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# SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP) 1996 PANEL LONGITUDINALLY EDITED WAVES 1-12 PERSON-MONTH MICRODATA FILES

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#### **ABSTRACT**

Survey of Income and Program Participation (SIPP) 1996 Panel Longitudinally Edited Waves 1-12 Person-Month Microdata Files, [machine-readable data file] / conducted by the U.S. Bureau of the Census. -Washington: The Bureau [producer and distributor], 2003.

# Type of File

Microdata: unit of observation is an individual.

# Universe Description

The universe is the resident population of the United States, excluding persons living in institutions and military barracks.

# **Subject-Matter Description**

Each file contains basic demographic and social characteristics data for each member of the household during each of the twelve interviews of the 1996 Pane. These include age, sex, race (White; Black; American Indian, Aleut, and Eskimo; Asian or Pacific Islander), ethnic origin (34 categories including 9 Spanish origin categories), marital status, household relationship, education, and veteran status. Limited data are provided on housing unit characteristics such as units in structure, tenure, and access. Core questions, which are repeated at each interview, cover labor force activity, types and amounts of income, and participation in various cash and noncash benefit programs for each month of the four-month reference period. Data for employed persons include number of hours and weeks worked, earnings, and weeks without a job. Nonworkers are classified as unemployed or not in the labor force. In addition to income data associated with labor force activity, data include nearly 50 other types of income. Core data also cover post secondary school attendance, public or subsidized rental housing, low-income energy assistance, and school breakfast and lunch participation.

The file provides a set of monthly observations covering 12 waves of the 1996 Panel. The time span covered by the file varies depending on the rotation group to which the respondent belongs. Since the sample was divided into four approximately equal groups or rotations and one group (having a reference period of the four previous months) was interviewed each, the panel contains four different spans. They are December 1995 to November 1999, January 1996 to December 1999, February 1996 to January 2000, and March 1996 to February 2000. (see Table 1 on page 1-3).

This documentation presents information designed to provide the basis for longitudinal household analyses using SIPP data. It contains a discussion of the five variables which can be used to identify longitudinal households and persons in longitudinal households. These variables are explained in more detail in the data dictionary under longitudinal household files.

# Geographic Coverage

United States. Codes are included for 45 individual States and the District of Columbia, **although the sample** was not designed to produce State estimates. Areas in the SIPP sample in the other States are identified in groups for confidentiality reasons. The file identifies a subsample of metropolitan residents, along with

codes for selected metropolitan statistical areas (MSA's), consolidated metropolitan statistical areas (CMSA's) and primary metropolitan statistical areas (PMSA's).

# **Technical Description**

**File Structure**: This is a rectangular file with one logical record for each sampled person who, at anytime during the life of the 1996 Panel (April 1996 to March 2000), was a member of an interviewed household. Beginning in 1990 the unit observation changed from one record for each person to **one record for each person for each month in sample.** 

Wave 1	380,609 logical records
Wave 2	362,190 logical records
Wave 3	353,876 logical records
Wave 4	343,847 logical records
Wave 5	330,716 logical records
Wave 6	320,614 logical records
Wave 7	311,758 logical records
Wave 8	307,877 logical records
Wave 9	302,051 logical records
Wave 10	297,509 logical records
Wave 11	293,347 logical records
Wave 12	292,783 logical records

**File Sort Sequence of Sample Units**: Sampling unit sequence number, by entry address ID, by person number within sampling unit and reference month.

#### **Reference Materials**

Survey of Income and Program Participation (SIPP) 1996 Panel, Longitudinally Edited Waves 1-12 Person-Month Microdata Files Technical Documentation. The documentation includes this abstract, the data dictionary, an index to the data dictionary, relevant code lists, questionnaire facsimiles, and general information on SIPP.

Survey of Income and Program Participation Users' Guide. The Users' Guide contains a general overview of the file as well as chapters on survey design and content, structure and use of cross-sectional files, linking waves and reliability of the data. Copies are available from Customer Services Center, Marketing Services Office, Bureau of the Census, Washington, DC 20233.

# **Related Printed Reports**

Related printed reports include working papers, compilations of papers presented at annual meetings of the American Statistical Association, articles appearing in the *Journal of Economic and Social Measurement*, and reports in the P-70 series of the Current Population Reports.

## **Related Machine-Readable Data Files**

SIPP files from all Waves of the 1984 through 1993 Panels, and 1996 Panel, Waves 1-12 are available from Customer Services Center, Marketing Services Office, Bureau of the Census, Washington, D.C. 20233. Some files (1990 - 1993) may be downloaded in ASCII from the Data Extraction System (DES) SURVEY-ON-CALL at <a href="http://www.census.gov/DES/www/welcome.html">http://www.census.gov/DES/www/welcome.html</a> Files (1996 forward) may be downloaded from the Federal Electronic Research and Review Extraction Tool (FERRET) at <a href="http://www.ferret.bls.census.gov/cgi-bin/ferret">http://www.ferret.bls.census.gov/cgi-bin/ferret</a>

## File Availability

Files are available on computer tape at 6250 bpi, ASCII or EBCDIC, and standard ANSI labeling on CD-R (compact disc-readable). The file also may be made available on IBM 3480 compatible tape cartridge. A machine-readable data dictionary is provided at the end of each file. This dictionary may be purchased separately. Pricing information is available from Customer Services (301) 457-4100 (order form attached). This file also may be downloaded from the Federal Electronic Research and Review Extraction Tool (FERRET) at <a href="http://www.ferret.bls.census.gov/cgi-bin/ferret">http://www.ferret.bls.census.gov/cgi-bin/ferret</a>

Table 2-2. 1996 Panel: Rotation Groups, Waves (W), and Reference Months

Reference		Rotation	ı Group		Reference	Rotation Group			
Month	1	2	3	4	Month	1	2	3	4
Dec. 95	W1 1				Dec. 97	W7 1		See Wave 6	data in bottom
Jan. 96	W1 2	W1 1			Jan. 98	W7 2	W7 1	ą	of first column.
Feb. 96	W1 3	W1 2	W1 1		Feb. 98	W7 3	W7 2	W7 1	
Mar. 96	W1 4	W1 3	W1 2	W1 1	Mar. 98	W7 4	W7 3	W7 2	W7 1
April 96	W2 1	W1 4	W1 3	W1 2	April 98	W8 1	W7 4	W7 3	W7 2
May 96	W2 2	W2 1	W1 4	W1 3	May 98	W8 2	W8 1	W7 4	W7 3
June 96	W2 3	W2 2	W2 1	W1 4	June 98	W8 3	W8 2	W8 1	W7 4
July 96	W2 4	W2 3	W2 2	W2 1	July 98	W8 4	W8 3	W8 2	W8 1
Aug. 96	W3 1	W2 4	W2 3	W2 2	Aug. 98	W9 1	W8 4	W8 3	W8 2
Sep. 96	W3 2	W3 1	W2 4	W2 3	Sep. 98	W9 2	W9 1	W8 4	W8 3
Oct. 96	W3 3	W3 2	W3 1	W2 4	Oct. 98	W9 3	W9 2	W9 1	W8 4
Nov. 96	W3 4	W3 3	W3 2	W3 1	Nov. 98	W9 4	W9 3	W9 2	W9 1
Dec. 96	W4 1	W3 4	W3 3	W3 2	Dec. 98	W10 1	W9 4	W9 3	W9 2
Jan. 97	W4 2	W4 1	W3 4	W3 3	Jan. 99	W10 2	W10 1	W9 4	W9 3
Feb. 97	W4 3	W4 2	W4 1	W3 4	Feb. 99	W10 3	W10 2	W10 1	W9 4
Mar. 97	W4 4	W4 3	W4 2	W4 1	Mar. 99	W10 4	W10 3	W10 2	W10 1
April 97	W5 1	W4 4	W4 3	W4 2	April 99	W11 1	W10 4	W10 3	W10 2
May 97	W5 2	W5 1	W4 4	W4 3	May 99	W11 2	W11 1	W10 4	W10 3
June 97	W5 3	W5 2	W5 1	W4 4	June 99	W11 3	W11 2	W11 1	W10 4
July 97	W5 4	W5 3	W5 2	W5 1	July 99	W11 4	W11 3	W11 2	W11 1
Aug. 97	W6 1	W5 4	W5 3	W5 2	Aug. 99	W12 1	W11 4	W11 3	W11 2
Sep. 97	W6 2	W6 1	W5 4	W5 3	Sep. 99	W12 2	W12 1	W11 4	W11 3
Oct. 97	W6 3	W6 2	W6 1	W5 4	Oct. 99	W12 3	W12 2	W12 1	W11 4
Nov. 97	W6 4	W6 3	W6 2	W6 1	Nov. 99	W12 4	W12 3	W12 2	W12 1
Dec	. 97	W6 4	W6 3	W6 2	Dec	. 99	W12 4	W12 3	W12 2
Jan. 98 W6 4 W6 3			Jan. 00		W12 4	W12 3			
Feb. 98				W6 4		Feb	. 00		W12 4

*Note:* The cell entry W1 1 represents Wave 1, reference month 1. The last reference month of each wave is in boldface type. For rotation group 1, the reference months for Wave 1 were Dec. 95 through Mar. 96.

**Product** 

Code

Quantity

# **Census Bureau Order Form**

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Credit Card	d Account Num	ıber:				——	
(Name on c	card)			Expiration	date	——	
(Signature)							

Mail check to: U.S. Department of Commerce, U.S. Census Bureau (MS 0801), P.O. Box 277943, Atlanta, GA 30384-7943.

#### FILE INFORMATION

#### **Person Month File**

The use of the SIPP public use data over the past four years has taught us a number of lessons. Foremost in those lessons is that the relational file structure is too complex for nearly all users. A close second is that the rectangular file, developed to simplify the relational file, is still too complicated for most users. We have also learned a number of ways to aid users in getting through the complexity of the rectangular file and have distributed those wherever possible. But the root of this lesson is that a public use file that is simpler than the current rectangular file is needed.

This solution does not provide a simpler file structure. In fact the person-month file structure is more complex than the rectangular person level file. What this solution provides is simplification and consistency to the content of the SIPP files. That simplification is achieved by coding everything to the monthly level.

The most confusing aspect of the SIPP data for most users is time. Data in SIPP are collected for particular weeks, all weeks, months, two or more months, and all months in the reference period. Disaggregating data collected for several months and aggregating data collected below the monthly level provide a variety of sources of confusion and error. The person-month structure puts all data at the month level with the appropriate aggregation or disaggregation.

The person-month structure is a natural unit because the basic building block of SIPP data is the month. All income, with the exception of a few asset income amounts, are collected at the monthly level and all household and family relationships are defined on a month-by-month basis. In collecting the data we have chosen to identify all changes except labor force changes as occurring between months. Data on labor force participation is given at both the weekly and monthly level. Changes in age and marital status occur from month-to-month. Income is recorded and recoded in monthly amounts. Data on participation in means-tested transfer programs is recorded on a monthly basis. You are considered a participant for a month, not on a week-by-week basis.

When analysts look at the SIPP data they see a large array of monthly and non-monthly data. Their problem then is to disaggregate the non-monthly data down to the month. In some cases this has been done for them. Households and families and their characteristics are defined on a monthly basis. But for most analysis there is considerable information that is carried only once per interview, or once for every four months, that must be disaggregated to the months. The person-month structure solves this problem by carrying all data at the monthly level. This requires a simple and straight forward assumption that the non-monthly data collected in the interview is the best proxy for the months covered by that interview.

A second source of confusion in the SIPP data is the volume of data combined with the presence of duplicated data. When the SIPP data were first released the Census Bureau chose to include all data, both collected and recoded, on the public use files. For those with experience with the survey, this was a valuable service. Edit routines could be checked by comparing the edited and unedited variables. Recodes could be checked by looking at the source codes used to develop these recodes. Universes could be determined by following through the skip patterns in the survey.

For most users this abundance of data results in confusion. It is difficult to understand why there are eight variables labeled sex in the file or why there are several variables that identify whether or not the

#### SIPP 1996 WAVE 12 CORE

person is a parent or guardian. Most users are expecting only one variable for each concept, not two or more.

# Goals of the Redesign

This redesign effort is aimed at solving the problems of time and duplication on the SIPP public use data files. Time is simplified by carrying all variables on the monthly records. Data duplication is simplified by eliminating most if not all of the variables carried more than once per month. The third goal of this redesign is to reduce the total number of variables necessary and to impose a simple logical structure to the record layout. This paper will describe the record layout for a single month of data.

In order to eliminate duplicate data, the general principle followed here is to eliminate all unedited variables that also exist in edited form. All source codes that are carried in recoded or edited fields are also eliminated.

In order to reduce the number of variables on SIPP files, several variables have been eliminated. All check items have been eliminated. They carry information that is from other parts of the questionnaire or control card and are not edited. Creating person-month records also reduces the number of variables by a factor of four. A single record layout describes all of the variables available for a single month. That record is then repeated for each month.

# **Defining the Monthly Record**

There are certain structural elements of the current record layout that are useful to maintain in the person-month record. Household and family characteristics and aggregates are difficult to create regardless of how the file is structured, and there is little reason for each user to independently derive these aggregates. Thus the beginning of each monthly record shows the household, family, and subfamily characteristics created by the Census Bureau. Following those are person characteristics.

There are three basic kinds of person characteristics collected in the SIPP data: 1) demographic characteristics such as age, marital status, and education; 2) labor force and recipiency characteristics collected in section 1 of the questionnaire; and 3) job and income characteristics collected in sections 2 and 3 of the questionnaire.

The first set of person characteristics at the monthly level are the standard age, sex, race, and education variables. In addition, this section shows critical status characteristics like interview status and reason for exit are carried. The demographic characteristics are followed by a series of labor force participation items which describe the weekly labor force data that go into the monthly employment status recode (RMESR). The RMESR variable defines monthly labor force participation in eight categories. Weekly labor force data are recoded into a similar employment status variable. This section also carries a set of income recodes for total income, earnings, property income, means-tested cash transfers, and other income.

Data on jobs held follow the labor force participation data, and some editing is needed to adequately present these data. Currently SIPP carries space for two wage and salary jobs and two self-employment jobs for each individual. This is done because it is possible for a person to have more than one job during the four month period. For example, anyone who changes employer during the reference period is

considered to have two jobs during the four months. It is also possible for a person to hold two jobs simultaneously (dual job holders). The difficulty that arises from this is that there is no simple way to distinguish job 1 from job 2. For some respondents it represents a change in employer and job 1 covers the first two months of the reference period and job 2 the last two months. For others, both jobs are held simultaneously. For still others, the two jobs are held simultaneously for a brief period of transition from one to the other. Each interviewer is instructed about which job to list as job 1 and job 2; however, no edit is performed to make sure those rules are followed. In addition, the instructions give the interviewer a choice of listing first the job lasting the longest or the job earning the most money.

These same situations can occur in any given month, although the chances for confusion are somewhat less. In this file, data for job 1 and job 2 will be presented for dual job holders. In all other cases the job for which the person earned the most money during the 4 month period will be listed as job 1 and job 2 will be the job for which the person earned the second largest amount of money during the monthly periods. There will also be a new recode created indicating whether this person has job information for 0, 1, or 2 jobs this month. This same procedure will be used for persons with more than one reported self-employment job in a given month. Earnings for each job are presented separately.

Data on each of the 39 sources of other income collected in SIPP follow the data on self-employment. This section contains a single field for each income source, and imputation flags that show that an amount was imputed.

The last section of the monthly record contains information on asset income. Asset income is collected as a single amount for the four month period, and in most cases for a set of income sources. Asset income also is collected for both joint and individual recipiency. For example, a single amount is collected for individual interest income received during the four month reference period. That amount includes interest from regular savings accounts (ISS100), money market deposit accounts (ISS101), certificates of deposit (ISS102), and interest from NOW or super NOW accounts (ISS103). A second amount is recorded for one member of the household on interest from those sources where the account was owned jointly with another adult member of the household.

The asset income section contains a monthly value for each of the amounts collected in the questionnaire. The reference period amount is divided by four to get the monthly amount. In addition, joint income is split evenly between husband and wife. This section also carries an indicator for each source of income. If an individual has interest from both a regular savings account and a NOW account, both will be indicated. Of course, there is no way to allocate the income to these sources separately since separate information was not collected to begin with.

# Geographic Coverage

State codes are shown except for nine States which are identified in three groups. A subsample of metropolitan residents is identified along with codes for selected metropolitan statistical areas (MSA's) and consolidated metropolitan statistical areas (CMSA's). **The sample was not designed to produce**State or MSA/CMSA level estimates. State codes are primarily useful in relating a respondent's recipiency of benefits to thresholds which may vary from State to State. MSA/CMSA codes may be used in relating respondent characteristics with contextual variables.

## **Identification Number System**

The SIPP identification scheme is designed to uniquely identify individuals in each wave, provide a means of linking the same individuals over time, and group individuals into households and families over time.

The various components of the identification scheme are listed below:

Sample Unit Identification Number Address ID Entry Address ID Person Number

The sample unit identification number was created by scrambling together the PSU, segment, and serial numbers used for Census Bureau administrative purposes. This identifier is constructed the same way on each wave regardless of moves, to enable matching from wave to wave.

The two-digit address ID code identifies each household associated with the same sample unit identification number. The first digit of the address ID code indicates the wave in which that address was first assigned for interview. The second digit sequentially numbers multiple households that have the same serial number. The address ID code is 11 for all sample addresses in Wave 1. As SIPP sample persons move to new addresses, new address ID codes are assigned. Any new address to which sample unit members moved during Wave 4 is numbered in the 40's.

The person ID is a five-digit number consisting of the two-digit entry address ID and a three-digit person number. Person numbers 101, 102, etc., are assigned in Wave 1; 201, 202, etc., are assigned to persons added to the roster in Wave 2, and so forth. This five-digit number is not changed or updated, regardless of moves.

The sampling unit serial number and address ID code uniquely identifies each household in any given wave. The sampling unit serial number can link all households in subsequent waves back to the original Wave 1 household.

# **Topcoding of Income Variables**

To protect against the possibility that a user might recognize the identity of a SIPP respondent with very high income, income from every source is "topcoded" so that no individual income amounts above \$150,000 are revealed. While the data dictionary indicates a topcode of 50,000 for monthly income, this topcode will rarely be used. In most cases the monthly income is shown as an individual dollar amount of \$12,500, with \$12,500 actually representing "\$12,500 or more." (the \$150,000 annual income topcode is \$12,500 multiplied by 12 months). Individual monthly amounts above \$12,500 may occasionally be shown if the respondent's income varied considerably from month to month, as long as the average does not exceed \$12,500. For example, if a respondents' income from a single job were concentrated in only one of the four reference months, a figure as high as \$50,000 could be shown. (Income from interest or property have lower topcodes).

Summary income figures on the person, family, and household records are simple sums of the components shown on the file after topcoding, and are not independently topcoded. Thus, a person with high income

#### **FILE INFORMATION**

from several sources (jobs, businesses, property) could have aggregate monthly income well over the topcode for each source. Families and households with a number of high income members could theoretically have aggregate income shown well over \$150,000, though well below the \$1.5 million shown as the highest allowable value in the data dictionary.

The user is cautioned against trying to make much use of the occasional monthly figures above \$12,500, except in calculating aggregates or observing patterns across the 4-month period for a single individual, family, or household. Those units with higher monthly amounts shown are a biased sample of high income units, more likely to include units with income from multiple sources than other units with equally high aggregate income which comes from a single source.

### **GLOSSARY OF SELECTED TERMS**

**Absent 1 or more weeks**. Absent 1 or more weeks means absent without pay from a job or business. Persons were absent without pay in a month if they were "with a job" during the entire month, but were not at work at that job during at least 1 full week (Sunday through Saturday) during the month, and did not receive wages or a salary for any time during that week. Reasons for an unpaid absence include vacation, illness, layoff, bad weather, labor disputes, and waiting to start a new job.

