS data, the GVF parameters will come from the CPS GVF table (Table 18). If the estimate is using ASEC data, the GVF parameters will come from the ASEC GVF table (Table 19).

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

$$s_x = \sqrt{ax^2 + bx} \tag{2}$$

Here x is the size of the estimate, and a and b are the parameters in Table 18 or 19 associated with the particular type of characteristic.

Illustration 1

Suppose there were 4,416,000 unemployed females (ages 16 and up) in the civilian labor force. Table 4 shows how to use the appropriate parameters from Table 18 and Formula (2) to estimate the standard error and confidence interval.

Table 4. Illustration of Standard Errors of Estimated Numbers

Number of unemployed females in the civilian labor force (x)	4,416,000
a-parameter (a)	-0.000028
b-parameter (b)	2,788
Standard error	108,000
90-percent confidence interval	4,238,000 to 4,594,000

Source: U.S. Census Bureau, Current Population Survey, March 2021.

The standard error is calculated as

$$s_x = \sqrt{-0.000028 \times 4{,}416{,}000^2 + 2{,}788 \times 4{,}416{,}000},$$

which, rounded to the nearest thousand, is 108,000. The 90-percent confidence interval is calculated as 4,416,000 ± 1.645 × 108,000.

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

Illustration 2

Suppose there were 61,454,000 married-couple family households. Table 5 shows how to use the appropriate parameters from Table 19 and Formula (2) to estimate the standard error and confidence interval.

Table 5. Second Illustration of Standard Errors of Estimated Numbers

Number of married-couple family households (x)	61,454,000
a-parameter (a)	-0.000008
b-parameter (b)	3,051
Standard error	397,000
90-percent confidence interval	60,801,000 to 62,107,000

Source: U.S. Census Bureau, Current Population Survey, 2021 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_x = \sqrt{-0.000008 \times 61{,}454{,}000^2 + 3{,}051 \times 61{,}454{,}000}$$

which, rounded to the nearest thousand, is 397,000. The 90-percent confidence interval is calculated as 61,454,000 ± 1.645 × 397,000.

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

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the percentage and its base. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the parameter from Table 18 or 19 as indicated by the numerator.

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

$$s_{y,p} = \sqrt{\frac{b}{y} p(100 - p)} \qquad (3)$$

Here y is the total number of people, families, households, or unrelated individuals in the base or denominator of the percentage, p is the percentage $100*x/y$ ($0 \le p \le 100$), and b is the parameter in Table 18 or 19 associated with the characteristic in the numerator of the percentage.

Illustration 3

The report, *Health Insurance Coverage in the United States: 2020*, shows that there were 27,957,000 out of 325,638,000 people, or 8.6 percent, who did not have health insurance. Table 6 shows how to use the appropriate parameters from Table 19 and Formula (3) to estimate the standard error and confidence interval.

Table 6. Illustration of Standard Errors of Estimated Percentages

Percentage of people without health insurance (p)	8.6
Base (y)	325,638,000
b-parameter (b)	2,981
Standard error	0.08
90-percent confidence interval	8.5 to 8.7

Source: U.S. Census Bureau, Current Population Survey, 2021 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{2{,}981}{325{,}638{,}000} \times 8.6 \times (100.0 - 8.6)} = 0.08$$

and the 90-percent confidence interval for the estimated percentage of people without health insurance is from 8.5 to 8.7 percent (i.e., 8.6 ± 1.645 × 0.08).

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

$$s_{x_1 - x_2} = \sqrt{s_{x_1}^2 + s_{x_2}^2 - 2r s_{x_1} s_{x_2}} \qquad (4)$$

where s_{x_1} and s_{x_2} are the standard errors of the estimates, x_1 and x_2. The estimates can be numbers, percentages, ratios, etc. Tables 20 and 21 contain the correlation coefficient, *r*, for CPS year-to-year comparisons for CPS poverty, income, and health insurance estimates of numbers and proportions. Table 22 contains the correlation coefficient *r* for making comparisons between race categories that are subsets of one another. For example, to compare the number of people in poverty who listed White as their only race to the number of people in poverty who are White alone or in combination with another race, a correlation coefficient is needed to account for the large overlap between the two groups. For making other comparisons (including race overlapping where one group is not a complete subset of the other), assume that *r* equals zero. Making this assumption will result in accurate estimates of standard errors for the difference between two estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. However, if there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

<u>Illustration 4</u>
Suppose there were 27,275,000 men over age 24 who were never married and 10,749,000 men over age 24 who were divorced. The apparent difference is 16,526,000. Table 7 shows how to use Formulas (2) and (4) with *r* = 0 and the appropriate parameters from Table 19 to estimate the standard errors and confidence intervals.

Table 7. Illustration of Standard Errors of Estimated Differences

	Never married (x_1)	Divorced (x_2)	Difference
Number of males over age 24	27,275,000	10,749,000	16,526,000
a-parameter (a)	-0.000008	-0.000008	-
b-parameter (b)	2,713	2,713	-
Standard error	261,000	168,000	310,000
90-percent confidence interval	26,846,000 to 27,704,000	10,473,000 to 11,025,000	16,016,000 to 17,036,000

Source: U.S. Census Bureau, Current Population Survey, 2021 Annual Social and Economic Supplement.

The standard error of the difference is calculated as

$$s_{x_1 - x_2} = \sqrt{261{,}000^2 + 168{,}000^2}$$

which, rounded to the nearest thousand, is 310,000. The 90-percent confidence interval around the difference is calculated as 16,526,000 ± 1.645 × 310,000. Since this interval does not include zero, we can conclude with 90-percent confidence that the number of never-married men over age 24 was higher than the number of divorced men over age 24.

Illustration 5

The report, *Income and Poverty in the United States: 2020*, shows that 10,466,000 out of 72,637,000 children, or 14.5 percent, were reported as in poverty in 2019, and that 11,607,000 out of 72,295,000, or 16.1 percent, were in poverty in 2020. The apparent difference is 1.6 percent. Table 8 shows how to use the appropriate parameters from Table 19 and Formulas (3) and (4) to estimate the standard error and confidence interval.

Table 8. Second Illustration of Standard Errors of Estimated Differences

	2019 (x_1)	2020 (x_2)	Difference
Percentage of children in poverty (p)	14.5[A]	16.1	1.6
Base	72,637,000	72,295,000	-
b-parameter (b)	3,781[B]	3,503	-
Correlation coefficient (r)	-	-	0.45
Standard error	0.25	0.26	0.27
90-percent confidence interval	14.1 to 14.9	15.7 to 16.5	1.2 to 2.0

Source: U.S. Census Bureau, Current Population Survey, 2020-2021 Annual Social and Economic Supplement.

[A] There may be a difference due to rounding.

[B] This value comes from the Source and Accuracy Statement for the 2020 Annual Social and Economic Supplement, Appendix G, Table 19 in U.S. Census Bureau (2020). For additional information, refer to the "Year-to-Year Factors" section.

The standard error of the difference is calculated as

$$s_{x_1 - x_2} = \sqrt{0.25^2 + 0.26^2 - 2 \times 0.45 \times 0.25 \times 0.26} = 0.27$$

and the 90-percent confidence interval around the difference is calculated as 1.6 ± 1.645 × 0.27. Since this interval does not include zero, we can conclude with 90-percent confidence that the percentage of children in poverty in 2020 is significantly more than the percentage of children in poverty in 2019.

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

$$s_{x/y} = \frac{x}{y}\sqrt{\left(\frac{s_x}{x}\right)^2 + \left(\frac{s_y}{y}\right)^2 - 2\frac{s_x s_y}{xy}} \qquad (5)$$

The standard error of the numerator, s_x, and that of the denominator, s_y, may be calculated using formulas described earlier. In Formula (5), r represents the correlation between the numerator and the denominator of the estimate.

For one type of ratio, the denominator is a count of families or households and the numerator is a count of people in those families or households with a certain characteristic. If there is at least one person with the characteristic in every family or household, use 0.7 as an estimate of r. An example of this type is the average number of children per family with children.

For all other types of ratios, r is assumed to be zero. Examples are the average number of children per family and the family poverty rate. If r is actually positive (negative), then this procedure will provide an overestimate (underestimate) of the standard error of the ratio.

Note: For estimates expressed as the ratio of x per 100 y or x per 1,000 y, multiply Formula (5) by 100 or 1,000, respectively, to obtain the standard error.

Illustration 6

Suppose there were 10,332,000 males working part-time and 16,694,000 females working part-time. The ratio of males working part-time to females working part-time would be 0.619, or 61.9 percent. Table 9 shows how to use the appropriate parameters from Table 18 and Formulas (2) and (5) with r = 0 to estimate the standard errors and confidence intervals.

Table 9. Illustration of Standard Errors of Estimated Ratios

	Males (x)	Females (y)	Ratio
Number who work part-time	10,332,000	16,694,000	0.619
a-parameter (a)	-0.000031	-0.000028	-
b-parameter (b)	2,947	2,788	-
Standard error	165,000	197,000	0.012
90-percent confidence interval	10,061,000 to 10,603,000	16,370,000 to 17,018,000	0.599 to 0.639

Source: U.S. Census Bureau, Current Population Survey, March 2021.

The standard error is calculated as

$$s_{x/y} = \frac{10{,}332{,}000}{16{,}694{,}000}\sqrt{\left(\frac{165{,}000}{10{,}332{,}000}\right)^2 + \left(\frac{197{,}000}{16{,}694{,}000}\right)^2} = 0.012$$

and the 90-percent confidence interval is calculated as 0.619 ± 1.645 × 0.012.

Illustration 7

The report, *Income and Poverty in the United States: 2020*, shows that the number of families below the poverty level, x, was 7,294,000 and the total number of families, y, was 83,918,000. The ratio of families below the poverty level to the total number of families would be 0.087 or 8.7 percent. Table 10 shows how to use the appropriate parameters

from Table 19 and Formulas (2) and (5) with r = 0 to estimate the standard errors and confidence intervals.

Table 10. Second Illustration of Standard Errors of Estimated Ratios

	In poverty (x)	Total (y)	Ratio (in percent)
Number of families	7,294,000	83,918,000	8.7
a-parameter (a)	0.000152	-0.000008	-
b-parameter (b)	3,132	3,051	-
Standard error	176,000	447,000	0.21
90-percent confidence interval	7,004,000 to 7,584,000	83,183,000 to 84,653,000	8.4 to 9.0

Source: U.S. Census Bureau, Current Population Survey, 2021 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_{x/y} = \frac{7{,}294{,}000}{83{,}918{,}000}\sqrt{\left(\frac{176{,}000}{7{,}294{,}000}\right)^2 + \left(\frac{447{,}000}{83{,}918{,}000}\right)^2} = 0.0021 = 0.21\%$$

and the 90-percent confidence interval of the percentage is calculated as 8.7 ± 1.645 × 0.21.

<u>Standard Errors of Estimated Medians</u>. The sampling variability of an estimated median depends on the form of the distribution and the size of the base. One can approximate the reliability of an estimated median by determining a confidence interval about it. (See "Standard Errors and Their Use" for a general discussion of confidence intervals.)

Estimate the 68-percent confidence limits of a median based on sample data using the following procedure:

1. Using Formula (3) and the base of the distribution, calculate the standard error of 50 percent.

2. Add to and subtract from 50 percent the standard error determined in step 1. These two numbers are the percentage limits corresponding to the 68-percent confidence interval about the estimated median.

3. Using the distribution of the characteristic, determine upper and lower limits of the 68-percent confidence interval by calculating values corresponding to the two points established in step 2.

   Note: The percentage limits found in step 2 may or may not fall in the same characteristic distribution interval.

   Use the following formula to calculate the upper and lower limits:

$$X_p = \frac{pN - N_1}{N_2 - N_1}(A_2 - A_1) + A_1 \qquad (6)$$

where

X_p = estimated upper and lower bounds for the confidence interval ($0 \le p \le 1$). 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 8</u>
The report, *Income and Poverty in the United States: 2020*, shows that there were 129,931,000 households, and their income was distributed as shown in Table 11.