**Family household**. A family household is a household maintained by a family; any unrelated persons (unrelated subfamily members and/or secondary individuals) who may be residing there are included. 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.

**Family**. A family is a group of two or more persons (one of whom is the householder) related by birth, marriage, or adoption and residing together; all such persons (including related subfamily members) are considered members of one family.

**Farm-nonfarm residence**. The farm population refers to rural residents living on farms. Under this definition, a farm is any place in rural territory from which sales of crops, livestock, and other agricultural products amounted to \$1,000 or more during the previous 12-month period.

**Full-time and part-time**. The data on full- and part-time workers pertain to the number of hours a person usually worked per week during the weeks worked in the 4-month reference period of the survey. If the hours worked per week varied considerably, the respondent was asked to report an approximate average of the actual hours worked each week.

Persons 16 years old and over who reported usually working 35 or more hours each week during the weeks they worked are classified as "full-time" workers; persons who reported that they usually worked fewer than 35 hours are classified as "part-time" workers. The same definitions are used in the CPS.

**Household**. A household consists of all persons who occupy a housing unit. A house, an apartment or other group of rooms, or a single room is regarded as a housing unit when it is occupied or intended for occupancy as separate living quarters; that is, when the occupants do not live and eat with any other persons in the structure and there is either (1) direct access from the outside or through a common hall or (2) a kitchen or cooking equipment for the exclusive use of the occupants.

A household includes the related family members and all the unrelated persons, if any, such as lodgers, foster children, wards, or employees who share the housing unit. A person living alone in a housing unit or a group of unrelated persons sharing a housing unit as partners is also counted as a household. The count of households excludes group quarters. Examples of group quarters include rooming and boarding houses, college dormitories, and convents and monasteries.

**Householder**. Survey procedures call for listing first the person (or one of the persons) in whose name the home is owed or rented. If the house is owned jointly by a married couple, either the husband or the wife may be listed first, thereby becoming the reference person, or householder, to whom the relationship of the other household members is recorded. One person in each household is designated as the "householder." The number of householders, therefore, is equal to the number of households.

**Layoff**. In general, the word "layoff" means release from a job because of slack work, material shortages, inventory taking, plant remodeling, installation of machinery, or other similar reasons. For this survey, persons were also on "layoff" who did not have job but who responded that they has spent at least 1 week on layoff from a job and that they were available to accept a job.

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In addition, persons were on "layoff" in a given month if they were 16 years old or over and (a) were "with a job" but "absent without pay" from that job for at least 1 full week during that month, and (b) they responded that their main reason for being absent from their job or business was "layoff." "On layoff" also includes a small number of persons who responded that they were waiting to report to a new wage and salary job that was to begin within 30 days. In other words, persons waiting to begin a new job are classified together with persons waiting to return to a job from which they have been laid off.

**Looking for work**. Persons who "looked for work" in a given month are those who were 16 years old or over and (a) were without a job during at least 1 week during the month, (b) tried to get work or establish a business or profession in that week, and (c) were available to accept a job. Examples of jobseeking activities are (1) registering at a public or private employment office, (2) meeting with prospective employers, (3) investigating possibilities for starting a professional practice or opening a business, (4) placing or answering advertisements, (5) writing letters of application, and (6) being on a professional register.

The CPS uses a similar concept of "looking for work." The term "unemployed" as used in the CPS includes persons who were looking for work in the reference week and those who were "on layoff" or "waiting to begin a new job in 30 days."

**Low-Income Home Energy Assistance Program**. Benefits from the Federally funded LIHEAP authorized by Title XXVI of the Omnibus Budget Reconciliation Act of 1981, or comparable assistance provided through State funded assistance programs, may be received in the form of direct payment to the household as reimbursement for heating or cooling expenses or paid directly to the fuel dealer or landlord.

**Means-tested benefits**. The term means-tested benefits refers to programs that require the income or assets (resources) of the individual or family be below specified guidelines in order to qualify for benefits. These programs provide cash and noncash assistance to the low-income population.

**Medicaid**. This term refers to the Federal-State program of medical assistance for low-income individuals and their families as provided for by Title XIX of the Social Security Act. The phrase "Medicaid covered" refers to persons enrolled in the Medicaid program, regardless of whether they actually utilized any Medicaid covered health care services during the survey reference period.

**Medicare**. This term refers to the Federal Health Insurance Program for the Aged and Disabled as provided for by Title XVIII of the Social Security Act. The phrase "Medicare covered" refers to persons enrolled in the Medicare program, regardless of whether they actually utilized any Medicare covered health care services during the survey reference period.

**Monthly income**. The monthly income estimates for households are based on the sum of the monthly income received by each household member age 15 years old or over.

Rebates, refunds, loans, and capital gain or loss amounts from the sale of assets, and interhousehold transfers of cash such as allowances are not included. Accrued interest on Individual Retirement Accounts, KEOUGH retirement plans. and U.S. Savings bonds are also excluded. This definition differs somewhat from that used in the annual income reports based on the March CPS Income supplement questionnaire. These data, published in the Consumer Income Series, P-6O, are based only on income received in a regular or periodic manner and, therefore, exclude lump-sum or one-time payments such as inheritances and insurance settlements. The March CPS income definition, however, does exclude the same income sources excluded by SIPP.

The income amounts represent amounts actually received during the month, before deductions for income and payroll taxes, union dues, Part B Medicare premiums, etc.

The SIPP income definition includes three types of earnings: wages and salary, nonfarm self-employment, and farm self-employment. The definition of nonfarm self-employment and farm self-employment is not based on the net difference between gross receipts or sales and operating expenses, depreciation, etc. The monthly amounts for these income types are based on the salary or other income received from the business by the owner of the business or farm during the 4-month reference period.

The Bureau of Labor Statistics publishes quarterly averages for an earnings concept called "usual weekly earnings" for employed wage and salary workers. The concept differs from the SIPP earnings concept since it is based on usual, not actual earnings, excludes the self-employed, and excludes earnings from secondary jobs.

While the income amounts from most sources are recorded monthly for the 4-month reference period, property income amounts, interest, dividends, rental income, etc., were recorded as totals for the 4-month period. These totals were distributed equally between months of the reference period for purposes of calculating monthly averages.

**Nonfamily household**. A nonfamily household is a household maintained by a person living alone or with nonrelatives only.

**Persons of Spanish origin**. Persons of Spanish origin were determined on the basis of a question that asked for self-identification of the person's origin or descent. Respondents were asked to select their origin (or the origin of some other household member) from a "flash card" listing ethnic origins. Persons of Spanish origin, in particular, were those who indicated that their origin was Mexican, Puerto Rican, Cuban, Central or South American, or some other Spanish origin. It should be noted that persons of Spanish origin may be of any race.

**Population coverage**. The estimates are restricted to the civilian noninstitutional population of the 50 States and members of the Armed Forces living off post or with their families on post.

**Race**. The population is divided into groups on the basis of race: White; Black; American Indian, Eskimo, or Aleut; Asian or Pacific Islander; and "other races."

**Special Supplemental Food Program for women, Infants, and Children (WIC)**. Benefits are received in the form of vouchers that are redeemed at retail stores for specific supplemental nutritious foods. Eligible low-income recipients are infants and children up to age five and pregnant, postpartum, and breastfeeding women.

**Unemployment compensation**. This term refers to cash benefits paid to unemployed workers through a State or local unemployment agency. These include all benefits paid under the Federal-State unemployment insurance program as established under the Social Security Act, as well as those benefits paid to State and local government employees, Federal civilian employees, and veterans.

**With a Job**. Persons are classified "with a job" in a given month if they were 16 years old or over and, during the month, either (a) worked as paid employees or worked in their own business or profession or on their own farm or worked without pay in a family business or farm or (b) were temporarily absent from work either with or without pay. In general, the word "job" implies an arrangement for regular work for pay where payment is in cash wages or salaries, at piece rates, in tips, by commission, or in kind (meals, living quarters, supplies received). "Job" also includes self-employment at a business, professional practice, or farm. A business is defined as an activity which involves the use of machinery or equipment in which money has been invested or an activity requiring an office or "place of business" or an activity which requires advertising; payment may be in the form of profits or fees.

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The Current Population Survey (CPS), the official source of labor force statistics for the Nation, uses the same definition for a job or business. The term "with a job," however, should not be confused with the term "employed" as used in the CPS. "With a job" includes those who were temporarily absent from a job because of layoff and those waiting to begin a new job In 30 days; in the CPS these persons are not considered "employed." See "Worked each week" below.

**With labor force activity**. The term "with labor force activity" includes all persons with a job (as defined above) and those looking for work or on layoff from a job for at least 1 week during a given month. Conversely, those persons "with no labor force activity" had no job, were not on layoff from a job and made no effort to find a job during the month.

**Work disability**. Persons were classified as having a work disability if they were identified by the respondent as having a physical, mental, or other health condition that limits the kind or amount of work they can do.

**Worked each week**. Persons "worked each week" in a month if, for the entire month, they were "with a job" and not "absent without pay" from the job. In other words, a person worked each week in any month when they were (a) on the job the entire month, or (b) they received wages or a salary for all weeks in the month, whether they were on the job or not. Persons also worked each week if they were self-employed and spent time during each week of the month at or on behalf of the business or farm they owned, as long as they received or expected to receive profit or fees for their work.

In the CPS, the concept at "work" includes those persons who spent at least 1 hour during the reference week at their job or business. In the CPS, however, "at work" does not include persons who were temporarily absent from their jobs during the entire reference week on paid vacation, sick leave, etc. In SIPP, "worked each week" does include persons on paid absences.

## **INDEX TO 1996 LONGITUDINAL FILES**

## **Key to Concept Labels**

AF - Armed Forces Variables

BS - Business Variables

ED - Education Variables

FA - Family Variables

GI - General Income Variables

HH - Household Variables

HI - Health Insurance Variables

JB - Job Variables

LF - Labor Force Variables

PE - Person, Demographic, and Coverage Variables

SF - Subfamily VariablesSU - Sample Unit VariablesWW - Weighting Variables

<u>Description</u>	<u>Variable</u>	Position
AF: Allocation flag for EAFEVER	AAFEVER	543 - 543
AF: Allocation flag for EAFNOW	AAFNOW	540 - 540
AF: Allocation flag for EAFSRVDI	AAFSRVDI	560 - 560
AF: Allocation flag for EVAQUES	AVAQUES	557 - 557
AF: Allocation flag for EVAYN		
AF: Allocation flag for EVETTYP		
AF: Current Armed Forces status		
AF: Lifetime Armed Forces status		
AF: Receipt of payments from the VA this wave		
AF: Spouse died in military or service connected injury		
AF: Type of Veteran's payments		
AF: UNEDITED - When did first serve on active duty?		
AF: UNEDITED - When did next serve on active duty?		
AF: UNEDITED - When did next serve on active duty?		
AF: UNEDITED - When did next serve on active duty?		
AF: UNEDITED - When did next serve on active duty?		
AF: Veteran's annual income questionnaire		
AS: 401k or thrift plan owned		
AS: Allocation flag for EAST1A		
AS: Allocation flag for EAST1B		
AS: Allocation flag for EAST1C		
AS: Allocation flag for EAST2A		
AS: Allocation flag for EAST2B		
AS: Allocation flag for EAST2C		
AS: Allocation flag for EAST2D		
AS: Allocation flag for EAST3A		
AS: Allocation flag for EAST3B		
AS: Allocation flag for EAST3C		
AS: Allocation flag for EAST3D		
AS: Allocation flag for EAST3E		
AS: Allocation flag for EAST4A		
AS: Allocation flag for EAST4B		
AS: Allocation flag for EAST4C	AAS14C	1839 - 1839

Description	<u>Variable</u>	Position
AS: Allocation flag for EBDJT	ABDJT	. 1994 - 1994
AS: Allocation flag for EBDOAST		
AS: Allocation flag for ECDJT	ACDJT	. 1976 - 1976
AS: Allocation flag for ECDOAST		
AS: Allocation flag for ECKJT	ACKJT	. 1922 - 1922
AS: Allocation flag for ECKOAST	ACKOAST	. 1931 - 1931
AS: Allocation flag for EGVJT	AGVJT	. 2012 - 2012
AS: Allocation flag for EGVOAST	AGVOAST	. 2021 - 2021
AS: Allocation flag for EJNTRNT	AJNTRNT	. 1842 - 1842
AS: Allocation flag for EJRNT2	AJRNT2	. 1874 - 1874
AS: Allocation flag for EMANYCHK	AMANYCHK	. 2036 - 2036
AS: Allocation flag for EMDJT	AMDJT	. 1958 - 1958
AS: Allocation flag for EMDOAST	AMDOAST	. 1967 - 1967
AS: Allocation flag for EMOTHDIV	AMOTHDIV	. 2051 - 2051
AS: Allocation flag for EMRTJNT	AMRTJNT	. 1884 - 1884
AS: Allocation flag for EMRTOWN	AMRTOWN	. 1893 - 1893
AS: Allocation flag for EOWNRNT	AOWNRNT	. 1858 - 1858
AS: Allocation flag for ESANYCHK	ASANYCHK	. 2066 - 2066
AS: Allocation flag for ESOTHDIV	ASOTHDIV	. 2081 - 2081
AS: Allocation flag for ESVJT	ASVJT	. 1940 - 1940
AS: Allocation flag for ESVOAST	ASVOAST	. 1949 - 1949
AS: Allocation flag for TBDJTINT	ABDJTINT	. 2000 - 2000
AS: Allocation flag for TBDOINT	ABDOINT	. 2009 - 2009
AS: Allocation flag for TCDJTINT		
AS: Allocation flag for TCDOINT		
AS: Allocation flag for TCKJTINT		
AS: Allocation flag for TCKOINT		
AS: Allocation flag for TGVJTINT		
AS: Allocation flag for TGVOINT		
AS: Allocation flag for TJACLR		
AS: Allocation flag for TJACLR2		
AS: Allocation flag for TJARNT		
AS: Allocation flag for TMDJTINT		
AS: Allocation flag for TMDOINT	AMDOINT	. 1973 - 1973
AS: Allocation flag for TMIJNT	AMIJNT	. 1890 - 1890
AS: Allocation flag for TMIOWN		
AS: Allocation flag for TMJADIV		
AS: Allocation flag for TMJNTDIV		
AS: Allocation flag for TMOWNADV		
AS: Allocation flag for TMOWNDIV		
AS: Allocation flag for TOACLR		
AS: Allocation flag for TOARNT		
AS: Allocation flag for TRNDUP1		
AS: Allocation flag for TRNDUP2		
AS: Allocation flag for TSJADIV		
AS: Allocation flag for TSJNTDIV		
AS: Allocation flag for TSOWNADV		
AS: Allocation flag for TSOWNDIV		
AS: Allocation flag for TSVJTINT		
AS: Allocation flag for TSVOINT		
AS: Amnt of monthly interest from joint municipal bonds	IBDJIINI	. 1995 - 1999

<u>Description</u>	<u>Variable</u>	Position
AS: Amount of all interest income	TINTINC	. 2028 - 2033
AS: Amount of check from jointly held mutual funds	TMJNTDIV	. 2037 - 2041
AS: Amount of check from solely held mutual funds	TMOWNDIV	. 2043 - 2047
AS: Amount of dividend check for solely held stocks		
AS: Amount of dividend check from jointly held stocks	TSJNTDIV	. 2067 - 2071
AS: Amount of dividend credited solely held margin accnt	TSOWNADV	. 2088 - 2092
AS: Amount of dividend credited to a joint margin accnt	TSJADIV	. 2082 - 2086
AS: Amount of dividends credited to joint margin account	TMJADIV	. 2052 - 2056
AS: Amount of dividends credited to own margin account		
AS: Amount of gross rent from own property	TOARNT	. 1859 - 1863
AS: Amount of gross rent from property joint with spouse	TJARNT	. 1843 - 1847
AS: Amount of income from royalties	TRNDUP1	. 1900 - 1904
AS: Amount of interest paid on mortgage owned with spouse	TMIJNT	. 1885 - 1889
AS: Amount of interest paid on own mortgage	TMIOWN	. 1894 - 1898
AS: Amount of mnthly interest from joint checking account	TCKJTINT	. 1923 - 1927
AS: Amount of monthly int from joint US Govt securities	TGVJTINT	. 2013 - 2017
AS: Amount of monthly int from own US Govt securities	TGVOINT	. 2022 - 2026
AS: Amount of monthly interest from joint CDs		
AS: Amount of monthly interest from own checking account	TCKOINT	. 1932 - 1936
AS: Amount of monthly interest from own municipal bonds		
AS: Amount of monthly interest from own savings account		
AS: Amount of monthly interest from solely owned CDs		
AS: Amount of monthly interest on joint money market		
AS: Amount of monthly interest on joint savings account		
AS: Amount of net income from own rental property		
AS: Amount of net income from rental property with others		
AS: Amount of other income from financial investments		
AS: Amount of total other property income		
AS: Amt of monthly interest from own money markt deposit		
AS: Amt of net rent from prop. held jointly with spouse		
AS: Certificate of deposit owned		
AS: Dividend check for jointly or solely held stocks		
AS: Dividend check from joint/sole owned mutual funds		
AS: Dividends credited against margin accounts		
AS: Dividends credited to margin account		
AS: IRA or Keogh account owned		
AS: Interest bearing checking account owned		
AS: Jointly owned U.S. Government securities		
AS: Jointly owned certificates of deposit		
AS: Jointly owned interest bearing checking account		
AS: Jointly owned money market deposit account		
AS: Jointly owned municipal or corporate bonds		
AS: Money market deposit account owned		
AS: Mortgage held		
AS: Mortgage owned jointly with spouse		
AS: Municipal or corporate bonds owned		
AS: Mutual funds owned		
AS: Other financial investments owned		
AS: Ownership of jointly held savings account		
AS: Ownership of jointly field savings account		
7.6 Owner on policing friend daylings account		. 1011 1070