Table 11. Distribution of Household Income for Illustration 8

Income level	Number of households	Cumulative number of households	Cumulative percent of households
Under $5,000	4,211,000	4,211,000	3.24%
$5,000 to $9,999	2,926,000	7,137,000	5.49%
$10,000 to $14,999	5,109,000	12,246,000	9.43%
$15,000 to $24,999	11,276,000	23,522,000	18.10%
$25,000 to $34,999	10,515,000	34,037,000	26.20%
$35,000 to $49,999	15,069,000	49,106,000	37.79%
$50,000 to $74,999	21,417,000	70,523,000	54.28%
$75,000 to $99,999	15,807,000	86,330,000	66.44%
$100,000 and over	43,601,000	129,931,000[A]	100.00% [A]

Source: U.S. Census Bureau, Current Population Survey, 2021 Annual Social and Economic Supplement.
[A] There may be a difference due to rounding.

1. Using Formula (3) with b = 3,735, the standard error of 50 percent on a base of 129,931,000 is about 0.27 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 49.73 and 50.27.

3. The lower and upper limits for the interval in which the percentage limits falls are $50,000 and $75,000, respectively.

   Then the estimated numbers of households with an income less than or equal to $50,000 and $75,000 are 49,106,000 and 70,523,000, respectively.

   Using Formula (6), the lower limit for the confidence interval of the median is found to be about

$$X_{0.4973} = \frac{0.4973 \times 129{,}931{,}000 - 49{,}106{,}000}{70{,}523{,}000 - 49{,}106{,}000}(75{,}000 - 50{,}000) + 50{,}000 = 68{,}103$$

   Similarly, the upper limit is found to be about

$$X_{0.5027} = \frac{0.5027 \times 129{,}931{,}000 - 49{,}106{,}000}{70{,}523{,}000 - 49{,}106{,}000}(75{,}000 - 50{,}000) + 50{,}000 = 68{,}922$$

   Thus, a 68-percent confidence interval for the median income for households is from $68,103 to $68,922.

4. The standard error of the median is, therefore,

$$\frac{68{,}922 - 68{,}103}{2} = 409.5$$

<u>Standard Errors of Averages for Grouped Data</u>. The formula used to estimate the standard error of an average for grouped data is

$$s_x = \sqrt{\frac{b}{y}(S^2)} \tag{7}$$

In this formula, y is the size of the base of the distribution and b is the parameter from Table 4 or 5. The variance, S^2, is given by the following formula:

$$S^2 = \sum_{i=1}^{c} p_i \bar{x}_i^2 - \bar{x}^2 \tag{8}$$

where $\bar{x}$, the average of the distribution, is estimated by

$$\bar{x} = \sum_{i=1}^{c} p_i \bar{x}_i \tag{9}$$

where

c = the number of groups; i indicates a specific group, thus taking on values 1 through c.

p_i = estimated proportion of households, families, or people whose values for the characteristic being considered fall in group i.

$\bar{x}_i$ = $(Z_{Li} + Z_{Ui})/2$ where Z_{Li} and Z_{Ui} are the lower and upper interval boundaries, respectively, for group i. $\bar{x}_i$ is assumed to be the most representative value for the characteristic of households, families, or people in group i. If group c is open-ended, i.e., no upper interval boundary exists, use a group approximate average value of

$$\bar{x}_c = \frac{3}{2} Z_{L_c} \tag{10}$$

<u>Illustration 9</u>

The report, *Income and Poverty in the United States: 2020*, shows that there were 7,294,000 families in poverty. Table 12 shows the distribution of the income deficit (the difference between their family income and poverty threshold) for all families in poverty.

Table 12. Distribution of Income Deficit for Illustration 9

Income deficit	Number of families in poverty	Percentage of families in poverty (p_i)	Average income deficit ($\bar{x}_i$)
Under $1000	443,000	6.1%	500
$1000 to $2,499	597,000	8.2%	1,750
$2,500 to $4,999	943,000	12.9%	3,750
$5,000 to $7,499	927,000	12.7%	6,250
$7,500 to $9,999	725,000	9.9%	8,750
$10,000 to $12,499	628,000	8.6%	11,250
$12,500 to $14,999	545,000	7.5%	13,750
$15,000 and over	2,487,000	34.1%	22,500
Total	7,294,000[A]	100%[A]	

Source: U.S. Census Bureau, Current Population Survey, 2021 Annual Social and Economic Supplement.
[A] There may be a difference due to rounding.

Using Formula (9),

$$\bar{x} = (0.061 \times 500) + (0.082 \times 1{,}750) + (0.129 \times 3{,}750) + (0.127 \times 6{,}250) + (0.099 \times 8{,}750) + (0.086 \times 11{,}250) + (0.075 \times 13{,}750) + (0.341 \times 22{,}500) = 11{,}989$$

and Formula (8),

$$S^2 = (0.061 \times 500^2) + (0.082 \times 1{,}750^2) + (0.129 \times 3{,}750^2) + (0.127 \times 6{,}250^2) + (0.099 \times 8{,}750^2) + (0.086 \times 11{,}250^2) + (0.075 \times 13{,}750^2) + (0.341 \times 22{,}500^2) - 11{,}989^2 = 68{,}580{,}000$$

Table 13 shows how to use the appropriate parameter from Table 19 and Formula (7) to estimate the standard error and confidence interval.

Table 13. Illustration of Standard Errors of Averages for Grouped Data

Average income deficit for families in poverty ($\bar{x}$)	$11,989
Variance (S^2)	68,580,000
Base (y)	7,294,000
b-parameter (b)	3,132
Standard error	$172
90-percent confidence interval	$11,706 to $12,272

Source: U.S. Census Bureau, Current Population Survey, 2021 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{3{,}132}{7{,}294{,}000}(68{,}580{,}000)} = 172$$

and the 90-percent confidence interval is calculated as $11,989 ± 1.645 × $172.