<u>Description</u>	<u>Variable</u>	Position
AS: Rent from property jointly owned with spouse	EJNTRNT	1840 - 1841
AS: Rent from property owned entirely in own name		
AS: Rent from property owned with others		
AS: Rental property owned		
AS: Royalty income received		
AS: Savings account owned		
AS: Solely owned U.S. Government securities	EGVOAST	2019 - 2020
AS: Solely owned certificates of deposit		
AS: Solely owned interest bearing checking account	ECKOAST	1929 - 1930
AS: Solely owned money market deposit account	EMDOAST	1965 - 1966
AS: Solely owned municipal or corporate bonds	EBDOAST	2001 - 2002
AS: Stocks owned	EAST3B	1819 - 1820
AS: Total amount of all dividend income	TDIVINC	2094 - 2098
AS: U.S. governement savings bonds owned	EAST1A	1795 - 1796
AS: U.S. government securities owned	EAST3D	1825 - 1826
BS: Across-wave business index/number		
BS: Across-wave business index/number	EBNO2	1110 - 1111
BS: Allocation flag for EBIZNOW1	ABIZNOW1	1030 - 1030
BS: Allocation flag for EBIZNOW2		
BS: Allocation flag for EEMPB1		
BS: Allocation flag for EEMPB2		
BS: Allocation flag for EGROSB1		
BS: Allocation flag for EGROSB2		
BS: Allocation flag for EGRSSB1		
BS: Allocation flag for EGRSSB2		
BS: Allocation flag for EHPRTB1		
BS: Allocation flag for EHPRTB2		
BS: Allocation flag for EHRSBS1		
BS: Allocation flag for EHRSBS2		
BS: Allocation flag for EINCPB1		
BS: Allocation flag for EINCPB2		
BS: Allocation flag for EOINCB1		
BS: Allocation flag for EOINCB2		
· ·		
BS: Allocation flag for EPROPB2	APROPB2	1153 - 1153
BS: Allocation flag for ERENDB1		
BS: Allocation flag for ERENDB2		
BS: Allocation flag for ESLRYB1		
BS: Allocation flag for ESLRYB2		
BS: Allocation flag for TBMSUM1		
BS: Allocation flag for TBSIND1		
BS: Allocation flag for TBSIND2		
BS: Allocation flag for TBSOCC1		
BS: Allocation flag for TBSOCC2		
BS: Allocation flag for TEBDATE1		
BS: Allocation flag for TEBDATE1		
BS: Allocation flag for TPRFTB1		
BS: Allocation flag for TPRFTB2		
BS: Allocation flag for TSBDATE1		
BS: Allocation flag for TSBDATE2		
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<u>Description</u>	<u>Variable</u>	<u>Position</u>
BS: Anticipated gross-earnings level	EGROSB1	1055 - 1056
BS: Anticipated gross-earnings level		
BS: Date operation of business began	TSBDATE1	1031 - 1038
BS: Date operation of business began	TSBDATE2	1115 - 1122
BS: Date operation of business ended	TEBDATE1	1040 - 1047
BS: Date operation of business ended	TEBDATE2	1124 - 1131
BS: Earnings level last 12 months	EGRSSB1	1058 - 1059
BS: Earnings level last 12 months	EGRSSB2	1142 - 1143
BS: Income received this month	TBMSUM1	1085 - 1089
BS: Income received this month	TBMSUM2	1169 - 1173
BS: Incorporated business	EINCPB1	1064 - 1065
BS: Incorporated business	EINCPB2	1148 - 1149
BS: Industry code	TBSIND1	1103 - 1104
BS: Industry code		
BS: Maximum number of employees		
BS: Maximum number of employees		
BS: Net profit or loss		
BS: Net profit or loss		
BS: Occupation code		
BS: Occupation code		
BS: Other owners/partners in household		
BS: Other owners/partners in household		
BS: Ownership of business		
BS: Ownership of business		
BS: Person number of partner 1		
BS: Person number of partner 1		
BS: Person number of partner 2		
BS: Person number of partner 2		
BS: Person number of partner 3		
BS: Reason business ended		
BS: Reason business ended		
BS: Receipt of non-salary income		
BS: Receipt of non-salary income		
BS: Salary draw from business		
BS: Salary draw from business		
BS: Type of proprietorship		
BS: Type of proprietorship		
BS: Usual hours worked per week		
BS: Usual hours worked per week		
ED: Allocation flag for EASST01-EASST11		
ED: Allocation flag for EEDFUND		
ED: Allocation flag for EEDUCATE		
ED: Allocation flag for EENLEVEL		
ED: Allocation flag for EENRLM		
ED: Allocation flag for RENROLL		
ED: Assistance from college (or fed) work study program		
ED: Educational assistance	EEDFUND	762 - 763
ED: Employer provided educational assistance		
ED: Enrolled Full/Part sometime during 4 month period		
ED: Enrollment status in this month	EENRLM	754 - 755

<u>Description</u>	<u>Variable</u>	Position
ED: Federal Pell Grant	EASST01	765 - 766
ED: Full period enrollment status		
ED: Grant, Scholarship, or Tuition remission from school		
ED: Grant/Scholarship from other source		
ED: Grant/Scholarship from the state (SSIGP, etc.)		
ED: Highest Degree received or grade completed		
ED: Level or grade enrolled		
ED: Loan that has to be repaid (Stafford, Perkins, SLS)		
ED: Other Federal Grant or Program; e.g., SEOG, ROTC		
ED: Other Financial Aid excl. aid from parents, trust,etc		
ED: Teaching or Research Assistantship from the school		
FA: Change in family composition from previous month		
FA: Family ID Number for this month		
FA: Family ID excluding related subfamily members		
FA: Family distributions from pension plans		
FA: Family retirement lump sum payments		
FA: Kind of family (or pseudo-family)		
FA: Low income cutoff for this family		
FA: Number of Social Security recipients in family		
FA: Number of own children in family		
FA: Number of own children under 18 in family		
FA: Number of persons in this family or pseudo family		
FA: Person number of spouse of family ref. person	EFSPOUSE	265 - 268
FA: Person number of the family reference person	EFREFPER	261 - 264
FA: Related or unrelated subfamily ID Number for this month	RSID	385 - 387
FA: Total 'other' family income for this month	TFOTHINC	314 - 320
FA: Total Family Aid to Families w/Dependent Children	TFAFDC	373 - 378
FA: Total Family Food Stamps Received Recode	TFFDSTP	379 - 384
FA: Total Family Social Security Income Recode	TFSOCSEC	349 - 354
FA: Total Family Supplemental Security Income Recode		
FA: Total Family Unemployment Income Recode	TFUNEMP	361 - 366
FA: Total Family Veterans Payments Recode	TFVETS	367 - 372
FA: Total family earned income for this month	TFEARN	292 - 298
FA: Total family income for this month	TFTOTINC	321 - 328
FA: Total family means-tested cash transfers for this month	TFTRNINC	307 - 313
FA: Total family property income for this month		
FA: Total number of children under 18 in family	RFNKIDS	274 - 275
FA: Type of family (or pseudo-family)	EFTYPE	269 - 270
GI: Allocation flag for ECOMSERV	ACOMSERV	1313 - 1313
GI: Allocation flag for ECOMTYPE		
GI: Allocation flag for ER75		
Gl: Type of Community service, Welfare office job-training		
Gl: 1st reason applying for General Asst the 1st time		
Gl: 1st reason applying for General Asst the 2nd time		
Gl: 1st reason applying for Other Welfare the 1st time		
Gl: 1st reason applying for Other Welfare the 2nd time		
Gl: 1st reason applying for SSI the 1st time		
GI: 1st reason applying for SSI the 2nd time		
GI: 1st reason for applying for Food Stamps the 2nd time		
GI: 2nd reason applying for General Asst the 1st time		
GI: 2nd reason applying for General Asst the 2nd time	RGB2R2	1765 - 1766

<u>Description</u>	<u>Variable</u>	<u>Position</u>
GI: 2nd reason applying for Other Welfare the 1st time	ROB1R2	1773 - 1774
GI: 2nd reason applying for Other Welfare the 2nd time		
GI: 2nd reason applying for SSI the 1st time		
GI: 2nd reason applying for SSI the 2nd time		
GI: 2nd reason for applying for Food Stamps the 1st time		
GI: 2nd reason for applying for Food Stamps the 2nd time		
GI: Age Social Security Disability payments began		
GI: Agreement for support payments		
GI: Allocation flag RRRSN	ARRRSN	1250 - 1250
GI: Allocation flag for ALMPTYP3	ALMPTYP3	1208 - 1208
GI: Allocation flag for EALIYN	AALIYN	1277 - 1277
GI: Allocation flag for EASETDRW	AASETDRW	1319 - 1319
GI: Allocation flag for ECSAGREE	ACSAGREE	1271 - 1271
GI: Allocation flag for ECSYN	ACSYN	1274 - 1274
GI: Allocation flag for EFCCYN	AFCCYN	1268 - 1268
GI: Allocation flag for EFSYN	AFSYN	1280 - 1280
GI: Allocation flag for EJNTSSYN	AJNTSSYN	1331 - 1331
GI: Allocation flag for ELMPTYP1	ALMPTYP1	1202 - 1202
GI: Allocation flag for ELMPTYP2	ALMPTYP2	1205 - 1205
GI: Allocation flag for EPATYN	APATYN	1289 - 1289
GI: Allocation flag for EPATYP1	APATYP1	1292 - 1292
GI: Allocation flag for EPATYP2		
GI: Allocation flag for EPATYP3		
GI: Allocation flag for EPATYP4		
GI: Allocation flag for EPATYP5		
GI: Allocation flag for EPATYP6		
GI: Allocation flag for EPATYP7		
GI: Allocation flag for EPSSTHRU		
GI: Allocation flag for ER01A		
GI: Allocation flag for ER01K		
GI: Allocation flag for ER02		
GI: Allocation flag for ER03A		
GI: Allocation flag for ER03K		
GI: Allocation flag for ER04		
GI: Allocation flag for ER05		
GI: Allocation flag for ER07		
GI: Allocation flag for ER08		
GI: Allocation flag for ER09		
GI: Allocation flag for ER10		
GI: Allocation flag for ER12		
GI: Allocation flag for ER13		
GI: Allocation flag for ER14		
GI: Allocation flag for ER15		
GI: Allocation flag for ER20		
GI: Allocation flag for ER21		
GI: Allocation flag for ER23		
GI: Allocation flag for ER25		
GI: Allocation flag for ER25		
GI: Allocation flag for ER27		
GI: Allocation flag for ER28		
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Description	<u>Variable</u>	Position
GI: Allocation flag for ER29	AR29	1403 - 1403
GI: Allocation flag for ER30		
GI: Allocation flag for ER31		
GI: Allocation flag for ER32		
GI: Allocation flag for ER34	AR34	1415 - 1415
GI: Allocation flag for ER35	AR35	1418 - 1418
GI: Allocation flag for ER36		
GI: Allocation flag for ER37		
GI: Allocation flag for ER38		
GI: Allocation flag for ER39		
GI: Allocation flag for ER42		
GI: Allocation flag for ER50		
GI: Allocation flag for ER51		
GI: Allocation flag for ER52		
GI: Allocation flag for ER53		
GI: Allocation flag for ER55		
GI: Allocation flag for ER56		
GI: Allocation flag for ERESNSS2		
GI: Allocation flag for EROLOVR2		
GI: Allocation flag for ESSCHILD		
GI: Allocation flag for ESSICHLD		
GI: Allocation flag for ESSISELF		
GI: Allocation flag for ESSSELF		
GI: Allocation flag for ESTSSI		
GI: Allocation flag for EUECTYP5		
GI: Allocation flag for EUECTYP7	AUECTYP7	1199 - 1199
GI: Allocation flag for EWICYN	AWICYN	1286 - 1286
GI: Allocation flag for RBLKLRSN	ABLKLRSN	1253 - 1253
GI: Allocation flag for REMPDRSN		
GI: Allocation flag for RESTARSN		
GI: Allocation flag for RFCSRSN		
GI: Allocation flag for RINSRSN	AINSRSN	1229 - 1229
GI: Allocation flag for RLGOVRSN	ALGOVRSN	1244 - 1244
GI: Allocation flag for RLIFIRSN		
GI: Allocation flag for RMILRSN		
GI: Allocation flag for ROTHRRSN		
GI: Allocation flag for RPENSRSN		
GI: Allocation flag for RSTATRSN		
GI: Allocation flag for RVETSRSN		
GI: Allocation flag for T01AMTA		
GI: Allocation flag for T01AMTK		
GI: Allocation flag for T02AMT		
GI: Allocation flag for T03AMTA		
GI: Allocation flag for T03AMTK		
GI: Allocation flag for T04AMT		
GI: Allocation flag for T05AMT		
GI: Allocation flag for T07AMT		
GI: Allocation flag for T08AMT	A08AMT	1508 - 1508

<u>Description</u>	<u>Variable</u>	Position
GI: Allocation flag for T09AMT		1514 - 1514
GI: Allocation flag for T10AMT		
GI: Allocation flag for T12AMT		
GI: Allocation flag for T13AMT		
GI: Allocation flag for T14AMT		1538 - 1538
GI: Allocation flag for T15AMT		1544 - 1544
GI: Allocation flag for T20AMT		1550 - 1550
GI: Allocation flag for T21AMT		
GI: Allocation flag for T23AMT		
GI: Allocation flag for T24AMT		1568 - 1568
GI: Allocation flag for T25AMT		1574 - 1574
GI: Allocation flag for T26AMT		
GI: Allocation flag for T27AMT		
GI: Allocation flag for T28AMT		
GI: Allocation flag for T29AMT		
GI: Allocation flag for T30AMT		
GI: Allocation flag for T31AMT		
GI: Allocation flag for T32AMT		
GI: Allocation flag for T34AMT		
GI: Allocation flag for T35AMT		
GI: Allocation flag for T36AMT		
GI: Allocation flag for T37AMT		
GI: Allocation flag for T38AMT		
GI: Allocation flag for T39AMT		
GI: Allocation flag for T50AMT		
GI: Allocation flag for T51AMT		
GI: Allocation flag for T52AMT		
GI: Allocation flag for T53AMT		
GI: Allocation flag for T55AMT		
GI: Allocation flag for T56AMT		
GI: Allocation flag for T75AMT		
GI: Allocation flag for TAGESS		
GI: Allocation flag for TCSAGY		
GI: Allocation flag for TROLLAMT	AROLLAMT	1722 - 1722
GI: Amnt rolled over into retirement acct in ref. period	TROLLAMT	1716 - 1721
GI: Amount from estates or trusts (ISS Code 37)		
GI: Amount of AFDC,ADC (ISS Code 20)		
GI: Amount of Federal Civil Service pension (ISS Code 31)		
GI: Amount of Federal SSI - Adult (ISS Code 3)	T03AMTA	1473 - 1477
GI: Amount of Federal SSI - Child (ISS Code 3)	T03AMTK	1479 - 1483
GI: Amount of Food Stamps (ISS Code 27)		
Gl: Amount of General Assistance or General Relief		
Gl: Amount of Railroad Retirement (ISS Code 2)		
GI: Amount of Social Security - Adult (ISS Code 1)		
GI: Amount of Social Security - Child (ISS Code 1)		
GI: Amount of State SSI (ISS Code 4)		
Gl: Amount of State government pension (ISS Code 34)		
GI: Amount of State unemployment compensation		
GI: Amount of U.S. Military retirement pay		
GI: Amount of Veterans compensation or pension		1503 - 1507

<u>Description</u>	<u>Variable</u>	<u>Position</u>
GI: Amount of WIC payments (ISS Code 25)	T25AMT	1569 - 1573
GI: Amount of alimony payments (ISS Code 29)		
GI: Amount of black lung payment (ISS Code 9)		
GI: Amount of child support payments (ISS Code 28)		
GI: Amount of draw from an IRA/Keough/401k or Thrift Plan		
GI: Amount of employer disability payments (ISS Code 14)		
GI: Amount of employer/union temp. sickness benefits		
GI: Amount of foster child care payments (ISS Code 23)		
GI: Amount of incidental or casual earnings		
GI: Amount of income assistance from a charitable group		
Gl: Amount of income from paid-up life insurance policy		
Gl: Amount of income from roomers or boarders		
GI: Amount of local government pension (ISS Code 35)		
Gl: Amount of lump sum payments (ISS Code 52)		
Gl: Amount of miscellaneous cash income		
Gl: Amount of money from relatives or friends		
Gl: Amount of other government income (ISS Code 75)		
Gl: Amount of other unemployment compensation		
Gl: Amount of other welfare (ISS Code 24)		
Gl: Amount of own sickness, accident, disability insur		
Gl: Amount of pass-through child support payments		
GI: Amount of pension from a company or union		
GI: Amount of pension/retirement lump sums (ISS Code 39)		
GI: Amount of pension/retirement tump sums (133 code 39)		
GI: Amount of workers' compensation (ISS Code 10)		
GI: Amount received by Agency on's behalf		
GI: Amt. from other retirement, disability or survivor		
GI: Community service, work-related or job-training		
GI: First reason for applying for AFDC the 1st time		
GI: First reason for applying for AFDC the 2nd time		
GI: First reason for applying for Food Stamps the 1st time		
GI: First reason for applying for WIC the 1st time		
GI: First reason for applying for WIC the 2nd time		
GI: First reason for receipt of Social Security		
GI: Money rolled over into IRA/other type of retirement		
GI: Plan to roll over money into IRA/other retirement		
Gl: Reason for payment from own insurance policy		
Gl: Reason for payments from paid-up life ins. policy		
Gl: Reason for pension from company or union		
Gl: Reason for receipt of 'other' retirement income		
Gl: Reason for receipt of Railroad Retirement pay		
GI: Reason for receipt of V.S. military retirement		
Gl: Reason for receipt of Veterans' comp. or pensions		
Gl: Reason for receipt of black lung payment		
Gl: Reason for receipt of black lang payments		
Gl: Reason for receipt of federal civilian pension		
Gl: Reason for receipt of local government pension		
GI: Reason for receipt of state government pension		
GI: Reason for receipt of workers' compensation		
GI: Reason for receiving income from estates and trusts		
GI: Reason for stopping AFDC the first time		

<u>Description</u>	<u>Variable</u>	Position
GI: Reason for stopping AFDC the second time	RAS2	1733 - 1734
GI: Reason for stopping Food Stamps the first time		
GI: Reason for stopping Food Stamps the second time	RFS2	1757 - 1758
GI: Reason for stopping General Assist the 1st time		
GI: Reason for stopping General Assist the 2nd time	RGS2	1769 - 1770
GI: Reason for stopping Other Welfare the first time		
GI: Reason for stopping Other Welfare the second time		
GI: Reason for stopping SSI the first time		
GI: Reason for stopping SSI the second time		
GI: Reason for stopping WIC the first time		
Gl: Reason for stopping WIC the second time		
Gl: Receipt of AFDC (ISS Code 20)		
Gl: Receipt of AFDC, welfare, or public assistance		
Gl: Receipt of AFDC,ADC (ISS Code 20)		
Gl: Receipt of Alimony Payments (ISS Code 29)		
Gl: Receipt of Black Lung payments (ISS Code 9)		
GI: Receipt of Child Care Assistance		
Gl: Receipt of Critic Support Payments (153 Code 26)		
GI: Receipt of Employer Disability Fayments (133 Code 14)		
Gl: Receipt of Employer/Offich Femp. Sickness Benefits		
Gl: Receipt of Estates of Husts (166 code 37)		
GI: Receipt of Federal SSI - Adult (ISS Code 3)		
GI: Receipt of Federal SSI - Child (ISS Code 3)		
GI: Receipt of Food Stamps (ISS Code 27)		
GI: Receipt of Foster Child Care Payments (ISS Code 23)		
GI: Receipt of General Assistance or General Relief		
GI: Receipt of Local Government Pension (ISS Code 35)		
GI: Receipt of Other Government Assistance (ISS Code 24)		
GI: Receipt of Other Unemployment Comp. (ISS Code 7)		
GI: Receipt of Other Welfare (ISS Code 24)		
GI: Receipt of Pass Through Child Support Payments	ER26	1392 - 1393
GI: Receipt of Pension/Retirement Lump Sums (ISS Code 39)	ER39	1428 - 1429
GI: Receipt of Railroad Retirement (ISS Code 2)	ER02	1338 - 1339
GI: Receipt of SSI for children (ISS Code 3)	ESSICHLD	1215 - 1216
GI: Receipt of SSI for self (ISS Code 3)		
Gl: Receipt of Severance Pay (ISS Code 15)	ER15	1374 - 1375
Gl: Receipt of Short-Term Cash (ISS Code 24)		
Gl: Receipt of Social Security - Adult (ISS Code 1)		
Gl: Receipt of Social Security - Child (ISS Code 1)		
Gl: Receipt of Social Security payments for children		
Gl: Receipt of Social Security payments for self		
Gl: Receipt of State Government Pension (ISS Code 34)		
Gl: Receipt of State SSI (ISS Code 4)		
Gl: Receipt of State Unemployment Comp. (ISS Code 5)		
Gl: Receipt of State administered SSI (ISS Code 4)		
Gl: Receipt of State unemployment comp. (ISS Code 5)		
Gl: Receipt of U.S. Military Retirement Pay (ISS Code 32)		
GI: Receipt of Veterans' Compensation (ISS Code 8)		
GI: Receipt of WIC (ISS Code 25)		
GI: Receipt of Workers Compensation (ISS Code 10)	EK1U	1302 - 1303