<u>Standard Errors of Estimated Per Capita Deficits</u>. Certain average values in reports associated with the CPS ASEC data represent the per capita deficit for households of a certain class. The average per capita deficit is approximately equal to

$$x = \frac{hm}{p} \tag{11}$$

where

h = number of households in the class.

m = average deficit for households in the class.

p = number of people in households in the class.

x = average per capita deficit of people in households in the class.

To approximate standard errors for these averages, use the formula

$$s_x = \frac{hm}{p}\sqrt{\left(\frac{s_m}{m}\right)^2 + \left(\frac{s_p}{p}\right)^2 + \left(\frac{s_h}{h}\right)^2 - 2r\left(\frac{s_p}{p}\right)\left(\frac{s_h}{h}\right)} \tag{12}$$

In Formula (12), r represents the correlation between p and h.

For one type of average, the class represents households containing a fixed number of people. For example, h could be the number of 3-person households. In this case, there is an exact correlation between the number of people in households and the number of households. Therefore, r = 1 for such households. For other types of averages, the class represents households of other demographic types, for example, households in distinct regions, households in which the householder is of a certain age group, and owner-occupied and tenant-occupied households. In this and other cases in which the correlation between p and h is not perfect, use 0.7 as an estimate of r.

<u>Illustration 10</u>
The report, *Income and Poverty in the United States: 2020*, shows that there were 24,982,000 people living in families in poverty, and 7,294,000 families in poverty, with an average deficit income for families in poverty of $11,989 with a standard error of $172 (from Illustration 9). Table 14 shows how to use Formulas (2), (11), and (12) and the appropriate parameters from Table 19 and r = 0.7 to estimate the standard errors and confidence intervals.

Table 14. Illustration of Standard Errors of Estimated Per Capita Deficits

	Number (h)	Number of people (p)	Average income deficit (m)	Average per capita deficit (x)
Value for families in poverty	7,294,000	24,982,000	$11,989	$3,500
a-parameter (a)	0.000152	-0.000011	-	-
b-parameter (b)	3,132	3,516	-	-
Correlation (r)	-	-	-	0.7
Standard error	176,000	285,000	$172	$81
90-percent confidence interval	7,004,000 to 7,584,000	24,513,000 to 25,451,000	$11,706 to $12,272	$3,367 to $3,633

Source: U.S. Census Bureau, Current Population Survey, 2021 Annual Social and Economic Supplement.

The estimate of the average per capita deficit is calculated as

$$x = \frac{7{,}294{,}000 \times 11{,}989}{24{,}982{,}000} = 3{,}500$$

and the standard error is calculated as

$$s_x = \frac{7{,}294{,}000 \times 11{,}989}{24{,}982{,}000} \sqrt{\left(\frac{172}{11{,}989}\right)^2 + \left(\frac{285{,}000}{24{,}982{,}000}\right)^2 + \left(\frac{176{,}000}{7{,}294{,}000}\right)^2 - 2 \times 0.7 \times \left(\frac{285{,}000}{24{,}982{,}000}\right) \times \left(\frac{176{,}000}{7{,}294{,}000}\right)}$$

$$= 81$$

The 90-percent confidence interval is calculated as $\$3{,}500 \pm 1.645 \times \$81$.

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

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

Note: The Census Bureau recommends the use of 3-year averages to compare estimates across states and 2-year averages to evaluate changes in state income and poverty estimates over time. See "Standard Errors of Data for Combined Years." Further, the *Income and Poverty in the United States* report no longer presents state estimates. Therefore, the Census Bureau recommends the American Community Survey (ACS) microdata file as the preferred source for income and poverty state

data in years 2006 (2005 estimates) to the present. A questionnaire redesign introduced with the 2014 CPS ASEC and an updated processing system introduced with the 2019 CPS ASEC each mark the start of new time series for health insurance estimates in the CPS ASEC, so data users should not create multiyear averages across these years.

Standard Errors of State Estimates. The standard error for a state may be obtained by determining new state-level a- and b-parameters and then using these adjusted parameters in the standard error formulas mentioned previously. To determine a new state-level b-parameter (b_{state}), multiply the b-parameter from Table 18 or 19 by the state factor from Table 23. To determine a new state-level a-parameter (a_{state}), use the following:

(1) If the a-parameter from Table 18 or 19 is positive, multiply it by the state factor from Table 23.

(2) If the a-parameter in Table 18 or 19 is negative, calculate the new state-level a-parameter as follows:

$$a_{state} = \frac{-b_{state}}{POP_{state}} \tag{13}$$

where POP_{state} is the state population found in Table 23.

Illustration 11

Suppose there were 13,995,000 people living in New York state who were born in the United States. Table 15 shows how to use Formulas (2) and (13) and the appropriate parameter, factor, and population from Tables 19 and 23 to estimate the standard error and confidence interval.

Table 15. Illustration of Standard Errors of State Estimates

Number of people in New York born in the U.S. (x)	13,995,000
b-parameter (b)	2,713
New York state factor	1.19
State population	19,003,366
State b-parameter (b_{state})	3,228
State a-parameter (a_{state})	-0.000170
Standard error	109,000
90-percent confidence interval	13,816,000 to 14,174,000

Source: U.S. Census Bureau, Current Population Survey, 2021 Annual Social and Economic Supplement.

Obtain the state-level b-parameter by multiplying the b-parameter, 2,713 by the state factor, 1.19. This gives b_{state} = 2,713 × 1.19 = 3,228. Obtain the needed state-level a-parameter by

$$a_{state} = \frac{-3{,}228}{19{,}003{,}366} = -0.000170$$

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, -0.000170 and 3,228, respectively. The standard error is given by

$$s_x = \sqrt{-0.000170 \times 13{,}995{,}000^2 + 3{,}228 \times 13{,}995{,}000}$$

which, rounded to the nearest thousand, is 109,000.

Standard Errors of Regional Estimates. To compute standard errors for regional estimates, follow the steps for computing standard errors for state estimates found in "Standard Errors for State Estimates" using the regional factors and populations found in Table 24.

Illustration 12

The report, *Income and Poverty in the United States: 2020*, shows that there were 16,619,000 of 125,002,841 people, or 13.3 percent, living in poverty in the South. Table 16 shows how to use Formulas (3) and (13) and the appropriate parameter, factor, and population from Tables 19 and 24 to estimate the standard error and confidence interval.

Table 16. Illustration of Standard Errors of Regional Estimates

Poverty rate in the South (p)	13.3
Base (y)	125,002,841
b-parameter (b)	3,516
South regional factor	1.13
Regional b-parameter (b_{region})	3,973
Standard error	0.19
90-percent confidence interval	13.0 to 13.6

Source: U.S. Census Bureau, Current Population Survey, 2021 Annual Social and Economic Supplement.

Obtain the region-level b-parameter by multiplying the b-parameter, 3,516, by the South regional factor, 1.13. This gives $b_{region} = 3{,}516 \times 1.13 = 3{,}973$

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, 3,973. The standard error is given by

$$s_{y,p} = \sqrt{\frac{3{,}973}{125{,}002{,}841} \times 13.3 \times (100 - 13.3)} = 0.19$$

and the 90-percent confidence interval of the poverty rate for people living in the South is calculated as $13.3 \pm 1.645 \times 0.19$.

Standard Errors of Groups of States. The standard error calculation for a group of states is similar to the standard error calculation for a single state. First, calculate a new state group factor for the group of states. Then, determine new state group a- and b-parameters.

Finally, use these adjusted parameters in the standard error formulas mentioned previously.

Use the following formula to determine a new state group factor:

$$state\ group\ factor = \frac{\sum_{i=1}^{n} POP_i \times state\ factor_i}{\sum_{i=1}^{n} POP_i} \tag{14}$$

where POP_i and $state\ factor_i$ are the population and factor for state i from Table 23. To obtain a new state group b-parameter ($b_{state\ group}$), multiply the b-parameter from Table 18 or 19 by the state group factor obtained by Formula (14). To determine a new state group a-parameter ($a_{state\ group}$), use the following:

(1) If the a-parameter from Table 18 or 19 is positive, multiply it by the state group factor determined by Formula (14).

(2) If the a-parameter in Table 18 or 19 is negative, calculate the new state group a-parameter as follows:

$$a_{state\ group} = \frac{-b_{state\ group}}{\sum_{i=1}^{n} POP_i} \tag{15}$$

<u>Illustration 13</u>
Suppose the state group factor for the state group Illinois-Indiana-Michigan was required. The appropriate factor would be

$$state\ group\ factor = \frac{12{,}345{,}509 \times 1.17 + 6{,}668{,}940 \times 1.11 + 9{,}853{,}650 \times 1.11}{12{,}345{,}509 + 6{,}668{,}940 + 9{,}853{,}650} = 1.14$$

<u>Standard Errors of Data for Combined Years</u>. Sometimes estimates for multiple years are combined to improve precision. For example, suppose $\bar{x}$ is an average derived from n consecutive years' data, i.e., $\bar{x} = \sum_{i=1}^{n} \frac{x_i}{n}$, where the x_i are the estimates for the individual years. Use the formulas described previously to estimate the standard error, s_{x_i}, of each year's estimate. Then the standard error of $\bar{x}$ is

$$s_{\bar{x}} = \frac{s_x}{n} \tag{16}$$

where

$$s_x = \sqrt{\sum_{i=1}^{n} s_{x_i}^2 + 2r \sum_{i=1}^{n-1} s_{x_i} s_{x_{i+1}}} \tag{17}$$

and s_{x_i} are the standard errors of the estimates x_i. Tables 20 and 21 contain the correlation coefficients, r, for the correlation between consecutive years i and i+1. Correlation between nonconsecutive years is zero. The correlations were derived for income, poverty, and health insurance estimates, but they can be used for other types of estimates where the year-to-year correlation between identical households is high.

The Census Bureau recommends the use of 3-year average estimates for certain small population subgroups[16] (see also "Accuracy of State Estimates.") Two-year moving averages are recommended for these small population subgroups for comparisons across adjacent years.

Illustration 14

The report, *Income and Poverty in the United States: 2020*, provides the percentages of families in poverty. Suppose the 2018-2020[17] 3-year average percentage of families with female householder, no husband present, in poverty was 23.5. Suppose the percentages and bases for 2018, 2019, and 2020 were 24.9, 22.2, and 23.4 percent and 15,052,000, 14,838,000, and 15,491,000 respectively. Table 17 shows how to use the appropriate parameters and correlation coefficients from Tables 19 and 21 and Formulas (3), (16), and (17) to estimate the standard error and confidence interval.

Table 17. Illustration of Standard Errors of Data for Combined Years

	2018	2019	2020	2018-2020 Average
Percentage of families with female householder, no husband present, in poverty (p)	24.9	22.2	23.4[A]	23.5
Base (y)	15,052,000	14,838,000	15,491,000	-
b-parameter (b)	3,631[B]	5,529[C]	3,132	-
Correlation (r)	-	-	-	0.35
Standard error	0.67	0.80	0.60	0.49
90-percent confidence interval	23.8 to 26.0	20.9 to 23.5	22.4 to 24.4	22.7 to 24.3

Source: U.S. Census Bureau, Current Population Survey, 2019-2021 Annual Social and Economic Supplement.

[A] There may be a difference due to rounding.

[B] This value comes from the Source and Accuracy Statement for the 2019 Annual Social and Economic Supplement, Appendix G, Table 19 in U.S. Census Bureau (2019d). For additional information, refer to the "Year-to-Year Factors" section.

[C] This value comes from the Source and Accuracy Statement for the 2020 Annual Social and Economic Supplement, Appendix G, Table 19 in U.S. Census Bureau (2020). For additional information, refer to the "Year-to-Year Factors" section.