<u>Description</u>	<u>Variable</u>	Position
GI: Receipt of alimony payments (ISS Code 29)	EALIYN	1275 - 1276
GI: Receipt of child support as bonus/passthru AFDC		
GI: Receipt of child support payments (ISS Code 28)		
GI: Receipt of draw from IRA/Keough/401k or Thrift Plan		
GI: Receipt of energy assistance (ISS Code 19)	EPATYP3	1296 - 1297
GI: Receipt of food stamps (ISS Code 27)	EFSYN	1278 - 1279
GI: Receipt of foster child care payments (ISS Code 23)	EFCCYN	1266 - 1267
GI: Receipt of general assistance (ISS Code 21)	EPATYP2	1293 - 1294
GI: Receipt of incidental or casual earnings	ER55	1446 - 1447
Gl: Receipt of income assistance from a charitable group	ER50	1434 - 1435
GI: Receipt of income from IRA, 401k, or KEOGH (ISS 42)	EASETDRW	1317 - 1318
GI: Receipt of income from roomers or boarders	ER53	1443 - 1444
Gl: Receipt of joint Social Security payments with spouse	EJNTSSYN	1329 - 1330
GI: Receipt of lump sum from pension/retirement plan		
GI: Receipt of lump sum payments (ISS Code 52)	ER52	1440 - 1441
Gl: Receipt of miscellaneous cash income (ISS Code 56)		
Gl: Receipt of money from relatives or friends		
Gl: Receipt of other government income (ISS Code 75)	ER75	1452 - 1453
Gl: Receipt of other public assistance (ISS Code 24)	EPATYP4	1299 - 1300
GI: Receipt of other retirement, disability or survivors	ER38	1425 - 1426
GI: Receipt of other type of lump sum payment	ELMPTYP3	1206 - 1207
Gl: Receipt of other unemployment comp. (ISS Code 7)	EUECTYP7	1197 - 1198
GI: Receipt of own sickness, accident insurance payments	ER13	1368 - 1369
GI: Receipt of paid-up life insurance annuity	ER36	1419 - 1420
GI: Receipt of pension from a company or union	ER30	1404 - 1405
GI: Receipt of severance pay (ISS Code 15)	ELMPTYP2	1203 - 1204
GI: Recipiency of WIC (ISS Code 25)	EWICYN	1284 - 1285
GI: Second reason for applying for AFDC the 1st time	RAB1R2	1725 - 1726
GI: Second reason for applying for AFDC the 2nd time	RAB2R2	1729 - 1730
GI: Second reason for applying for WIC the 1st time	RWB1R2	1737 - 1738
GI: Second reason for applying for WIC the 2nd time	RWB2R2	1741 - 1742
GI: Second reason for receipt of Social Security	ERESNSS2	1323 - 1324
HH: Number of children receiving complete breakfast		
HH: Number of children receiving lunch at school	RNKLUN	128 - 129
HH: Number of related subfamilies for this household	RHNSF	51 - 52
HH: Access to living quarters	EACCESS	79 - 80
HH: Allocation Flag for EEGYAST	AEGYAST	111 - 111
HH: Allocation flag for EACCESS	AACCESS	81 - 81
HH: Allocation flag for EBRKFST	ABRKFST	138 - 138
HH: Allocation flag for EEGYAMT		
HH: Allocation flag for EEGYPMT1-EEGYPMT3		
HH: Allocation flag for EFREEBRK	AFREEBRK	143 - 143
HH: Allocation flag for EFREELUN	AFREELUN	132 - 132
HH: Allocation flag for EFRERDBK		
HH: Allocation flag for EFRERDLN	AFRERDLN	135 - 135
HH: Allocation flag for EGVTRNT		
HH: Allocation flag for EHOTLUNC		
HH: Allocation flag for ELIVQRT	ALIVQRT	87 - 87
HH: Allocation flag for EPUBHSE		
HH: Allocation flag for ETENURE		
HH: Allocation flag for EUNITS	AUNITS	84 - 84

<u>Description</u>	<u>Variable</u>	<u>Position</u>
HH: Allocation flag for EUTILYN	AUTILYN	108 - 108
HH: Allocation flag for EWRSECT8		
HH: Allocation flag for TMTHRNT		
HH: Amount of energy assistance		
HH: Amount of monthly rent		
HH: Are the breakfasts free or are they reduced price?		
HH: Are the lunches free or are they reduced price?	EFRERDLN	133 - 134
HH: CMSA/PMSA/MSA Code	TMSA	72 - 75
HH: Change in household composition from previous month	RHCHANGE	76 - 76
HH: Distributions from pension plans	THPNDIST	196 - 202
HH: Energy assist paymnt to utils, fuel dealers, landlord	EEGYPMT3	116 - 117
HH: Energy assistance payment by check	EEGYPMT1	112 - 113
HH: Energy assistance payment by coupons	EEGYPMT2	114 - 115
HH: FIPS State Code	TFIPSST	42 - 43
HH: Flag indicating transfer of program question data	RPRGQUES	147 - 147
HH: Household cash benefits receipt flag		
HH: Household means-tested cash or noncash receipt flag		
HH: Household noncash benefits receipt flag	RHNBRF	185 - 186
HH: Household type		
HH: Interview Status code for this household		
HH: Low income cutoff for this household		
HH: Metro/Residual status		
HH: No. of fams and psuedo fams (excluding related subs)		
HH: Number of Social Security recipients in household		
HH: Number of families and pseudo families in this hhld		
HH: Number of housing units		
HH: Ownership status of living quarters		
HH: Payment of utilities in public housing units		
HH: Person number of household reference person		
HH: Qualify for free or reduced price breakfast		
HH: Qualify for free or reduced price school lunch		
HH: Receipt of Government substatzed tent		
HH: Receipt of a school function		
HH: Receipt of school breakfast		
·		
HH: Residence in Section 8 or other program		
HH: Retirement lump sum payments		
HH: Total 'other' household income		
HH: Total Household Food Stamps Received Recode		
HH: Total Household Noncash Income Recode		
HH: Total Household Social Security Income Recode		
HH: Total Household Supplemental Security Income Recode		
HH: Total Household Unemployment Income Recode		
HH: Total Household Veterans Payments Recode		
HH: Total household AFDC income		
HH: Total household earned income		
HH: Total household income		
HH: Total household means-tested cash transfers		
HH: Total household property income		
HH: Total number of persons in this hhld in this month	EHHNUMPP	57 - 59

<u>Description</u>	<u>Variable</u>	<u>Position</u>
HH: Type of living quarters	ECDUNT1	2107 - 2109
HI: 1st health insurance coverage unit for this month		
HI: 2nd Medicaid coverage unit for this month		
HI: 2nd health insurance coverage unit for this month		
HI: 3rd Medicaid coverage unit for this month		
HI: 3rd health insurance coverage unit for this month		
HI: Allocation flag for ECRMTH		
HI: Allocation flag for EHEMPLY		
HI: Allocation flag for EHICOST		
HI: Allocation flag for EHIMTH		
HI: Allocation flag for EHIOLDKD		
HI: Allocation flag for EHIOTHER		
HI: Allocation flag for EHIOTHR		
HI: Allocation flag for EHIOWNER		
HI: Allocation flag for EHISPSE		
HI: Allocation flag for EHIYNGKD		
HI: Allocation for variables EHIRSN01 through EHIRSN12		
HI: Coverage of older child (18+) outside the household	EHIOLDKD	2146 - 2147
HI: Coverage of other person(s) outside the household	EHIOTHR	2152 - 2153
HI: Coverage of spouse outside the household		
HI: Coverage of younger child (under 18) outside the hhld		
HI: Covered by own plan or someone else's plan		
HI: Covered by plan owned by person outside household		
HI: Employer/union paid all or part of health ins. costs		
HI: Health insurance coverage of nonhousehold members		
HI: Medicaid coverage in this month		
HI: Medicare coverage in this month		
HI: Military related health care coverage in this month		
HI: Private health insurance coverage in this month		
HI: Reason not covered: Use VA or military hospital		
HI: Reason not covered: covered by other health plan		
HI: Reason not covered: don't believe in insurance	FHIRSN07	
HI: Reason not covered: haven't needed health insurance		
HI: Reason not covered: job layoff, loss, unemployment		
HI: Reason not covered: no longer covered by parents		
HI: Reason not covered: not at job long enough to qualify		
HI: Reason not covered: not eligible-part time or temp		
HI: Reason not covered: poor health, illness, age, etc		
HI: Reason not covered: some other reason		
HI: Reason not covered: too expensive, can't afford	EHIRSN01	2155 - 2156
HI: Recode for types of private health insurance coverage		
HI: Source of health insurance		
HI: Type of Medicare Coverage		
JB: Across-wave employer index/number		
JB: Across-wave employer index/number		
JB: Allocation flag ESTLEMP1		
JB: Allocation flag ESTLEMP2		
JB: Allocation flag for ECLWRK1	ACLWRK1	924 - 924

<u>Description</u>	<u>Variable</u>	<u>Position</u>
JB: Allocation flag for ECLWRK2	ACLWRK2	995 - 995
JB: Allocation flag for ECNTRC1		
JB: Allocation flag for ECNTRC2		
JB: Allocation flag for EEMPALL1		
JB: Allocation flag for EEMPALL2	AEMPALL2	989 - 989
JB: Allocation flag for EEMPLOC1	AEMPLOC1	910 - 910
JB: Allocation flag for EEMPLOC2	AEMPLOC2	986 - 986
JB: Allocation flag for EEMPSIZ1	AEMPSIZ1	916 - 916
JB: Allocation flag for EEMPSIZ1	AEMPSIZ2	992 - 992
JB: Allocation flag for EJBHRS1	AJBHRS1	907 - 907
JB: Allocation flag for EJBHRS2	AJBHRS2	983 - 983
JB: Allocation flag for EJBIND1	AJBIND1	950 - 950
JB: Allocation flag for EJBIND2		
JB: Allocation flag for EOCCTIM1		
JB: Allocation flag for EPAYHR1		
JB: Allocation flag for EPAYHR2		
JB: Allocation flag for ERSEND1		
JB: Allocation flag for ERSEND2		
JB: Allocation flag for EUNION1		
JB: Allocation flag for EUNION2		
JB: Allocation flag for TEJDATE1		
JB: Allocation flag for TEJDATE2		
JB: Allocation flag for TJBOCC1		
JB: Allocation flag for TPMSUM1		
JB: Allocation flag for TPMSUM2		
JB: Allocation flag for TPYRATE1		
JB: Allocation flag for TPYRATE2		
JB: Allocation flag for TSJDATE1		
JB: Allocation flag for TSJDATE2		
JB: Class of worker		
JB: Class of worker		
JB: Coverage by union or employee association contract	ECNTRC1	928 - 929
JB: Coverage by union or employee association contract	ECNTRC2	999 - 1000
JB: Earnings from job received in this month	TPMSUM1	931 - 935
JB: Earnings from job received in this month	TPMSUM2	1002 - 1006
JB: Employees at worker's location	TEMPSIZ1	914 - 915
JB: Employees at worker's location	TEMPSIZ2	990 - 991
JB: Employer operations in more than one location	EEMPLOC1	908 - 909
JB: Employer operations in more than one location		
JB: Ending date of job		
JB: Ending date of job		
JB: Frequency of payment at job		
JB: Frequency of payment at job		
JB: Industry code		
JB: Industry code		
JB: Length of time in this occupation		
JB: Main reason stopped working for employer		
JB: Main reason stopped working for employer		
JB: Number of employees at all locations		
JD INGITIDE OF EITIPIOYEES AT AIT TOCALIONS	I EIVIF ALLZ	301 - 300

<u>Description</u>	<u>Variable</u>	Position
JB: Occupation classification code	TJBOCC1	951 - 953
JB: Occupational classification code	TJBOCC2	1022 - 1024
JB: Paid by the hour	EPAYHR1	937 - 938
JB: Paid by the hour		
JB: Regular hourly pay rate		
JB: Regular hourly pay rate		
JB: Starting date of job		
JB: Starting date of job		
JB: Still working for this employer		
JB: Still working for this employer		
JB: Union/employee-association membership		
JB: Union/employee-association membership		
JB: Usual hours worked per week at this job		
LF: Allocation flag for EABRE		
LF: Allocation flag for EAWOP		
LF: Allocation flag for EDISABL		
LF: Allocation flag for EDISPREV		
LF: Allocation flag for EEVERET		
LF: Allocation flag for EJOBSRCH		
LF: Allocation flag for EJOBTRN		
LF: Allocation flag for ELAYOFF	ALAYOFF	837 - 837
LF: Allocation flag for ELKWRK	ALKWRK	834 - 834
LF: Allocation flag for EMOONLIT	AMOONLIT	844 - 844
LF: Allocation flag for EPDJBTHN		
LF: Allocation flag for EPTRESN		
LF: Allocation flag for EPTWRK		
LF: Allocation flag for ERSNOWRK		
LF: Allocation flag for RMWKLKG		
LF: Allocation flag for RMWKSAB		
LF: Allocation flag for TMLMSUM		
LF: Amount of income from moonlighting in this month		
LF: Could have started a job during missing weeks?		
LF: Employment Status Recode for Week 1		857 - 858
LF: Employment Status Recode for Week 2		
LF: Employment Status Recode for Week 3		
LF: Employment Status Recode for Week 4		
LF: Employment Status Recode for Week 5		
LF: Employment status recode for month		
LF: Ever retired from a job		
LF: Flag denoting imputation of person labor force data	EPPFLAG	800 - 801
LF: Flag indicating 'before' worker	EBFLAG	851 - 852
LF: Flag indicating other-work-arrangement worker		
LF: Had a physical or mental work-limiting condition		
LF: Had full-week unpaid absences from work		
LF: Had work-preventing physical/mental/health condition		
LF: Income from additional work		
LF: Main reason for being absent without pay		
LF: Main reason for not working during the ref. period		
LF: Main reason for working less than 35 hours	EPIKESN	829 - 830

<u>Description</u>	<u>Variable</u>	<u>Position</u>
LF: Number of businesses owned during reference period	EBUSCNTR	804 - 805
LF: Number of jobs held during the reference period		
LF: Number of weeks absent without pay from job in month		
LF: Number of weeks in the reference period		
LF: Number of weeks in this month		
LF: Number of weeks looking for work/on layoff in month		
LF: Number of weeks with a job in month		
LF: Paid job during the reference period	EPDJBTHN	789 - 790
LF: Reason couldn't start job		
LF: Social service or welfare provided job help	EJOBSRCH	792 - 793
LF: Spent time looking for work	ELKWRK	832 - 833
LF: Spent time on layoff from a job	ELAYOFF	835 - 836
LF: Training paid by social services	EJOBTRN	795 - 796
LF: Usual hours worked per week recode in month	RMHRSWK	875 - 876
LF: Worked less than 35 hours some weeks	EPTWRK	826 - 827
PE: AFDC program coverage flag	RCUTYP20	699 - 699
PE: Address ID of hhld where person entered sample	EENTAID	511 - 513
PE: Age as of last birthday	TAGE	573 - 574
PE: Allocation flag for EBKFSYN	ABKFSYN	674 - 674
PE: Allocation flag for EBMNTH		
PE: Allocation flag for EHTLNYN		
PE: Allocation flag for EMS		
PE: Allocation flag for EORIGIN		
PE: Allocation flag for EPNDAD		
PE: Allocation flag for EPNGUARD		
PE: Allocation flag for EPNMOM		
PE: Allocation flag for EPNSPOUS		
PE: Allocation flag for ERACE		
PE: Allocation flag for ERRP		
PE: Allocation flag for ESEX		
PE: Allocation flag for ETYPDAD		
PE: Allocation flag for ETYPMOM		
PE: Allocation flag for TBYEAR		
PE: Designated parent or guardian flag		
PE: Distributions from pension plans		
PE: Federal SSI coverage flag		
PE: Food Stamp coverage flag		
PE: Foster Child Care coverage flag		
PE: General Assistance coverage flag		
PE: Health Insurance coverage flag		
PE: Household relationship		
PE: Longitudinal month		
PE: Marital status		
PE: Medicaid coverage flag		
PE: Month of birth		
PE: Origin of this person		
PE: Other welfare coverage flag		
PE: Person longitudinal key		
PE: Person num. of first owner of Health Insurance coverage		

<u>Description</u>	<u>Variable</u>	<u>Position</u>
PE: Person num. of second owner of Health Insurance coverage	RCUOW58B	747 - 750
PE: Person number		
PE: Person number of father	EPNDAD	591 - 594
PE: Person number of first owner of Gen Assist coverage	RCUOW21A	705 - 708
PE: Person number of first owner of other welfare coverage		
PE: Person number of guardian	EPNGUARD	596 - 599
PE: Person number of mother	EPNMOM	586 - 589
PE: Person number of owner of Foster Child Care coverage	RCUOWN23	714 - 717
PE: Person number of second owner of Gen Assist coverage	RCUOW21B	709 - 712
PE: Person number of second owner of other welfare coverage	RCUOW24B	723 - 726
PE: Person number of spouse	EPNSPOUS	581 - 584
PE: Person number of the 1st owner of Vet. coverage	RCUOWN8A	691 - 694
PE: Person number of the 2nd owner of Vet. coverage	RCUOWN8B	695 - 698
PE: Person number of the owner of the AFDC coverage	RCUOWN20	700 - 703
PE: Person number of the owner of the Federal SSI coverage	RCUOWN03	681 - 684
PE: Person number of the owner of the Food Stamp coverage	RCUOWN27	733 - 736
PE: Person number of the owner of the Medicaid coverage	RCUOWN57	738 - 741
PE: Person number of the owner of the SS coverage	RCUOWN01	676 - 679
PE: Person number of the owner of the State SSI coverage		
PE: Person number of the owner of the WIC coverage		
PE: Person's interview status		
PE: Population status based on age in fourth ref. month		
PE: Race of this person		
PE: Receipt of breakfast under Fed School Breakfast Prog		
PE: Receipt of school lunch		
PE: Retirement lump sum payments		
PE: Sex of this person		
PE: Social Security coverage flag (ISS 1)		
PE: State SSI coverage flag		
PE: Subfamily relationship		
PE: Total means-tested cash transfer for the reference month  PE: Total person's earned income for the reference month		
PE: Total person's earned income for the reference month		
PE: Total person's other income for the reference month		
PE: Total person's other income for the month		
PE: Type of child to father		
PE: UNEDITED VARIABLE - Day of month entered household		
PE: UNEDITED VARIABLE - Day of month left household		
PE: UNEDITED VARIABLE - Bay of month left flouseriold		
PE: UNEDITED VARIABLE - Has ever been widowed?		
PE: UNEDITED VARIABLE - Main reason entered household		
PE: UNEDITED VARIABLE - Main reason left household		
PE: UNEDITED VARIABLE - Month entered household		
PE: UNEDITED VARIABLE - Month left household		
PE: Veteran payment coverage flag		
PE: WIC coverage flag		
PE: Year of birth		
SF: Change in rel subfam composition from previous month		
SF: Kind of family (or pseudo-family)		
SF: Low income cutoff for this related subfamily		
-		