16 Estimates of characteristics of the American Indian and Alaska Native (AIAN) and Native Hawaiian and Other Pacific Islander (NHOPI) populations based on a single-year sample would be unreliable due to the small size of the sample that can be drawn from either population. Accordingly, such estimates are based on multiyear averages.

17 The estimates for data year 2018 come from the 2019 CPS ASEC Files, and the estimates for data year 2019 come from the 2020 CPS ASEC Files.

The standard error of the 3-year average is calculated as

$$s_{\bar{x}} = \frac{1.47}{3} = 0.49$$

where

$$s_x = \sqrt{0.67^2 + 0.80^2 + 0.60^2 + (2 \times 0.35 \times 0.67 \times 0.80) + (2 \times 0.35 \times 0.80 \times 0.60)} = 1.47$$

The 90-percent confidence interval for the 3-year average percentage of families with a female householder, no husband present, in poverty is $23.5 \pm 1.645 \times 0.49$.

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 (2006).

Year-to-Year Factors. In past years, the Census Bureau published a table of year factors for the CPS ASEC Supplement in the Source and Accuracy Statement. User demand for these factors has diminished with the introduction of replicate weights. Data users producing estimates from prior years should consult the Source and Accuracy Statements covering the years of their analysis to estimate standard errors.

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

Table 18. Parameters for Computation of Standard Errors for Labor Force Characteristics: March 2021

Characteristic	*a*	*b*
Total or White		
Civilian labor force, employed	-0.000013	2,481
Not in labor force	-0.000013	2,432
Unemployed	-0.000017	3,244
Civilian labor force, employed, not in labor force, and unemployed		
Men	-0.000031	2,947
Women	-0.000028	2,788
Both sexes, 16 to 19 years	-0.000261	3,244
Black		
Civilian labor force, employed, not in labor force, and unemployed	-0.000117	3,601
Men	-0.000249	3,465
Women	-0.000190	3,191
Both sexes, 16 to 19 years	-0.001425	3,601
Asian, American Indian and Alaska Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI)		
Civilian labor force, employed, not in labor force, and unemployed	-0.000245	3,311
Men	-0.000537	3,397
Women	-0.000399	2,874
Both sexes, 16 to 19 years	-0.004078	3,311
Hispanic, may be of any race		
Civilian labor force, employed, not in labor force, and unemployed	-0.000087	3,316
Men	-0.000172	3,276
Women	-0.000158	3,001
Both sexes, 16 to 19 years	-0.000909	3,316

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

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

Table 19. Parameters for Computation of Standard Errors for People and Families: 2021 Annual Social and Economic Supplement

Characteristics	Total or White		Black		Asian, AIAN, & NHOPI[A]		Hispanic[B]	
	a	*b*	*a*	*b*	*a*	*b*	*a*	*b*
PEOPLE								
Educational attainment	-0.000011	3,421	-0.000039	3,009	-0.000080	2,780	-0.000047	2,886
Employment	-0.000013	2,481	-0.000117	3,601	-0.000245	3,311	-0.000087	3,316
People by family income	-0.000019	6,067	-0.000084	6,528	-0.000144	5,013	-0.000081	4,927
Income characteristics								
Total	-0.000009	2,889	-0.000032	2,471	-0.000072	2,514	-0.000039	2,383
Male	-0.000017	2,734	-0.000067	2,501	-0.000144	2,415	-0.000086	2,649
Female	-0.000015	2,525	-0.000053	2,187	-0.000137	2,447	-0.000075	2,278
Age								
15 to 24	-0.000078	3,285	-0.000271	3,136	-0.000496	2,731	-0.000171	2,618
25 to 44	-0.000033	2,825	-0.000132	2,973	-0.000273	2,797	-0.000159	2,880
45 to 64	-0.000038	3,099	-0.000134	2,360	-0.000367	2,692	-0.000200	2,524
65 and over	-0.000059	3,290	-0.000232	2,134	-0.000698	2,657	-0.000463	2,322
Health insurance	-0.000009	2,981	-0.000031	2,453	-0.000095	3,295	-0.000055	3,370
Marital status, household and family								
Some household members	-0.000008	2,713	-0.000041	3,203	-0.000066	2,292	-0.000041	2,501
All household members	-0.000008	2,639	-0.000032	2,470	-0.000062	2,146	-0.000036	2,188
Mobility (movers)								
Educational attainment, labor force, Marital status, household, family, and income	-0.000012	3,934	-0.000050	3,906	-0.000097	3,367	-0.000059	3,617
US, county, state, region, or metropolitan statistical areas	-0.000017	5,555	-0.000063	4,926	-0.000121	4,204	-0.000076	4,634
Below poverty								
Total	-0.000011	3,516	-0.000043	3,322	-0.000089	3,077	-0.000051	3,111
Male	-0.000021	3,417	-0.000089	3,322	-0.000184	3,103	-0.000101	3,086
Female	-0.000019	3,232	-0.000086	3,498	-0.000161	2,871	-0.000103	3,138
Age								
Under 15	-0.000080	4,820	-0.000318	5,758	-0.000627	5,560	-0.000307	5,077
Under 18	-0.000043	3,503	-0.000186	4,293	-0.000343	3,723	-0.000183	3,754
15 and over	-0.000014	3,793	-0.000055	3,370	-0.000126	3,393	-0.000068	3,476
15 to 24	-0.000086	3,599	-0.000304	3,520	-0.000494	2,720	-0.000192	2,931
25 to 44	-0.000034	2,941	-0.000139	3,136	-0.000272	2,788	-0.000156	2,833
45 to 64	-0.000042	3,402	-0.000146	2,570	-0.000368	2,692	-0.000213	2,689
65 and over	-0.000068	3,777	-0.000255	2,354	-0.000738	2,811	-0.000502	2,519
Unemployment	-0.000017	3,244	-0.000117	3,601	-0.000245	3,311	-0.000087	3,316
FAMILIES, HOUSEHOLDS, OR UNRELATED INDIVIDUALS								
Income	-0.000012	3,735	-0.000157	3,749	-0.000143	3,467	-0.000081	3,427
Marital status, household and family, educational attainment, population by age/sex	-0.000008	3,051	-0.000041	2,385	-0.000284	3,872	-0.000054	3,263
Poverty	0.000152	3,132	0.000272	5,808	0.004073	3,730	0.001200	3,773

Source: U.S. Census Bureau, Current Population Survey, Internal data from the 2021 Annual Social and Economic Supplement.