<u>Description</u>	<u>Variable</u>	<u>Position</u>
SF: Number of own children in related subfamily	ESOWNKID	404 - 405
SF: Number of own children under 18 in related subfamily		
SF: Number of persons in this related subfamily		
SF: Person number of spouse of related subfam ref person		
SF: Person number of the related subfamily ref person	ESFRFPER	390 - 393
SF: Related subfamily distributions from pension plans		
SF: Related subfamily retirement lump sum payments		
SF: Total 'other' related subfamily income for this month	TSOTHINC	440 - 446
SF: Total related subfamily AFDC income	TSAFDC	499 - 504
SF: Total related subfamily Food Stamps income	TSFDSTP	505 - 510
SF: Total related subfamily Social Security income	TSSOCSEC	475 - 480
SF: Total related subfamily Supplemental Security Income	TSSSI	481 - 486
SF: Total related subfamily Veterans Payments	TSVETS	487 - 492
SF: Total related subfamily earned income for this month	TSFEARN	418 - 424
SF: Total related subfamily income for this month	TSTOTINC	447 - 454
SF: Total related subfamily means-tested cash transfers	TSTRNINC	433 - 439
SF: Total related subfamily property inc for this month	TSPRPINC	425 - 432
SF: Total related subfamily unemployment income recode	TSUNEMP	493 - 498
SF: Type of family (or pseudo-family)	ESFTYPE	398 - 399
SU: Calendar month for this reference month	RHCALMN	26 - 27
SU: Calendar year for this reference month	RHCALYR	28 - 31
SU: Half Sample Code		
SU: Hhld Address ID differentiates hhlds in sample unit		
SU: Reduction Group Code		
SU: Reference month of this record		
SU: Rotation of data collection		
SU: Sample Code - Indicates Panel Year		
SU: Sample Unit Identifier		
SU: Sequence Number of Sample Unit - Primary Sort Key		
SU: Variance Stratum Code		
SU: Wave of data collection		
WW: 'WPFINWGT' for head of family		
WW: 'WPFINWGT' for head of subfamily		
WW: Household weight		
WW: Person weight	WPFINWGT	561 - 570

# **ALPHABETICAL VARIABLE LISTING TO 1996 LONGITUDINAL FILES**

# **Key to Concept Labels**

AF	-	Armed Forces Variables	
BS	-	<b>Business Variables</b>	

ED - Education Variables

FA - Family Variables

GI - General Income Variables HH - Household Variables

HI - Health Insurance Variables

JB - Job Variables

LF - Labor Force Variables

PE - Person, Demographic, and Coverage Variables

SF - Subfamily Variables
SU - Sample Unit Variables
WW - Weighting Variables

<u>Variable</u>	<u>Description</u>	<u>Position</u>
A01AMTA	GI: Allocation flag for T01AMTA	1460 - 1460
A01AMTK	GI: Allocation flag for T01AMTK	1466 - 1466
A02AMT	GI: Allocation flag for T02AMT	1472 - 1472
	GI: Allocation flag for T03AMTA	
A03AMTK	GI: Allocation flag for T03AMTK	1484 - 1484
A04AMT	GI: Allocation flag for T04AMT	1490 - 1490
A05AMT	GI: Allocation flag for T05AMT	1496 - 1496
A07AMT	GI: Allocation flag for T07AMT	1502 - 1502
A08AMT	GI: Allocation flag for T08AMT	1508 - 1508
A09AMT	GI: Allocation flag for T09AMT	1514 - 1514
A10AMT	GI: Allocation flag for T10AMT	1520 - 1520
A12AMT	GI: Allocation flag for T12AMT	1526 - 1526
A13AMT	GI: Allocation flag for T13AMT	1532 - 1532
A14AMT	GI: Allocation flag for T14AMT	1538 - 1538
A15AMT	GI: Allocation flag for T15AMT	1544 - 1544
A20AMT	GI: Allocation flag for T20AMT	1550 - 1550
A21AMT	GI: Allocation flag for T21AMT	1556 - 1556
A23AMT	GI: Allocation flag for T23AMT	1562 - 1562
A24AMT	GI: Allocation flag for T24AMT	1568 - 1568
A25AMT	GI: Allocation flag for T25AMT	1574 - 1574
A26AMT	GI: Allocation flag for T26AMT	1580 - 1580
A27AMT	GI: Allocation flag for T27AMT	1586 - 1586
	GI: Allocation flag for T28AMT	
A29AMT	GI: Allocation flag for T29AMT	1598 - 1598
A30AMT	GI: Allocation flag for T30AMT	1604 - 1604
A31AMT	GI: Allocation flag for T31AMT	1610 - 1610
A32AMT	GI: Allocation flag for T32AMT	1616 - 1616
A34AMT	GI: Allocation flag for T34AMT	1622 - 1622
	GI: Allocation flag for T35AMT	
	GI: Allocation flag for T36AMT	
	GI: Allocation flag for T37AMT	
	GI: Allocation flag for T38AMT	
	GI: Allocation flag for T39AMT	

<u>Variable</u>		<u>Description</u>	<u>Position</u>
A42AMT	GI:	Allocation flag for T42AMT	1660 - 1660
A50AMT	GI:	Allocation flag for T50AMT	
			1672 - 1672
			1678 - 1678
			1703 - 1703
			825 - 825
AACCESS	HH: .	Allocation flag for EACCESS	
AAFEVER	AF:	Allocation flag for EAFEVER	543 - 543
		•	540 - 540
		•	560 - 560
		<u> </u>	575 - 575
		•	
		•	
			1797 - 1797
AAST2A	AS:	Allocation flag for EAST2A	1806 - 1806
			1809 - 1809
			1812 - 1812
			1815 - 1815
			1818 - 1818
			1821 - 1821
			1824 - 1824
			1827 - 1827
			1830 - 1830
			1839 - 1839
			822 - 822
			1994 - 1994
			2000 - 2000
ABDOAST	AS:	Allocation flag for EBDOAST	
ABDOINT	AS:	Allocation flag for TBDOINT	2009 - 2009
ABIZNOW1	BS:	Allocation flag for EBIZNOW1	
ABIZNOW2	BS:	Allocation flag for EBIZNOW2	1114 - 1114
ABKFSYN	PE:	Allocation flag for EBKFSYN	674 - 674
ABLKLRSN	GI:	Allocation flag for RBLKLRSN	
			523 - 523
ABMSUM1	BS:	Allocation flag for TBMSUM1	1090 - 1090
ABMSUM2	BS:	Allocation flag for TBMSUM2	1174 - 1174
ABRKFST	HH: .	Allocation flag for EBRKFST	138 - 138
			1105 - 1105
			1189 - 1189
			1109 - 1109
ABSOCC2	BS:	Allocation flag for TBSOCC2	
			528 - 528
ACDJT	AS:	Allocation flag for ECDJT	1976 - 1976

<u>Variable</u>		<u>Description</u>	<u>Position</u>
		Allocation flag for TCDJTINT	
		Allocation flag for ECDMTH	
ACDOAST	AS:	Allocation flag for ECDOAST.	1985 - 1985
ACDOINT	AS:	Allocation flag for TCDOINT	1991 - 1991
ACKJT	AS:	Allocation flag for ECKJT	1922 - 1922
ACKJTINT	AS:	Allocation flag for TCKJTINT	1928 - 1928
ACKOAST	AS:	Allocation flag for ECKOAST	1931 - 1931
		Allocation flag for TCKOINT.	
ACLWRK1	JB:	Allocation flag for ECLWRK1	924 - 924
ACLWRK2	JB:	Allocation flag for ECLWRK2	995 - 995
ACNTRC1	JB:	Allocation flag for ECNTRC1	930 - 930
ACNTRC2	JB:	Allocation flag for ECNTRC2	1001 - 1001
ACOMSERV	GI:	Allocation flag for ECOMSERV	1313 - 1313
ACOMTYPE	GI:	Allocation flag for ECOMTYPE	1316 - 1316
ACRMTH	HI:	Allocation flag for ECRMTH	2101 - 2101
ACSAGREE	GI:	Allocation flag for ECSAGREE	1271 - 1271
ACSAGY	GI:	Allocation flag for TCSAGY	1709 - 1709
ACSYN	GI:	Allocation flag for ECSYN	1274 - 1274
		Allocation flag for EDISABL	
ADISPREV	LF:	Allocation flag for EDISPREV	816 - 816
		Allocation flag for TEBDATE1	
		Allocation flag for TEBDATE2	
		Allocation flag for EASST01-EASST11	
AEDFUND	ED:	Allocation flag for EEDFUND	764 - 764
		Allocation flag for EEDUCATE	
		Allocation flag for EEGYAMT	
		Allocation Flag for EEGYAST	
		Allocation flag for EEGYPMT1-EEGYPMT3	
AEJDATE1	JB:	Allocation flag for TEJDATE1	901 - 901
		Allocation flag for TEJDATE2	
		Allocation flag for EEMPALL1	
AEMPALL2	JB:	Allocation flag for EEMPALL2	989 - 989
AEMPB1	BS:	Allocation flag for EEMPB1	1063 - 1063
AEMPB2	BS:	Allocation flag for EEMPB2	1147 - 1147
		Allocation flag for REMPDRSN	
AEMPLOC1	JB:	Allocation flag for EEMPLOC1	910 - 910
AEMPLOC2	JB:	Allocation flag for EEMPLOC2	986 - 986
AEMPSIZ1	JB:	Allocation flag for EEMPSIZ1	916 - 916
AEMPSIZ2	JB:	Allocation flag for EEMPSIZ1	992 - 992
AENLEVEL	ED:	Allocation flag for EENLEVEL	761 - 761
AENRLM	ED:	Allocation flag for EENRLM	756 - 756
AESTARSN	GI:	Allocation flag for RESTARSN	1265 - 1265
		Allocation flag for EEVERET	
		Allocation flag for EFCCYN	
AFCSRSN	GI:	Allocation flag for RFCSRSN	1238 - 1238
AFREEBRK	HH:	Allocation flag for EFREEBRK	143 - 143
		Allocation flag for EFREELUN	
AFRERDBK	HH:	Allocation flag for EFRERDBK	146 - 146
		Allocation flag for EFRERDLN	
		Allocation flag for EFSYN	
		Allocation flag for EGROSB1	

<u>Variable</u>		<u>Description</u>	<u>Position</u>
AGROSB2	BS:	Allocation flag for EGROSB2	1141 - 1141
AGRSSB1	BS:	Allocation flag for EGRSSB1	1060 - 1060
		Allocation flag for EGRSSB2	
		Allocation flag for EGVJT	
		Allocation flag for TGVJTINT	
		Allocation flag for EGVOAST	
		Allocation flag for TGVOINT	
		Allocation flag for EGVTRNT	
		Allocation flag for EHEMPLY	
AHICOST	HI:	Allocation flag for EHICOST	2139 - 2139
		Allocation flag for EHIMTH	
		Allocation flag for EHIOLDKD	
		Allocation flag for EHIOTHER	
		Allocation flag for EHIOTHR	
		Allocation flag for EHIOWNER	
		Allocation for variables EHIRSN01 through EHIRSN12	
		Allocation flag for EHISPSE	
		Allocation flag for EHIYNGKD	
		Allocation flag for EHOTLUNC	
		Allocation flag for EHPRTB1	
		Allocation flag for EHPRTB2	
		Allocation flag for EHRSBS1	
		Allocation flag for EHRSBS2	
		Allocation flag for EHTLNYN	
		Allocation flag for EINCPB1	
		Allocation flag for EINCPB2	
		Allocation flag for RINSRSN	
		Allocation flag for TJACLR	
		Allocation flag for TJACLR2	
		Allocation flag for TJARNT	
		Allocation flag for EJBHRS1	
		Allocation flag for EJBHRS2	
		Allocation flag for EJBIND1	
		Allocation flag for EJBIND2.	
		Allocation flag for TJBOCC1	
AJBOCC2	JB:	Allocation flag for TJBOCC2	1025 - 1025
AJNTRNT	AS:	Allocation flag for EJNTRNT	1842 - 1842
AJNTSSYN	GI:	Allocation flag for EJNTSSYN	1331 - 1331
		Allocation flag for EJOBSRCH	
AJOBTRN	LF:	Allocation flag for EJOBTRN	797 - 797
		Allocation flag for EJRNT2	
ALAYOFF	LF:	Allocation flag for ELAYOFF	837 - 837
ALGOVRSN	GI:	Allocation flag for RLGOVRSN	1244 - 1244
ALIFIRSN	GI:	Allocation flag for RLIFIRSN	1259 - 1259
		Allocation flag for ELIVQRT	
		Allocation flag for ELKWRK	
		Allocation flag for ELMPTYP1	
		Allocation flag for ELMPTYP2	
		Allocation flag for ALMPTYP3	
		Allocation flag for EMANYCHK	
		Allocation flag for EMDJT	

<u>Variable</u>	<u>Description</u>	<u>Position</u>
AMDJTINT	AS: Allocation flag for TMDJTINT	1964 - 1964
AMDOAST	AS: Allocation flag for EMDOAST	1967 - 1967
	AS: Allocation flag for TMDOINT	
AMIJNT	AS: Allocation flag for TMIJNT	1890 - 1890
AMILRSN	GI: Allocation flag for RMILRSN	1247 - 1247
AMIOWN	AS: Allocation flag for TMIOWN	1899 - 1899
AMJADIV	AS: Allocation flag for TMJADIV	2057 - 2057
AMJNTDIV	AS: Allocation flag for TMJNTDIV	2042 - 2042
AMLMSUM	LF: Allocation flag for TMLMSUM	850 - 850
AMOONLIT	LF: Allocation flag for EMOONLIT	844 - 844
AMOTHDIV	AS: Allocation flag for EMOTHDIV	2051 - 2051
AMOWNADV	AS: Allocation flag for TMOWNADV	2063 - 2063
AMOWNDIV	AS: Allocation flag for TMOWNDIV	2048 - 2048
AMRTJNT	AS: Allocation flag for EMRTJNT	1884 - 1884
AMRTOWN	AS: Allocation flag for EMRTOWN	1893 - 1893
AMS	PE: Allocation flag for EMS	580 - 580
AMTHRNT	HH: Allocation flag for TMTHRNT	102 - 102
AOACLR	AS: Allocation flag for TOACLR	1871 - 1871
AOARNT	AS: Allocation flag for TOARNT	1864 - 1864
AOCCTIM1	JB: Allocation flag for EOCCTIM1	921 - 921
	BS: Allocation flag for EOINCB1	
	BS: Allocation flag for EOINCB2	
	PE: Allocation flag for EORIGIN	
	GI: Allocation flag for ROTHRRSN	
	AS: Allocation flag for EOWNRNT	
	GI: Allocation flag for EPATYN	
	GI: Allocation flag for EPATYP1	
	GI: Allocation flag for EPATYP2	
	GI: Allocation flag for EPATYP3	
	GI: Allocation flag for EPATYP4	
	GI: Allocation flag for EPATYP5	
	GI: Allocation flag for EPATYP6	
	GI: Allocation flag for EPATYP7	
	JB: Allocation flag for EPAYHR1	
APAYHR2	JB: Allocation flag for EPAYHR2	1010 - 1010
APDJBTHN	LF: Allocation flag for EPDJBTHN	791 - 791
APENSRSN	GI: Allocation flag for RPENSRSN	1235 - 1235
APMSUM1	JB: Allocation flag for TPMSUM1	936 - 936
APMSUM2	JB: Allocation flag for TPMSUM2	1007 - 1007
APNDAD	PE: Allocation flag for EPNDAD	595 - 595
APNGUARD	PE: Allocation flag for EPNGUARD	600 - 600
APNMOM	PE: Allocation flag for EPNMOM	590 - 590
APNSPOUS	PE: Allocation flag for EPNSPOUS	585 - 585
	BS: Allocation flag for TPRFTB1	
APRFTB2	BS: Allocation flag for TPRFTB2	1168 - 1168
APROPB1	BS: Allocation flag for EPROPB1	1069 - 1069
	BS: Allocation flag for EPROPB2	
	GI: Allocation flag for EPSSTHRU	
	LF: Allocation flag for EPTRESN	
	LF: Allocation flag for EPTWRK	
	HH: Allocation flag for EPUBHSE	

<u>Variable</u>		<u>Description</u>	<u>Position</u>
APYRATE1	JB:	Allocation flag for TPYRATE1	944 - 944
APYRATE2	JB:	Allocation flag for TPYRATE2	1015 - 1015
AR01A	GI:	Allocation flag for ER01A	1334 - 1334
		Allocation flag for ER01K	
		Allocation flag for ER02	
		Allocation flag for ER03A	
		Allocation flag for ER03K	
		Allocation flag for ER04	
		Allocation flag for ER05	
		Allocation flag for ER07	
		Allocation flag for ER08	
		Allocation flag for ER09	
		Allocation flag for ER10	
		Allocation flag for ER12	
		Allocation flag for ER13	
		Allocation flag for ER14	
		Allocation flag for ER15	
		Allocation flag for ER20	
AR21	Gl:	Allocation flag for ER21	1382 - 1382
		Allocation flag for ER23	
AR24	GI:	Allocation flag for ER24	1388 - 1388
		Allocation flag for ER25	
		Allocation flag for ER26	
		Allocation flag for ER27	
		Allocation flag for ER28	
		Allocation flag for ER29	
		Allocation flag for ER30	
		Allocation flag for ER31	
		Allocation flag for ER32	
		Allocation flag for ER34	
		Allocation flag for ER35	
		Allocation flag for ER36	
		Allocation flag for ER37	
		Allocation flag for ER38	
		Allocation flag for ER39	
		Allocation flag for ER42	
		Allocation flag for ER50	
		Allocation flag for ER51	
		Allocation flag for ER52	
		Allocation flag for ER53	
		Allocation flag for ER55	
		Allocation flag for ER56	
		Allocation flag for ER75	
		Allocation flag for ERACE	
		Allocation flag for ERENDB1	
		Allocation flag for ERENDB2	
		Allocation flag for RENROLL	
		Allocation flag for ERESNSS1	
		Allocation flag for ERESNSS2	
		Allocation flag for TRNDUP1	
		Allocation flag for TRNDUP2	

<u>Variable</u>	<u>Description</u>	<u>Position</u>
AROLLAMT GI:	Allocation flag for TROLLAMT	1722 - 1722
AROLOVR1 GI:	Allocation flag for EROLOVR1	1712 - 1712
AROLOVR2 GI:	Allocation flag for EROLOVR2	1715 - 1715
ARRP PE	: Allocation flag for ERRP	578 - 578
	Allocation flag RRRSN	
ARSEND1 JB:	:Allocation flag for ERSEND1	904 - 904
ARSEND2 JB:	: Allocation flag for ERSEND2	980 - 980
ARSNOWRK LF:	: Allocation flag for ERSNOWRK	819 - 819
ASANYCHK AS	: Allocation flag for ESANYCHK	2066 - 2066
ASBDATE1 BS	: Allocation flag for TSBDATE1	1039 - 1039
ASBDATE2 BS	: Allocation flag for TSBDATE2	1123 - 1123
ASEX PE	: Allocation flag for ESEX	530 - 530
ASJADIV AS	: Allocation flag for TSJADIV	2087 - 2087
ASJDATE1 JB:	: Allocation flag for TSJDATE1	892 - 892
ASJDATE2 JB:	: Allocation flag for TSJDATE2	968 - 968
ASJNTDIV AS	: Allocation flag for TSJNTDIV	2072 - 2072
ASLRYB1 BS	: Allocation flag for ESLRYB1	1075 - 1075
_	: Allocation flag for ESLRYB2	
ASOTHDIV AS	: Allocation flag for ESOTHDIV	2081 - 2081
ASOWNADV AS	: Allocation flag for TSOWNADV	2093 - 2093
ASOWNDIV AS	: Allocation flag for TSOWNDIV	2078 - 2078
ASSCHILD GI:	Allocation flag for ESSCHILD	1214 - 1214
	Allocation flag for ESSICHLD	
	Allocation flag for ESSISELF	
	Allocation flag for ESSSELF	
	Allocation flag for RSTATRSN	
ASTLEMP1 JB:	: Allocation flag ESTLEMP1	883 - 883
	: Allocation flag ESTLEMP2	
ASTSSI GI:	Allocation flag for ESTSSI	1223 - 1223
ASVJT AS	: Allocation flag for ESVJT	1940 - 1940
	: Allocation flag for TSVJTINT	
	: Allocation flag for ESVOAST	
	: Allocation flag for TSVOINT	
ATENURE HH	H: Allocation flag for ETENURE	89 - 89
	: Allocation flag for ETYPDAD	
ATYPMOM PE	: Allocation flag for ETYPMOM	603 - 603
AUECTYP5 GI:	Allocation flag for EUECTYP5	1196 - 1196
	Allocation flag for EUECTYP7	
AUNION1 JB:	: Allocation flag for EUNION1	927 - 927
	: Allocation flag for EUNION2	
AUNITS HH	H: Allocation flag for EUNITS	84 - 84
	I:Allocation flag for EUTILYN	
	: Allocation flag for EVAQUES	
	: Allocation flag for EVAYN	
	Allocation flag for RVETSRSN	
AVETTYP AF:	: Allocation flag for EVETTYP	554 - 554
AWCMPRSN GI:	Allocation flag for RWCMPRSN	1226 - 1226
AWICYN GI:	Allocation flag for EWICYN	1286 - 1286
AWKLKG LF:	: Allocation flag for RMWKLKG	874 - 874
	: Allocation flag for RMWKSAB	
AWRSECT8 HH	I: Allocation flag for EWRSECT8	105 - 105