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

[B] Hispanics may be any race.

Notes: These parameters are to be applied to the 2021 Annual Social and Economic Supplement data. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. For same-sex households, multiply the a- and b-parameters by 1.3. For nonmetropolitan characteristics, multiply the a- and b-parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the a- and b-parameters are zero. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, AIAN, NHOPI, and Hispanic parameters. For the group self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all characteristics except employment, unemployment, and educational attainment, in which case use Black parameters. For a more detailed discussion on the use of parameters for race and ethnicity, please refer to the "Generalized Variance Parameters" section.

Table 20. Current Population Survey Year-to-Year Correlation Coefficients for Income and Health Insurance Characteristics: Data Years 1960 to 2020

Characteristics	1960-2000 (basic) or 2000 (expanded)-2020		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 21. Current Population Survey Year-to-Year Correlation Coefficients for Poverty Characteristics: Data Years 1970 to 2020

Characteristics	1972-83, 1984-2000 (basic) or 2000 (expanded)-2020		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 22. Current Population Survey Correlation Coefficients Between Race and Subgroups: 2021 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 23. Factors and Populations for State Standard Errors and Parameters: 2021 Annual Social and Economic Supplement

State	Factor	Population	State	Factor	Population
Alabama	1.11	4,853,221	Montana	0.21	1,071,779
Alaska	0.18	703,044	Nebraska	0.52	1,911,392
Arizona	1.25	7,408,297	Nevada	0.77	3,132,152
Arkansas	0.73	2,984,308	New Hampshire	0.33	1,353,613
California	1.28	38,798,083	New Jersey	1.15	8,766,302
Colorado	1.22	5,748,172	New Mexico	0.51	2,072,971
Connecticut	0.86	3,499,885	New York	1.19	19,003,366
Delaware	0.22	978,388	North Carolina	1.18	10,463,122
District of Columbia	0.17	704,399	North Dakota	0.17	749,612
Florida	1.14	21,546,308	Ohio	1.10	11,521,304
Georgia	1.15	10,555,250	Oklahoma	1.06	3,912,013
Hawaii	0.32	1,344,450	Oregon	1.07	4,218,638
Idaho	0.41	1,831,175	Pennsylvania	1.11	12,568,135
Illinois	1.17	12,345,509	Rhode Island	0.28	1,039,868
Indiana	1.11	6,668,940	South Carolina	1.07	5,163,036
Iowa	0.77	3,121,082	South Dakota	0.22	877,475
Kansas	0.82	2,850,379	Tennessee	1.10	6,817,411
Kentucky	1.13	4,397,569	Texas	1.32	29,115,086
Louisiana	1.01	4,531,460	Utah	0.53	3,253,158
Maine	0.39	1,337,413	Vermont	0.18	616,864
Maryland	1.15	5,949,168	Virginia	1.19	8,389,892
Massachusetts	1.10	6,809,523	Washington	1.18	7,627,408
Michigan	1.11	9,853,650	West Virginia	0.48	1,749,784
Minnesota	1.13	5,608,461	Wisconsin	1.13	5,768,741
Mississippi	0.69	2,892,426	Wyoming	0.16	573,793
Missouri	1.13	6,056,353			

Source: U.S. Census Bureau, Current Population Survey, Internal data files for the 2010 Design; U.S. Census Bureau, Population Estimates, March 2021.

Notes: The state population counts in this table are for the 0+ population. For same-sex households, multiply the a- and b-parameters by 1.3. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, and Hispanic.

Table 24. Factors and Populations for Regional Standard Errors and Parameters: 2021 Annual Social and Economic Supplement

Region	Factor	Population
Midwest	1.06	67,332,898
Northeast	1.07	54,994,969
South	1.13	125,002,841
West	1.12	77,783,120

Source: U.S. Census Bureau, Current Population Survey, Internal data files for the 2010 Design; U.S. Census Bureau, Population Estimates, March 2021.

Notes: The state population counts in this table are for the 0+ population. For same-sex households, multiply the a- and b-parameters by 1.3. For foreign-born and noncitizen characteristics for Total and White, the a- and b-parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, and Hispanic.

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APPENDIX H

Countries and Areas of the World

List A - Numerical List of Countries and Areas of the World

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

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

List B - Alphabetical List of Countries and Areas of the World

Code	Name
200	Afghanistan
462	Africa, not specified
100	Albania
400	Algeria
399	Americas, not specified
321	Antigua and Barbuda
360	Argentina
158	Armenia
249	Asia, not specified
501	Australia
102	Austria
159	Azerbaijan
130	Azores
323	Bahamas
202	Bangladesh
324	Barbados
160	Belarus
103	Belgium
310	Belize
300	Bermuda
361	Bolivia
150	Bosnia & Herzegovina
362	Brazil
104	Bulgaria
206	Cambodia
407	Cameroon
301	Canada
408	Cape Verde
363	Chile
207	China
364	Columbia
311	Costa Rica
151	Croatia
327	Cuba
208	Cyprus
148	Czech Republic
105	Czechoslovakia
106	Denmark
328	Dominica
329	Dominican Republic
365	Ecuador
414	Egypt
312	El Salvador
555	Elsewhere
139	England
417	Eritrea
416	Ethiopia
166	Europe, not specified
508	Fiji
108	Finland
109	France
161	Georgia
110	Germany
421	Ghana
116	Greece
330	Grenada
066	Guam
313	Guatemala
368	Guyana
332	Haiti
314	Honduras
209	Hong Kong
117	Hungary
118	Iceland
210	India
211	Indonesia
212	Iran
213	Iraq
119	Ireland
214	Israel
120	Italy
333	Jamaica
215	Japan
216	Jordan
427	Kenya
217	Korea
167	Kosovo
222	Kuwait
223	Laos
156	Latvia
224	Lebanon
429	Liberia
157	Lithuania
152	Macedonia
226	Malaysia
303	Mexico
162	Moldova
436	Morocco
205	Myanmar (Burma)
229	Nepal