<u>Variable</u>		Description	<u>Position</u>
		Main reason for being absent without pay	
		Access to living quarters	
		Lifetime Armed Forces status	
		Current Armed Forces status	
		Spouse died in military or service connected injury	
		Receipt of alimony payments (ISS Code 29)	
		Receipt of income from IRA, 401k, or KEOGH (ISS 42)	
		Federal Pell Grant	
		Assistance from college (or fed) work study program	
		Other Federal Grant or Program; e.g., SEOG, ROTC	
		Loan that has to be repaid (Stafford, Perkins, SLS)	
		Grant, Scholarship, or Tuition remission from school	
		Teaching or Research Assistantship from the school	
		Grant/Scholarship from the state (SSIGP, etc.)	
		Grant/Scholarship from other source	
		Employer provided educational assistance	
EASST11	ED:	Other Financial Aid excl. aid from parents, trust, etc	783 - 784
EAST1A	AS:	U.S. governement savings bonds owned	1795 - 1796
EAST1B	AS:	IRA or Keogh account owned	1798 - 1799
EAST1C	AS:	401k or thrift plan owned	1801 - 1802
		Interest bearing checking account owned	
		Savings account owned	
		Money market deposit account owned	
		Certificate of deposit owned	
		Mutual funds owned	
		Stocks owned	
		U.S. government securities owned	
		Mortgage held	
		Rental property owned	
		Royalty income received	
		Other financial investments owned	
		Had full-week unpaid absences from work	
		Jointly owned municipal or corporate bonds	
		Solely owned municipal or corporate bonds	
		Flag indicating 'before' worker	
		Ownership of business	
		Ownership of business	
		Receipt of breakfast under Fed School Breakfast Prog	
		Month of birth	
		Across-wave business index/number	
-		Across-wave business index/number	
_		Receipt of school breakfast	
		Number of businesses owned during reference period	
		Jointly owned certificates of deposit	
		·	
		Medicaid coverage in this month	
		Solely owned certificates of deposit	
		1st Medicaid coverage unit for this month	
		2nd Medicaid coverage unit for this month	
		3rd Medicaid coverage unit for this month	
ECFLAG	LF:	Flag indicating other-work-arrangement worker	853 - 854

<u>Variable</u>		<u>Description</u>	Position
		. Jointly owned interest bearing checking account	
		. Solely owned interest bearing checking account	
		. Class of worker	
		. Class of worker	
		. Coverage by union or employee association contract	
ECNTRC2	JB:	. Coverage by union or employee association contract	999 - 1000
		. Community service, work-related or job-training	
		. Type of Community service, Welfare office job-training	
		. Medicare coverage in this month	
		. Agreement for support payments	
ECSYN	GI:	. Receipt of child support payments (ISS Code 28)	1272 - 1273
		. Had a physical or mental work-limiting condition	
EDISPREV	LF:	. Had work-preventing physical/mental/health condition	814 - 815
EEDFUND	ED:	. Educational assistance	762 - 763
EEDUCATE	ED:	. Highest Degree received or grade completed	786 - 787
EEGYAMT	HH:	. Amount of energy assistance	119 - 123
EEGYAST	HH:	. Receipt of energy assistance	109 - 110
EEGYPMT1	HH:	. Energy assistance payment by check	112 - 113
EEGYPMT2	HH:	. Energy assistance payment by coupons	114 - 115
EEGYPMT3	HH:	. Energy assist paymnt to utils, fuel dealers, landlord	116 - 117
EEMPLOC1	JB:	. Employer operations in more than one location	908 - 909
		Employer operations in more than one location	
		Level or grade enrolled	
		. Across-wave employer index/number	
		. Across-wave employer index/number	
		Enrollment status in this month	
		. Address ID of hhld where person entered sample	
		. Ever retired from a job	
		Receipt of foster child care payments (ISS Code 23)	
		. Kind of family (or pseudo-family)	
		. Number of persons in this family or pseudo family	
		. Qualify for free or reduced price breakfast	
		. Qualify for free or reduced price school lunch	
		Person number of the family reference person	
		. Are the breakfasts free or are they reduced price?	
		. Are the lunches free or are they reduced price?	
		. Person number of spouse of family ref. person	
		. Receipt of food stamps (ISS Code 27)	
		. Type of family (or pseudo-family)	
		. Anticipated gross-earnings level	
		. Anticipated gross-earnings level	
		Earnings level last 12 months	
		Earnings level last 12 months	
		Jointly owned U.S. Government securities	
		Solely owned U.S. Government securities	
		Receipt of Government subsidized rent	
		Source of health insurance	
		. Total number of persons in this hhld in this month	
		. Fotal number of persons in this find in this month	
		. Private health insurance coverage in this month	
LI 110 LD KD	1 (1	. Coverage of older critic ( to+) outside the household	2140 - 2141

<u>Variable</u>		Description	<u>Position</u>
		. Health insurance coverage of nonhousehold members	
		. Coverage of other person(s) outside the household	
		. Covered by own plan or someone else's plan	
EHIRSN01	HI:	. Reason not covered: too expensive, can't afford	2155 - 2156
EHIRSN02	HI:	. Reason not covered: HI not offered by employer	2157 - 2158
		. Reason not covered: not at job long enough to qualify	
EHIRSN04	HI:	. Reason not covered: job layoff, loss, unemployment	2161 - 2162
		. Reason not covered: not eligible-part time or temp	
EHIRSN06	HI:	. Reason not covered: poor health, illness, age, etc	2165 - 2166
EHIRSN07	HI:	. Reason not covered: don't believe in insurance	2167 - 2168
EHIRSN08	HI:	. Reason not covered: haven't needed health insurance	2169 - 2170
EHIRSN09	HI:	. Reason not covered: Use VA or military hospital	2171 - 2172
EHIRSN10	HI:	. Reason not covered: covered by other health plan	2173 - 2174
EHIRSN11	HI:	. Reason not covered: no longer covered by parents	2175 - 2176
EHIRSN12	HI:	. Reason not covered: some other reason	2177 - 2178
EHISPSE	HI:	. Coverage of spouse outside the household	2143 - 2144
EHIUNT1	HI:	. 1st health insurance coverage unit for this month	2125 - 2127
EHIUNT2	HI:	. 2nd health insurance coverage unit for this month	2128 - 2130
EHIUNT3	HI:	. 3rd health insurance coverage unit for this month	2131 - 2133
		. Coverage of younger child (under 18) outside the hhld	
		Receipt of a school lunch	
		Other owners/partners in household	
		Other owners/partners in household	
		Person number of household reference person	
		. Usual hours worked per week	
		. Usual hours worked per week	
		. Receipt of school lunch	
		. Incorporated business	
EINCPB2	BS:	. Incorporated business	1148 - 1149
EJBHRS1	JB:	. Usual hours worked per week at this job	905 - 906
		. Usual hours worked per week at this job	
		. Industry code	
		. Industry code	
		. Rent from property jointly owned with spouse	
		Receipt of joint Social Security payments with spouse	
		. Number of jobs held during the reference period	
EJOBSRCH	LF:	. Social service or welfare provided job help	792 - 793
		. Training paid by social services	
		. Rent from property owned with others	
		. Spent time on layoff from a job	
		. Type of living quarters	
		Spent time looking for work	
ELMPTYP1	GI:	. Receipt of lump sum from pension/retirement plan	1200 - 1201
		Receipt of severance pay (ISS Code 15)	
		Receipt of other type of lump sum payment	
		Dividend check from joint/sole owned mutual funds	
		. Number of weeks in the reference period	
		. Jointly owned money market deposit account	
		. Solely owned money market deposit account	
		Income from additional work	
		Dividends credited against margin accounts	

<u>Variable</u>		<u>Description</u>	<u>Position</u>
		Mortgage owned jointly with spouse	
EMRTOWN	AS:	Mortgages held in own name	1891 - 1892
		Marital status	
		Covered by plan owned by person outside household	
EOCCTIM1	JB:	Length of time in this occupation	917 - 920
EOINCB1	BS:	Receipt of non-salary income	1076 - 1077
		Receipt of non-salary income	
		Origin of this person	
		Interview Status code for this household	
		Rent from property owned entirely in own name	
		Person number of partner 1	
EPARTB12	BS:	Person number of partner 1	1175 - 1178
EPARTB21	BS:	Person number of partner 2	1095 - 1098
EPARTB22	BS:	Person number of partner 2	1179 - 1182
EPARTB31	BS:	Person number of partner 3	1099 - 1102
		Person number of partner 3	
EPATYN	GI:	Receipt of AFDC, welfare, or public assistance	1287 - 1288
		Receipt of AFDC (ISS Code 20)	
EPATYP2	GI:	Receipt of general assistance (ISS Code 21)	1293 - 1294
EPATYP3	GI:	Receipt of energy assistance (ISS Code 19)	1296 - 1297
EPATYP4	GI:	Receipt of other public assistance (ISS Code 24)	1299 - 1300
		Receipt of Child Care Assistance	
EPATYP6	GI:	Receipt of Short-Term Cash (ISS Code 24)	1305 - 1306
		Receipt of Other Government Assistance (ISS Code 24)	
EPAYHR1	JB:	Paid by the hour	937 - 938
		Paid by the hour	
		Paid job during the reference period	
EPNDAD	PE:	Person number of father	591 - 594
EPNGUARD	PE:	Person number of guardian	596 - 599
		Person number of mother	
EPNSPOUS	PE:	Person number of spouse	581 - 584
		Population status based on age in fourth ref. month	
EPPFLAG	LF:	Flag denoting imputation of person labor force data	800 - 801
EPPINTVW	PE:	Person's interview status	518 - 519
EPPPNUM	PE:	Person number	514 - 517
EPROPB1	BS:	Type of proprietorship	1067 - 1068
EPROPB2	BS:	Type of proprietorship	1151 - 1152
EPSSTHRU	GI:	Receipt of child support as bonus/passthru AFDC	1281 - 1282
EPTRESN	LF:	Main reason for working less than 35 hours	829 - 830
EPTWRK	LF:	Worked less than 35 hours some weeks	826 - 827
EPUBHSE	HH:	Residence in public housing project	90 - 91
ER01A	GI:	Receipt of Social Security - Adult (ISS Code 1)	1332 - 1333
ER01K	GI:	Receipt of Social Security - Child (ISS Code 1)	1335 - 1336
ER02	GI:	Receipt of Railroad Retirement (ISS Code 2)	1338 - 1339
ER03A	GI:	Receipt of Federal SSI - Adult (ISS Code 3)	1341 - 1342
		Receipt of Federal SSI - Child (ISS Code 3)	
		Receipt of State SSI (ISS Code 4)	
		Receipt of State Unemployment Comp. (ISS Code 5)	
		Receipt of Other Unemployment Comp. (ISS Code 7)	
		Receipt of Veterans' Compensation (ISS Code 8)	
		Receipt of Black Lung payments (ISS Code 9)	

<u>Variable</u>		<u>Description</u>	<u>Position</u>
		Receipt of Workers Compensation (ISS Code 10)	
ER12	GI:	Receipt of Employer/Union Temp. Sickness Benefits	1365 - 1366
ER13	GI:	Receipt of own sickness, accident insurance payments	1368 - 1369
		Receipt of Employer Disability Payments (ISS Code 14)	
ER15	GI:	Receipt of Severance Pay (ISS Code 15)	1374 - 1375
ER20	GI:	Receipt of AFDC,ADC (ISS Code 20)	1377 - 1378
ER21	GI:	Receipt of General Assistance or General Relief	1380 - 1381
ER23	GI:	Receipt of Foster Child Care Payments (ISS Code 23)	1383 - 1384
ER24	GI:	Receipt of Other Welfare (ISS Code 24)	1386 - 1387
ER25	GI:	Receipt of WIC (ISS Code 25)	1389 - 1390
ER26	GI:	Receipt of Pass Through Child Support Payments	1392 - 1393
ER27	GI:	Receipt of Food Stamps (ISS Code 27)	1395 - 1396
ER28	GI:	Receipt of Child Support Payments (ISS Code 28)	1398 - 1399
ER29	GI:	Receipt of Alimony Payments (ISS Code 29)	1401 - 1402
ER30	GI:	Receipt of pension from a company or union	1404 - 1405
ER31	GI:	Receipt of Federal Civil Service Pension	1407 - 1408
ER32	GI:	Receipt of U.S. Military Retirement Pay (ISS Code 32)	1410 - 1411
ER34	GI:	Receipt of State Government Pension (ISS Code 34)	1413 - 1414
ER35	GI:	Receipt of Local Government Pension (ISS Code 35)	1416 - 1417
ER36	GI:	Receipt of paid-up life insurance annuity	1419 - 1420
		Receipt of Estates or Trusts (ISS Code 37)	
		Receipt of other retirement, disability or survivors	
		Receipt of draw from IRA/Keough/401k or Thrift Plan	
		Receipt of income assistance from a charitable group	
		Receipt of money from relatives or friends	
		Receipt of lump sum payments (ISS Code 52)	
		Receipt of income from roomers or boarders	
		Receipt of incidental or casual earnings	
		Receipt of other government income (ISS Code 75)	
		Race of this person	
		Reason business ended	
ERENDB2	BS:	Reason business ended	1133 - 1134
ERESNSS1	GI:	First reason for receipt of Social Security	1320 - 1321
		Second reason for receipt of Social Security	
		Money rolled over into IRA/other type of retirement	
		Plan to roll over money into IRA/other retirement	
		Household relationship	
		Main reason stopped working for employer	
		Main reason stopped working for employer	
ERSNOWRK	LF:	Main reason for not working during the ref. period	817 - 818
		Dividend check for jointly or solely held stocks	
		Sex of this person	
		Kind of family (or pseudo-family)	
		Subfamily relationship	
		Person number of the related subfamily ref person	
		Family type	
		21 2 1 5 5 5 7/ ······························	300

<u>Variable</u>		Description	<u>Position</u>
		Salary draw from business	
		Salary draw from business	
		Number of own children under 18 in related subfamily	
		Dividends credited to margin account	
		Number of own children in related subfamily	
		Receipt of Social Security payments for children	
		Receipt of SSI for children (ISS Code 3)	
		Receipt of SSI for self (ISS Code 3)	
		Receipt of Social Security payments for self	
		Still working for this employer	
		Still working for this employer	
		Receipt of State administered SSI (ISS Code 4)	
ESVJT	. AS:	Ownership of jointly held savings account	1938 - 1939
		Ownership of solely held savings account	
ETENURE	. HH:	Ownership status of living quarters	88 - 88
		Type of child to father	
ETYPMOM	. PE:	Type of child to mother	601 - 602
EUECTYP5	. GI:	Receipt of State unemployment comp. (ISS Code 5)	1194 - 1195
EUECTYP7	. GI:	Receipt of other unemployment comp. (ISS Code 7)	1197 - 1198
EUNION1	. JB:	Union/employee-association membership	925 - 926
EUNION2	. JB:	Union/employee-association membership	996 - 997
		Number of housing units	
		Payment of utilities in public housing units	
		Veteran's annual income questionnaire	
		Receipt of payments from the VA this wave	
		Type of Veteran's payments	
EWICYN	. GI:	Recipiency of WIC (ISS Code 25)	1284 - 1285
EWRSECT8	. HH:	Residence in Section 8 or other program	103 - 104
		ler	
		Half Sample Code	
GRGC	. SU:	Reduction Group Code	39 - 41
		Variance Stratum Code	
		Person longitudinal key	
		Longitudinal month	
		First reason for applying for AFDC the 1st time	
		Second reason for applying for AFDC the 1st time	
		First reason for applying for AFDC the 2nd time	
		Second reason for applying for AFDC the 2nd time	
		Reason for stopping AFDC the first time	
		Reason for stopping AFDC the second time	
		Reason for receipt of black lung payment	
		Military related health care coverage in this month	
		Person number of first owner of Gen Assist coverage	
		Person number of second owner of Gen Assist coverage	
		Person number of first owner of other welfare coverage	
		Person number of second owner of other welfare coverage	
		Person num. of first owner of Health Insurance coverage	
		Person num. of second owner of Health Insurance coverage	
		Person number of the owner of the SS coverage	
		Person number of the owner of the Federal SSI coverage	
		Person number of the owner of the State SSI coverage	
		5.55 di ilo omiloi oi ilio olalo ooi oovolago	

<u>Variable</u>		Description	<u>Position</u>
		erson number of the owner of the AFDC coverage	
RCUOWN23	. PE:P	erson number of owner of Foster Child Care coverage	714 - 717
		erson number of the owner of the WIC coverage	
		erson number of the owner of the Food Stamp coverage	
		erson number of the owner of the Medicaid coverage	
		erson number of the 1st owner of Vet. coverage	
		erson number of the 2nd owner of Vet. coverage	
		ocial Security coverage flag (ISS 1)	
		ederal SSI coverage flag	
RCUTYP04	. PE: S	tate SSI coverage flag	685 - 685
RCUTYP08	. PE:V	eteran payment coverage flag	690 - 690
		FDC program coverage flag	
RCUTYP21	PE: G	Seneral Assistance coverage flag	704 - 704
		oster Child Care coverage flag	
RCUTYP24	PE: O	Other welfare coverage flag	718 - 718
RCUTYP25	. PE: W	/IC coverage flag	727 - 727
		ood Stamp coverage flag	
RCUTYP57	PE: N	ledicaid coverage flag	737 - 737
		lealth Insurance coverage flag	
		esignated parent or guardian flag	
		eason for receipt of employer disability payments	
		ull period enrollment status	
		nrolled Full/Part sometime during 4 month period	
		eason for receiving income from estates and trusts	
		irst reason for applying for Food Stamps the 1st time	
		nd reason for applying for Food Stamps the 1st time	
		st reason for applying for Food Stamps the 2nd time	
		nd reason for applying for Food Stamps the 2nd time	
		change in family composition from previous month	
		eason for receipt of federal civilian pension	
		amily ID Number for this month	
		amily ID excluding related subfamily members	
		otal number of children under 18 in family	
		lumber of Social Security recipients in family	
		lumber of own children under 18 in family	
		lumber of own children in family	
		eason for stopping Food Stamps the first time	
		eason for stopping Food Stamps the second time	
		st reason applying for General Asst the 1st time	
		nd reason applying for General Asst the 1st time	
		st reason applying for General Asst the 2nd time	
		nd reason applying for General Asst the 2nd time	
		eason for stopping General Assist the 1st time	
		eason for stopping General Assist the 2nd time	
		alendar month for this reference month.	
		alendar year for this reference month	
		lousehold cash benefits receipt flag	
		change in household composition from previous month	
		lousehold means-tested cash or noncash receipt flag	
		lousehold noncash benefits receipt flag	
		lumber of families and pseudo families in this hhld	

<u>Variable</u>		Description	<u>Position</u>
		No. of fams and psuedo fams (excluding related subs)	
		Number of related subfamilies for this household	
		Number of Social Security recipients in household	
RHTYPE	. HH:	Household type	60 - 60
		Reason for payment from own insurance policy	
		Assistance in making welfare to work transition	
		Reason for receipt of local government pension	
RLIFIRSN	. GI:	Reason for payments from paid-up life ins. policy	1257 - 1258
RMEDCODE	. HI:	Type of Medicare Coverage	2102 - 2103
		Employment status recode for month	
RMHRSWK	. LF:	Usual hours worked per week recode in month	875 - 876
RMILRSN	. GI:	Reason for receipt of U.S. military retirement	1245 - 1246
RMWKLKG	. LF:	Number of weeks looking for work/on layoff in month	872 - 873
RMWKSAB	. LF:	Number of weeks absent without pay from job in month	869 - 870
RMWKWJB	. LF:	Number of weeks with a job in month	867 - 868
RNKBRK	. HH:	Number of children receiving complete breakfast	139 - 140
		Number of children receiving lunch at school	
RNOTAKE	. LF:	Reason couldn't start job	840 - 841
ROB1R1	. GI:	1st reason applying for Other Welfare the 1st time	1771 - 1772
		2nd reason applying for Other Welfare the 1st time	
		1st reason applying for Other Welfare the 2nd time	
		2nd reason applying for Other Welfare the 2nd time	
		Reason for stopping Other Welfare the first time	
		Reason for stopping Other Welfare the second time	
		Reason for receipt of 'other' retirement income	
		Reason for pension from company or union	
		Flag indicating transfer of program question data	
		Recode for types of private health insurance coverage	
		Frequency of payment at job	
		Frequency of payment at job	
		Reason for receipt of Railroad Retirement pay	
		1st reason applying for SSI the 1st time	
		2nd reason applying for SSI the 1st time	
		1st reason applying for SSI the 2nd time	
		2nd reason applying for SSI the 2nd time	
RSCHANGE	SF·	Change in rel subfam composition from previous month	402 - 403
		Related or unrelated subfamily ID Number for this month	
		Reason for stopping SSI the first time	
		Reason for stopping SSI the second time	
		Reason for receipt of state government pension	
		Could have started a job during missing weeks?	
		Reason for receipt of Veterans' comp. or pensions	
		First reason for applying for WIC the 1st time	
		Second reason for applying for WIC the 1st time	
		First reason for applying for WIC the 2nd time	
		Second reason for applying for WIC the 2nd time	
		Reason for receipt of workers' compensation	
		Employment Status Recode for Week 1	
		Employment Status Recode for Week 2	
		Employment Status Recode for Week 3	
		Employment Status Recode for Week 4	
	· <del>-</del> - · · · · · · · · · · · · · · · · · ·		555 554

<u>Variable</u>	Description	Position
RWKESR5 LF:	Employment Status Recode for Week 5	865 - 866
	Number of weeks in this month	
	Reason for stopping WIC the first time	
	Reason for stopping WIC the second time	
	Hhld Address ID differentiates hhlds in sample unit	
SPANEL SU:	Sample Code - Indicates Panel Year	18 - 21
SREFMON SU:	Reference month of this record	25 - 25
SROTATON SU:	Rotation of data collection	24 - 24
	Sample Unit Identifier	
SSUSEQ SU:	Sequence Number of Sample Unit - Primary Sort Key	1 - 5
SWAVE SU:	Wave of data collection	22 - 23
T01AMTA GI:	Amount of Social Security - Adult (ISS Code 1)	1455 - 1459
T01AMTK GI:	Amount of Social Security - Child (ISS Code 1)	1461 - 1465
T02AMT GI:	Amount of Railroad Retirement (ISS Code 2)	1467 - 1471
T03AMTA GI:	Amount of Federal SSI - Adult (ISS Code 3)	1473 - 1477
T03AMTK GI:	Amount of Federal SSI - Child (ISS Code 3)	1479 - 1483
	Amount of State SSI (ISS Code 4)	
T05AMT GI:	Amount of State unemployment compensation	1491 - 1495
T07AMT GI:	Amount of other unemployment compensation	1497 - 1501
T08AMT GI:	Amount of Veterans compensation or pension	1503 - 1507
T09AMT GI:	Amount of black lung payment (ISS Code 9)	1509 - 1513
T10AMT GI:	Amount of workers' compensation (ISS Code 10)	1515 - 1519
T12AMT GI:	Amount of employer/union temp. sickness benefits	1521 - 1525
T13AMT GI:	Amount of own sickness, accident, disability insur	1527 - 1531
T14AMT GI:	Amount of employer disability payments (ISS Code 14)	1533 - 1537
T15AMT GI:	Amount of severance pay (ISS Code 15)	1539 - 1543
T20AMT GI:	Amount of AFDC,ADC (ISS Code 20)	1545 - 1549
T21AMT GI:	Amount of General Assistance or General Relief	1551 - 1555
T23AMT GI:	Amount of foster child care payments (ISS Code 23)	1557 - 1561
T24AMT GI:	Amount of other welfare (ISS Code 24)	1563 - 1567
T25AMT GI:	Amount of WIC payments (ISS Code 25)	1569 - 1573
T26AMT GI:	Amount of pass-through child support payments	1575 - 1579
T27AMT GI:	Amount of Food Stamps (ISS Code 27)	1581 - 1585
T28AMT GI:	Amount of child support payments (ISS Code 28)	1587 - 1591
T29AMT GI:	Amount of alimony payments (ISS Code 29)	1593 - 1597
T30AMT GI:	Amount of pension from a company or union	1599 - 1603
T31AMT GI:	Amount of Federal Civil Service pension (ISS Code 31)	1605 - 1609
T32AMT GI:	Amount of U.S. Military retirement pay	1611 - 1615
T34AMT GI:	Amount of State government pension (ISS Code 34)	1617 - 1621
T35AMT GI:	Amount of local government pension (ISS Code 35)	1623 - 1627
T36AMT GI:	Amount of income from paid-up life insurance policy	1629 - 1633
T37AMT GI:	Amount from estates or trusts (ISS Code 37)	1635 - 1639
	Amt. from other retirement, disability or survivor	
T39AMT GI:	Amount of pension/retirement lump sums (ISS Code 39)	1648 - 1653
T42AMT GI:	Amount of draw from an IRA/Keough/401k or Thrift Plan	1655 - 1659
	Amount of income assistance from a charitable group	
T51AMT GI:	Amount of money from relatives or friends	1667 - 1671
	Amount of lump sum payments (ISS Code 52)	
T53AMT GI:	Amount of income from roomers or boarders	1679 - 1683
T55AMT GI:	Amount of incidental or casual earnings	1685 - 1689
T56AMT GI:	Amount of miscellaneous cash income	1691 - 1695

<u>Variable</u>		<u>Description</u>	<u>Position</u>
T75AMT	GI:	Amount of other government income (ISS Code 75)	1697 - 1702
TAGE	PE:	Age as of last birthday	573 - 574
TAGESS	GI:	Age Social Security Disability payments began	1326 - 1327
TBDJTINT	AS:	Amnt of monthly interest from joint municipal bonds	1995 - 1999
		Amount of monthly interest from own municipal bonds	
TBMSUM1	BS:	Income received this month	1085 - 1089
		Income received this month	
		Industry code	
TBSIND2	BS:	Industry code	1187 - 1188
		Occupation code	
TBSOCC2	BS:	Occupation code	1190 - 1192
TBYEAR	PE:	Year of birth	524 - 527
		Amount of monthly interest from joint CDs	
		Amount of monthly interest from solely owned CDs	
		Amount of mnthly interest from joint checking account	
		Amount of monthly interest from own checking account	
		Amount received by Agency on's behalf	
		Total amount of all dividend income	
		Date operation of business ended	
		Date operation of business ended	
		Ending date of job	
		Ending date of job	
TEMPALL1	JB:	Number of employees at all locations	911 - 912
TEMPALL2	JB:	Number of employees at all locations	987 - 988
		Maximum number of employees	
TEMPB2	BS:	Maximum number of employees	1145 - 1146
		Employees at worker's location	
		Employees at worker's location	
		Total Family Aid to Families w/Dependent Children	
		Total family earned income for this month	
		Total Family Food Stamps Received Recode	
		FIPS State Code	
TFLUMPSM	FA:	Family retirement lump sum payments	341 - 348
TFOTHINC	FA:	Total 'other' family income for this month	314 - 320
		Family distributions from pension plans	
		Low income cutoff for this family	
TFPRPINC	FA:	Total family property income for this month	299 - 306
TFSOCSEC	FA:	Total Family Social Security Income Recode	349 - 354
TFSSI	FA:		355 - 360
		Total family income for this month	
TFUNEMP	FA:		361 - 366
TFVETS	FA:	Total Family Veterans Payments Recode	367 - 372
TGVJTINT	AS:	Amount of monthly int from joint US Govt securities	2013 - 2017
TGVOINT	AS:	Amount of monthly int from own US Govt securities	2022 - 2026
THAFDC	HH:	Total household AFDC income	241 - 246
THEARN	HH:	Total household earned income	148 - 154
THFDSTP	HH:	Total Household Food Stamps Received Recode	247 - 252
THLUMPSM	HH:	Retirement lump sum payments	203 - 210
THNONCSH	HH:	Total Household Noncash Income Recode	211 - 216
THOTHING	HH·	Total 'other' household income	170 - 176

<u>Variable</u>		<u>Description</u>	<u>Position</u>
		Distributions from pension plans	
THPOV	HH:	Low income cutoff for this household	191 - 195
THPRPINC	HH:	Total household property income	155 - 162
THSOCSEC	HH:	Total Household Social Security Income Recode	217 - 222
		Total Household Supplemental Security Income Recode	
THTOTINC	HH:	Total household income	177 - 184
THTRNINC	HH:	Total household means-tested cash transfers	163 - 169
		Total Household Unemployment Income Recode	
THVETS	HH:	Total Household Veterans Payments Recode	235 - 240
TINTINC	AS:	Amount of all interest income	2028 - 2033
TJACLR	AS:	Amt of net rent from prop. held jointly with spouse	1849 - 1854
		Amount of net income from rental property with others	
		Amount of gross rent from property joint with spouse	
		Occupation classification code	
TJBOCC2	JB:	Occupational classification code	1022 - 1024
TMDJTINT	AS:	Amount of monthly interest on joint money market	1959 - 1963
		Amt of monthly interest from own money markt deposit	
		Metro/Residual status	
		Amount of interest paid on mortgage owned with spouse	
		Amount of interest paid on own mortgage	
		Amount of dividends credited to joint margin account	
		Amount of check from jointly held mutual funds	
		Amount of income from moonlighting in this month	
		Amount of dividends credited to own margin account	
		Amount of check from solely held mutual funds	
		CMSA/PMSA/MSA Code	
		Amount of monthly rent	
		Amount of met income from own rental property	
		Amount of gross rent from own property	
		Amount of total other property income	
TDEARN	AO	Total person's earned income for the reference month	621 - 627
		Retirement lump sum payments	
		Earnings from job received in this month	
		Earnings from job received in this month.	
		Total person's other income for the reference month	
		Distributions from pension plans	
		Total property (asset) income for the month	
		Net profit or loss	
		Net profit or loss	
		Total person's income for the reference month	
		Total person's income for the reference month	
		Regular hourly pay rate	
		Regular hourly pay rate	
		Amount of income from royalties	
		Amount of other income from financial investments	
		Amnt rolled over into retirement acct in ref. period	
		Total related subfamily AFDC income	
		Date operation of business began	
		Date operation of business began	
		Total related subfamily Food Stamps income	
TSFEARN	SF:	Total related subfamily earned income for this month	418 - 424

<u>Variable</u>	<u>Description</u>	Position
TSFPOV SF:	Low income cutoff for this related subfamily	455 - 459
TSJADIV AS:	Amount of dividend credited to a joint margin accnt	2082 - 2086
TSJDATE1 JB:	Starting date of job	884 - 891
TSJDATE2 JB:	Starting date of job	960 - 967
TSJNTDIV AS:	Amount of dividend check from jointly held stocks	2067 - 2071
TSLUMPSM SF:	Related subfamily retirement lump sum payments	467 - 474
TSOTHINC SF:	Total 'other' related subfamily income for this month	440 - 446
TSOWNADV AS:	Amount of dividend credited solely held margin accnt	2088 - 2092
TSOWNDIV AS:	Amount of dividend check for solely held stocks	2073 - 2077
TSPNDIST SF:	Related subfamily distributions from pension plans	460 - 466
	Total related subfamily property inc for this month	
	Total related subfamily Social Security income	
	Total related subfamily Supplemental Security Income	
TSTOTINC SF:	Total related subfamily income for this month	447 - 454
TSTRNINC SF:	Total related subfamily means-tested cash transfers	433 - 439
	Total related subfamily unemployment income recode	
TSVETS SF:	Total related subfamily Veterans Payments	487 - 492
TSVJTINT AS:	Amount of monthly interest on joint savings account	1941 - 1945
	Amount of monthly interest from own savings account	
UAF1 AF:	UNEDITED - When did first serve on active duty?	544 - 544
UAF2 AF:	UNEDITED - When did next serve on active duty?	545 - 545
UAF3 AF:	UNEDITED - When did next serve on active duty?	546 - 546
UAF4 AF:	UNEDITED - When did next serve on active duty?	547 - 547
UAF5 AF:	UNEDITED - When did next serve on active duty?	548 - 548
UENTDAY PE:	UNEDITED VARIABLE - Day of month entered household	617 - 618
	UNEDITED VARIABLE - Main reason entered household	
	UNEDITED VARIABLE - Month entered household	
	UNEDITED VARIABLE - Has ever been divorced?	
	UNEDITED VARIABLE - Has ever been widowed?	
	UNEDITED VARIABLE - Day of month left household	
	UNEDITED VARIABLE - Main reason left household	
	UNEDITED VARIABLE - Month left household	
	'WPFINWGT' for head of family	
_	Household weight	
	Person weight	
WSFINWGT WW:	'WPFINWGT' for head of subfamily	408 - 417

### HOW TO USE THE DATA DICTIONARY

The Data Dictionary describes the file contents and provides locations for each variable (record layout of the public-use computer tape file.) The first line ("D" Line) of each data item description gives the variable name, size of the data field, and the begin position of that field. The components include a short mnemonic or field name for use with software packages; field size; starting position; and a description of field contents with possible values.

The next few lines contain descriptive text and any applicable notes. Categorical value codes and labels are given where needed. Comment notes marked by an (\*) are provided throughout for the rest of the dictionary components. Comments should be removed from the machine-readable version of the data dictionary before using it to help access the data file.

The first line of each data item description begins with the character "D" (left-justified, two characters). The "D" flag indicates lines in the data dictionary containing the name, size and begin position of each data item. The second line of each data item description begins with the character "T" (left-justified, two characters). The "T" flag indicates lines in the data dictionary containing the category code and short description of the variable. The line beginning with the character "U" describes the universe for that item. Lines containing categorical value codes and labels follow next and begin with the character "V". The special character (.) denotes the start of the value labels. Two examples of data item descriptions follow:

```
D RNOTAKE
              2
                   813
T LF: Reason couldn't start job
     Why couldn't ... have started a job?
U All persons 15+ at the end of the
  reference period who were unable to
  start a job during weeks on layoff or
  looking for work.
  EPOPSTAT = 1 and RTAKJOB = 2
          -1 .Not in universe
           1 .Waiting for a new job to
             .begin
           2 .Own temporary illness
V
           3 .School
           4 .Other
```

```
D RRRSN
               2
                   1218
T GI: Reason for receipt of Railroad
  Retirement pay
     For what reason or reasons did ...
     receive Railroad Retirement pay
     during the reference period? ISS
 Code 2
U All persons 15 to 69 who receive
  disability income and/or persons 15+ at
the end of the reference period who
  receive retirement income and/or
  survivor benefits.
          -1 .Not in universe
٧
           1 .Disability
            2 .Retirement
            3 .Survior
٧
            4 .Disability and retirement
            5 .Disability and survivor
            6 .Retirement and survivor
            7 .Disability, retirement, and
٧
              .survivor
            8 .No payment received
```