Code	Name
126	Netherlands
515	New Zealand
315	Nicaragua
440	Nigeria
142	Northern Ireland
127	Norway
528	Oceania, not specified
096	Other U.S. Island Areas
231	Pakistan
316	Panama
369	Paraguay
370	Peru
233	Philippines
128	Poland
129	Portugal
073	Puerto Rico
132	Romania
163	Russia
527	Samoa
235	Saudi Arabia
140	Scotland
444	Senegal
154	Serbia
447	Sierra Leone
236	Singapore
149	Slovakia
448	Somalia
449	South Africa
374	South America, not specified
220	South Korea
134	Spain
238	Sri Lanka
338	St. Kitts--Nevis
339	St. Lucia
340	St. Vincent and the Grenadines
451	Sudan
136	Sweden
137	Switzerland
239	Syria

Code	Name
240	Taiwan
453	Tanzania
242	Thailand
523	Tonga
341	Trinidad and Tobago
243	Turkey
078	U.S. Virgin Islands
457	Uganda
164	Ukraine
138	United Kingdom
057	United States
372	Uruguay
165	USSR
246	Uzbekistan
373	Venezuela
247	Vietnam
141	Wales
343	West Indies, not specified
248	Yemen
147	Yugoslavia
461	Zimbabwe

APPENDIX I

HISTORICAL FILE INFORMATION

Initial releases
A public use edition of the Current Population Survey, ASEC file, formerly known as the March file were originally available for 1976, 1978, and 1979. For 1980, 1984, and 1988 two files were available for each year. The first 1980 file contains estimates based on 1970 population counts and should be used for historical comparisons ending in 1980. The reweighted 1980 file contains estimates based on results of the 1980 census and should be used for comparisons between 1981 and 1984.

1980s
In 1984, the Bureau of the Census introduced a step into the second stage weighting procedure to control individual weights to independent estimates of the Hispanic population. Since this introduction caused a major disruption in the Hispanic estimates, two data files were created. The first file, without the Hispanic controls should be used for comparing estimates for years prior to 1984 and the second file should be used for comparison with 1985 and later files.

From March 1989 forward, March data are processed using the rewrite system. The rewrite system includes revised procedures to match supplement records to basic CPS records; revised weighting procedures; revised demographic and family edits; revised imputation procedures; and more income detail on the file.

For March 1988, there are two files: the regular Annual Demographic File and the Annual Demographic Rewrite File. The rewrite file has been prepared to allow historical comparison of data from the rewrite processing system implemented between 1988 and 1989. It is recommended that the rewrite file be used when comparing data collected from the March Annual Demographic Supplement from 1988 forward. Use the regular file, released in 1988, when comparing data from 1988 and prior years.

This is not to say, however, that comparisons cannot be made between years before and after 1988. When such analyses are done, for example between 1986 through 1989, data users must consider that similarities or differences between the data may be caused or effected by the rewritten system. Thus, comparing estimates from the 1988 rewrite files and the 1988 regular file will reveal the extent of any differences caused by the processing system changes though not the specific change. The magnitude of the difference can then be applied to the estimates from 1986 and 1989 to reveal whether any real differences exist. There were several revisions made to the processing programs; therefore, it is difficult to determine which specific revision effected the differences or similarities in the data.

Some non-March data also are available from 1994 to present. For information about the Current Population Survey and Supplement Surveys, be sure to visit our online CPS home page at https://www.census.gov/programs-surveys/cps.html where you can search our knowledge base and submit questions.

2010s
In 2014, the Current Population Survey Annual Social and Economic Supplement (CPS ASEC) included redesigned questions for income and health insurance coverage, followed by changes being phased in beginning in 2015 to allow spouses and unmarried partners to specifically identify as opposite- or same-sex. While data from the updated collection methods were released on schedule, data processing changes to take advantage of the new content were available starting with the 2019 file.

In 2019, a redesigned processing system for the ASEC supplement was implemented. This new processing system had updates concerning three topics, same-sex/opposite-sex families, income & poverty, and health insurance.

First, the relationship to householder measure (PERRP) divides spouse and unmarried categories into opposite-sex and same-sex groups (i.e., opposite-sex spouse/husband/wife, same-sex spouse/husband/wife, opposite-sex unmarried partner, and same-sex unmarried partner). Second, the parent identification variables have changed from respondents identifying a mother and father in the household

(PELNMOM, PELNDAD) to identifying a parent and another parent (PEPAR1, PEPAR2). This allows easy reporting of children living with two mothers or two fathers.

For income and poverty, the updated processing system includes edits to take full advantage of the redesigned questionnaire. For example, several variables were added for defined-benefit pension income and defined-contribution withdrawals (such as from 401(k) plans) to replace the previous variables on retirement income. The imputation system was updated to make use of income ranges provided by some non-respondents as well as to increase the number of characteristics used in the imputation models.

The updated processing system includes a number of changes to CPS ASEC health insurance data that better integrate detailed information from the 2014 questionnaire redesign. For example, the processing system introduces a new method of estimating coverage that builds from subannual estimates to determine whether a person was covered at any point in the previous calendar year. It also refines the methods by which missing and incomplete data are imputed and in which inconsistent information is handled. Finally, the file also includes additional information about types of coverage held at the time of survey and details about Marketplace coverage that were not previously available.

A more detailed explanation of these processing changes can be found in the blog "RESEARCH MATTERS: CPS ASEC Redesign and Processing Changes" at https://www.census.gov/newsroom/blogs/research-matters/2019/09/cps-asec.html.

APPENDIX J

User Note 1

The zipped files containing the SAS and CSV file formats, contained multiple sub-directories with an outdated version of the file. These files have been replaced to remove the excess directories and file versions. The correct version of the file has the variable FILEDATE=91821.