# SURVEY OF INCOME AND PROGRAM PARTICIPATION, 1996 PANEL LONGITUDINALLY EDITED WAVES 1-12 PERSON-MONTH DATA DICTIONARY

DATA SI ZE BEGI N	DATA SIZE BEGIN
D SSUSEQ 5 1 T SU: Sequence Number of Sample Unit - Primary Sort Key This variable is a panel variable.	V 10 .October V 11 .November V 12 .December
The value remains constant for the life of the panel.  U All persons V 1:50000 . Sequence Number	D RHCALYR 4 28 T SU: Calendar year for this reference month This is a monthly variable. Its value is subject to change between months.
D SSUID 12 6 T SU: Sample Unit Identifier	U All persons V 1995: 2000 . Calendar year of reference month
Sample Unit identifier This identifier is created by scrambling together the PSU, Segment, Serial, Serial Suffix of the original sample address. It may be used in matching sample units from different waves. This variable is a panel variable. The value remains constant for the life of the panel.  U All persons V 000000000000: 999999999999999999999999	D SHHADID 3 32 T SU: Hhld Address ID differentiates hhlds in sample unit Household Address ID. This field differentiates households within the sample PSU, segment, serial, serial suffix; that is, households spawned from an original sample household. This is a monthly variable. Its value is subject to change between months.
D SPANEL 4 18	U All persons V 11:121 . Household Address ID
T SU: Sample Code - Indicates Panel Year This variable is a panel variable. The value remains constant for the life of the panel.	D GVARSTR 3 35 T SU: Variance Stratum Code Variance Stratum Code Strata formed for
U All persons V 1996 . Panel Year	half sample variance estimation. This variable is a panel variable. The value remains constant for the life of the
D SWAVE 2 22 T SU: Wave of data collection This variable repeats once per wave. Its value is subject to change between	panel. U All persons V 1:105 . Stratum Code
Waves. U All persons V 1:12. Wave of data collection	D GHLFSAM 1 38 T SU: Half Sample Code Half Sample Code A code used to divide the sample into "half sample" replicates
D SROTATON 1 24 T SU: Rotation of data collection This variable repeats once per wave. Its value is subject to change between	that are used for variance estimation. This variable is a panel variable. The value remains constant for the life of the panel.
waves. U All persons V 1:4. Rotation of data collection	U All persons V 1:2.Half sample code
D SREFMON 1 25 T SU: Reference month of this record This is a monthly variable. Its value	D GRGC 3 39 T SU: Reduction Group Code Reduction Group Code A code assigned to each hit that partitions the sample into
is subject to change between months. U All persons V 1 .First Reference month V 2 .Second Reference month V 3 .Third Reference month	equally representative sub-samples. For sample reductions within PSUs. This variable is a panel variable. The value remains constant for the life of the panel.
V 4 . Fourth Reference month	U All persons V . Bl ank
T SU: Calendar month for this reference month.  This is a monthly variable. Its value is subject to change between months.	V 001:101 . Reduction Group Code  D TFIPSST 2 42 T HH: FIPS State Code FIPS State Code Federal Information
U All persons V 1 . January V 2 . February V 3 . March	Processing Standards state (and state equivalent) code for the 50 states, and DC. For the Sample Unit This is a
V 4 . Apri I V 5 . May V 6 . June	monthly variable. Its value is subject to change between months. U All persons
V 7.July V 8.August V 9.September	V 01 . Al abama V 02 . Al aska V 04 . Ari zona

```
SIZE BEGIN
                                                                                                                                      SIZE BEGIN
DATA
                                                                                                             DATA
                     05 . Arkansas
                                                                                                                                        . remaining in hhld
                                                                                                                                260 .TYPE-D, moved address unknown
261 .TYPE-D, moved w/in U.S. but
.outside SIPP
                     06 . Cal i forni a
                    06 . California
08 . Colorado
09 . Connecticut
10 . Del aware
11 . DC
12 . Florida
13 . Georgia
15 . Hawaii
16 . Idaho
17 . Illinois
18 . Indiana
19 . Iowa
                                                                                                                                262 Merged with another SIPP . household
                                                                                                                                270 . Mover, no longer located in same
                                                                                                                                         . fr's area
                                                                                                                                271 . Mover, new address located in . same fr's area
                                                                                                            D RHNF
                                                                                                            T HH: Number of families and pseudo families
                     19 . I owa
20 . Kansas
                                                                                                                 in this hhld
                                                                                                                      Number of families and psuedo families in this household in this month. Includes primary family, related and unrelated subfamilies, and primary and secondary individuals. This is a monthly variable. Its value is subject to change between months.
                     21 . Kentucky
22 . Loui si ana
                      24 . Maryl and
                     25 . Massachusetts
                      26 . Mi chi gan
                     27 . Mi nnesota
28 . Mi ssi ssi ppi
                     29 . Mi ssouri
30 . Montana
                                                                                                            U All persons
V 1:30 . Number of families in household
                     31 . Nebraska
                     32 Nevada
33 New Hampshire
34 New Jersey
35 New Mexico
36 New York
                                                                                                            D RHNFAM 2 49 T HH; No. of fams and psuedo fams (excluding
                                                                                                                 related subs)
                                                                                                                      Total number of family groups in this household in this month. Includes primary family, unrelated subfamilies and primary and secondary individuals, but excludes related subfamilies. This is a monthly variable. Its value is subject to change between months.
                     37 . North Carolina
39 . Ohio
                      40 . 0kl ahoma
                     41 . Oregon
42 . Pennsyl vani a
                     44 . Rhode Island
45 . South Carolina
47 . Tennessee
48 . Texas
                                                                                                            U All persons
V 1:30 . Number of families
                                                                                                            D RHNSF
                                                                                                            T HH: Number of related subfamilies for this
                      49 . Utah
                     51 . Virginia
53 . Washington
54 . West Virginia
55 . Wisconsin
                                                                                                                 househol d
                                                                                                                       tisenold Total number of related subfamilies in this household in this month. This is a monthly variable. Its value is subject to change between months.
                     61 . Maine, Vermont
62 . North Dakota, South Dakota,
                                                                                                            U All persons
V 0:30 . Number of related subfamilies
                            . Wyomi ng
D EOUTCOME
                                           44
                                                                                                             D EHREFPER
                                                                                                                                          4
                                                                                                                                                       53
T HH: Interview Status code for this household
This is a monthly variable. Its value
is subject to change between months.
                                                                                                             T HH: Person number of household reference
                                                                                                                       Person number of household reference
                                                                                                                       person in this month. Reference person's age is 15 or greater as of the end of the reference period. ERRP = 1 or 2 This is a monthly variable. Its value is subject to change between months.
U All persons
                   201 . Completed interview
                   203 . Compl. partial - missing data; no . TYPE-Z
                   207 . Complete partial - TYPE-Z; no . futher followup
                                                                                                            U All persons
V 101:1299 . Person number
                   . Futher followup
213 . TYPE-A, language problem
215 . TYPE-A, insufficient parital
216 . TYPE-A, no one home (noh)
217 . TYPE-A, temporarily absent (ta)
218 . TYPE-A, other occupied (specify)
234 . TYPE-B, entire hh institut. or
                                                                                                            D EHHNUMPP 3 57
T HH: Total number of persons in this hhld in
this month
                                                                                                                       This is a monthly variable. Its value is subject to change between months.
                   temp. ineligible
248 .TYPE-C, other (specify)
249 .TYPE-C, sample adjustment
250 .TYPE-C, hh deceased
251 .TYPE-C, moved out of country
252 .TYPE-C, living in armed forces
                                                                                                            U All persons
V 1:30 . Number of persons in household
                                                                                                            D RHTYPE
                                                                                                            T HH: Household type

This is a monthly variable. Its value is subject to change between months.
                            . barracks
                   253 . TYPE-C, on active duty in Armed
                                                                                                            U All persons
                                                                                                                                   1. Family hh - Married couple
2. Family hh - Male householder
3. Family hh - Female householder
4. Nonfamily hh - Male hhlder
                              TYPE-C, no one over age 15 years in hild
                   254 . TYPE-C,
                   255 . TYPE-C, no Wave 1 persons
```

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V V	<ul> <li>nonfamily hhld</li> <li>Nonfamily hh - Female hhlder</li> <li>nonfamily hhlder</li> <li>Group Quarters</li> </ul>	V V V V	1840 .Columbus, OH 1880 .Corpus Christi, TX 2000 .Dayton-Springfield, OH 2020 .Daytona Beach, FL
Fi nal perso	10 61 ehold weight weight for household reference n Four implied decimal places is a monthly yariable. Its value is	V V V V V	2120 . Des Moines, IA 2320 . El Paso, TX 2400 . Eugene-Springfield, OR 2560 . Fayetville, NC 2700 . Fort Myers-Cape Coral, FL 2710 . Fort Pierce-
subje U All perse	ct to change between months.	V V V	. Port St. Lucie, FL 2760 . Fort Wayne, IN 2840 . Fresno, CA 3000 . Grand Rapids-Muskegon-
D TMETRO T HH: Metro	1 71 o/Residual status ifiable metro/residual status for	V V V V	3000 . Grand Rapids-Muskegon . Holland, MI 3120 . GreensboroWinston-Salem . High Point, NC
publ i e vari al betwe	c use release This is a monthly ble. Its value is subject to change en months.	V V V	3160 . Greensvi I I e- Spartansburg- . Anderson, SC 3240 . Harri sburg- Lebanon-
U All perso V V	ons 1 . Metro 2 . Resi dual	V V V	. Carlisle, PA 3320 . Honolulu, HI 3480 . Indianapolis, IN 3600 . Jacksonville, FL
I dent	4 72 /PMSA/MSA Code ifiable MSA/CMSA code as defined in	V V V	3660 . Johnson City-Kingsport- . Bristol, TN 3760 . Kansas City. KS
Thi s	for public use release 0001-0099 Codes 0100-9240 MSA/PMSA Codes is a monthly variable. Its value is ct to change between months.	V V V V	3810 . Killeen-Temple, TX 3840 . Knoxville, TN 3980 . Lakeland-Winter Haven, FL 4000 . Lancaster, PA
V All perso V 000 V	ons 00 .Not in MSA/CMSA/PMSA or not .identifiable	V V V	4040 . Lansi ng-East Lansi ng, MI 4120 . Las Vegas, AZ 4280 . Lexi ngton, KY
V	07 . Boston-Worcester- . Lawrence, MA-NH 14 . Chi cago-Gary-Kenosha . (excl. PMSA 3740), IL 21 . Ci nci nnati - Hami I ton, OH	V V V	4520 . Loui sville, KY 4720 . Madi son, WI 4880 . McAllen-Edi nburg-Missi on, TX 4900 . Meļ bourne- <u>Ti</u> tusville-
V 003	28 .Cleveland-Akron, UH 31 .Dallas-Fort Worth, TX	V V V	. Palm Bay, FL 4920 . Memphis, MS 5120 . Minneapolis-St. Paul, WI
V 003	34 . Denver-Boul der-Greel ey, CO 35 . Detroi t-Ann Arbor-Fl i nt, MI 42 . Houston-Gal veston- . Brazori a, TX	V V V V	5160 .Mobile, AL 5170 .Modesto, CA 5240 .Montgomery, AL 5360 .Nashville, TN
V 00- V 00-	49 . Los Angel es-Ri versi de- . Orange County, CA 56 . Mi ami - Fort Laudersal e, FL	V V V	5560 . New Orleans, LA 5720 . Norfolk-Virginia Beach . Newport News, VA 5880 . Oklahoma City, OK
V 00°	63 . Milwuakee-Racine, Wi 70 . NY-NJ-LI, NJ 77 . Philadelphia-Wilmington- . Atlantic City, NJ	V V V V	5960 . Orl ando, FL 6080 . Pensacol a, FL 6200 . Phoeni x-Mesa. AZ
V 000 V 000 V 000	. Atlantic City, NJ 79 . Portland-Salem, OR-WA 82 . Sacramento-Yolo, CA 84 . San Francisco-Oakland- . San Jose, CA	V V V	6280 . Pittsburgh, PA 6520 . Provo-Orem, UT 6640 . Raleigh-Durham . Chapel Hill, NC
V 009 V 009 V 010	91 . Seattle-Tacoma-Bremerton, WA 97 . Washington-Baltimore, DC 60 . Albany-Schenectady-Troy, NY	V V V	6680 . Reading, PA 6760 . Ri chmond-Petersburg, VA 6840 . Rochester, NY
V 02	00 . Al bequerque, NM 40 . Al l entown- Bethl ehem . Easton, PA 20 . Atl anta. GA	V V V	6880 .Rockford, IL 7040 .St. Louis, IL 7160 .Salt Lake City-Ogden, UT 7240 .San Antonio. TX
V 067	20 . Atlanta, GA 40 . Austin-San Marcos, TX 80 . Bakersfield, CA 60 . Baton Rouge, LA	V V V V	7240 . San Antonio, TX 7320 . San Diego, CA 7480 . Santa Barbara-Santa Maria Lompoc, CA
V 100 V 123	40 .Beaumont-Port Arthur, TX 00 .Birmingham, AL 80 .Buffalo-Niagara Falls, NY 40 .Charleston-	V V V	7510 . Sarasota-Bradenton, FL 7560 . Scranton Wilkes-Barre . Hazelton, PA 8000 . Springfield, MA
V 148	. North Charleston, SC 80 . Charleston, W 20 . Charlotte-Gastonia- . Rock Hill, NC	V V V	8120 . Stockton-Lodi, CA 8160 . Syracuse, NY 8280 . Tampa-St. Petersburg- . Clearwater, FL
V 17	20 . Col orado Spri ngs, C0	V	8400 . Tol edo, OH

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V 86 V 89 V D RHCHANGE T HH: Chan previous This	ge in household composition from month is a monthly variable. Its value bject to change between months.	All str var bet V V V V V V V V V V V V V V V V V V V	location flag for EUNITS location flag for number of units in ructure. This is a monthly riable. Its value is subject to change tween months.  0 . No imputation 1 . Statistical imputation (hot . deck) 2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical
V V	1 . Change occurred 2 . No change occurred	V V	.imputation using previous wave .data
nousenoi Total reci p month	number of Social Security vients in this household in this a This is a monthly variable. Its a is subject to change between s.	1111	T 2 85  Type of living quarters  Is is a monthly variable. Its value subject to change between months.   Persons  1 . HU in House, apartment, flat 2 . HU in nontransient hotel, motel, etc. 3 . HU permanent, in transient
V - 0:	30 . Number of recipients	V V V	. hotel, motel, etc 4 .HU in rooming house 5 .Mobile home or trailer w/ no
Do th the l from hall?	2 79 ess to living quarters he occupants or intended occupants of iving quarters have direct access the out- side or through a common This is a monthly variable. Its his subject to change between his.	V V V V V V	. Mobile Home or trailer w/ ho . permanent room added 6. Mobile Home or trailer w/ one or .more permanent rooms added 7. HU not specified above 8. GQ - Quarters not HU in rooming .or boarding house 9. GQ - Unit not permanent in
U Persons	in households where segment type )area, 2)unit or 4)group	V V V	.transient hotel, motel, etc 10.GQ - Unoccupied tent or trailer .site
V V V	-1. Not in universe 1 . Yes 2 . No	V V V V	<ul><li>11.GQ - Student quarters in college . dormitory</li><li>12.Group quarters unit not . specified above</li></ul>
Alloc guart	1 81 ocation flag for EACCESS cation flag for access to living ers. This is a monthly variable. calue is subject to change between is.	D ALIVO T HH: Ål All Thi sul	•
V V	0.No imputation 1.Statistical imputation (hot .deck)	V V V	0 .Not imputed 1 .Statistical imputation (hot .deck)
V V V V V	2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data	V V V V V	2 .Cold deck imputation 3 .Logical Imputation (Derivation) 4 .Statistical or logical .imputation using previous wave .data
How m vacan This subje U All pers month wh	2 82 per of housing units pany housing units, both occupied and per of there in this structure? per of the there in this structure? per of the there is a monthly variable. Its value is per of the there is the the there is the the there is	Are bro hou wit a n to	whership status of living quarters eyour living quarters, owned or being bught by you or someone in your usehold, rented for cash or occupied chout payment of cash rent? This is monthly variable. Its value is subject change between months.
1-4 or 7 V V V V V	-1 . Not in universe 1 . One, detached 2 . One, attached 3 . Two 4 . 3: 4	U All pe V V V V V	<ol> <li>Owned or being bought by you or someone in your hhld</li> <li>Rented for cash</li> <li>Occupied without payment of cash rent</li> </ol>
V V V V D AUNITS	5 . 5-9 6 . 10-19 7 . 20-49 8 . 50 or more	D ATENUE T HH: Al Al l mor cha	location flag for ETENURE cocation flag for tenure. This is a nthly variable. Its value is subject to ange between months.
D AUNI IS	1 01	•	0 . No imputation

DATA	SIZE BEGIN	DATA	SIZE BEGIN	
T HH: Resid Is the project authory yarial	1 . Statistical imputation (hot . deck) 2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data  2 90 dence in public housing project e residence in a public housing ctis it owned by a local housing rity? This is a monthly ble. Its value is subject to change en months.	D AMTHRNT T HH: All Allo rent valu mont V V V V V V V V V V V V V V V V V V	ocation flag focation flag fo. This is a me is subject ths.  0 . Not imput 1 . Statistic . deck) 2 . Cold deck 3 . Logical i 4 . Statistic	al imputation (hot
U All perso ETENURE = V V V D APUBHSE	ons residing in a rental unit = 2 or 3 -1 .Not in universe 1 .Yes 2 .No	Is t othe This is s U All hou	idence in Sect hrough Section r public housi is a monthly ubject to chan seholds where	ion 8 or other program 8 or through some ng government program? variable. Its value ge between months. the Federal, State, or
housi r yari al	cation flag for EPUBHSE ation flag for residence in public ng project. This is a monthly ble. Its value is subject to change en months.	l ocal EGVTRNT	overnment pays = 1 NOTE: Dat ed in Waves 9- -1.Not in un 1.Section 8	part or all the rent. a for EWRSECT8 was
V V V V V	<ul> <li>0 . No imputation</li> <li>1 . Statistical imputation (hot . deck)</li> <li>2 . Cold deck imputation</li> <li>3 . Logical imputation (derivation)</li> <li>4 . Statistical or logical . imputation using previous wave</li> </ul>	V D AWRSECT T HH: All Allo gove mont	2 . Some othe  8 1 105 ocation flag fo rnment residen hly variable.	r government program or EWRSECT8 r Section 8 or other ce This is a Its value is subject to
vari ai betwee	ipt of Government subsidized rent e federal, state or local government g part of all of the rent for this ence? This is a monthly ble. Its value is subject to change en months.	V V	. deck) 2 . Cold deck 3 . Logical i 4 . Statistic	tion al imputation (hot
V ETENURE =	ons residing in a rental unit = 2 or 3 -1 .Not in universe 1 .Yes 2 .No	uni ts Č	ment of utilit	ies in public housing
Alloca govern monthl change V	1 95 cation flag for EGVTRNT ation flag for recipiency of nment subsidized rent. This is a ly variable. Its value is subject to e between months. 0 .No imputation	vari betw U Persons O = 1 or V V	able. Its valu een months. residing in h EGVTRNT = 1 -1 .Not in un 1 .Yes	ny utilities such as gas or oil? Exclude s a monthly e is subject to change ouseholds where EPUBHSE iverse
V V V V V	<ol> <li>Statistical imputation (hot .deck)</li> <li>Cold deck imputation</li> <li>Logical imputation (derivation)</li> <li>Statistical or logical .imputation using previous wave .data</li> </ol>	Allo in p vari	ocation flag f cation flag fo ublic housing.	or EUTILYN r payment of utilities This is a monthly e is subject to change
Excl ud does . topcod vari al betwee	6 96 nt of monthly rent ding any rent subsidies, how much pay in monthly rent? Value after ding. This is a monthly ble. Its value is subject to change en months. residing in household where EPUBHSE	V V V	0 . Not imput 1 . Statistic . deck) 2 . Cold deck 3 . Logical i 4 . Statistic	ed al imputation (hot imputation mputation (derivation) al or logical n using previous wave
V = 1  or  EC	O . Monthly rent where Erobise 50 . Monthly rent	D EEGYAST		assistance

```
Has this household received any energy
            assistance from the beginning of the first reference month to the end of the fourth reference month? This is a monthly variable. Its value is subject to change between months.
 U All persons
                        -1 . Not in universe
1 . Yes
2 . No
D AEGYAST
                                               111
T HH: Allocation Flag for EEGYAST
Allocation flag for receipt of energy assistance. This is a monthly variable. Its value is subject to change
             between months.
                           0 .Not imputed
1 .Statistical imputation (hot
                           deck)

2 . Cold deck imputation

3 . Logical imputation (derivation)

4 . Statistical or logical
                                 . imputation using previous wave
                                 . data
D EEGYPMT1
                                               112
T HH: Energy assistance payment by check
Was this assistance in the form of checks
sent to the household? This is a
monthly variable. Its value is subject to
             change between months.
U All persons in households where EEGYAST = 1
V -1 . Not in universe
V 1 . Yes
V 2 . No
D EEGYPMT2
                                               114
T HH: Energy assistance payment by coupons
Was this assistance in the form of
coupons or vouchers sent to the
household? This is a monthly
variable. Its value is subject to change
             between months.
U All persons in households where EEGYAST = 1
V -1 . Not in universe
V 1 . Yes
V 2 . No
D EEGYPMT3 2 116
T HH: Energy assist payment to utils, fuel dealers, landlord
Was this assistance in the form of payments sent directly to utility company, fuel dealer, or landlord?
This is a monthly variable. Its value is subject to change between months.

II All persons in households where EEGYAST = 1
U All persons in households where EEGYAST = 1
                         -1 . Not in universe
1 . Yes
2 . No
D AEGYPMT 1 118
T HH: Allocation flag for EEGYPMT1-EEGYPMT3
Allocation flag for type of enerty
assistance. This is a monthly
variable. Its value is subject to change
between months
             between months.
                           0 . Not imputed
1 . Statistical imputation (hot . deck)
                            2 . Cold deck imputation

2. Cord deck imputation
3. Logical imputation (derivation)
4. Statistical or logical

imputation using previous wave
data
```

```
D EEGYAMT
                                                   119
D EEGYAMT 5 119
T HH: Amount of energy assistance
What was the total amount of the energy assistance received by this household from the first month of the reference period to to the end of the fourth month?
This is a monthly variable. Its value is subject to change between months.
U All persons in households where EEGYAST = 1
V 0 . None or not in universe
V 1: 99999 . Dollar amount
D AEGYAMT 1 124
T HH: Allocation flag for EEGYAMT
Allocation flag for amount of energy assistance. This is a monthly variable. Its value is subject to change
              between months.
                            en months.

0 . Not imputed

1 . Statistical imputation (hot . deck)

2 . Cold deck imputation

3 . Logical imputation (derivation)

4 . Statistical or logical
V
V
V
V
V
                                   . imputation using previous wave
D EHOTLUNC 2 125
T HH: Receipt of a school lunch
Did...'s child/ren usually get a lunch
offered at school? This is a monthly
variable. Its value is subject to change
U All persons in households with children
     between the ages 5-18
-1 . Not in universe
1 . Yes
2 . No
D AHOTLUNC 1 127
T HH: Allocation flag for EHOTLUNC
Allocation flag for receipt of school
lunch. This is a monthly variable.
              Its value is subject to change between
             months.

0 . Not imputed
                              1 . Statistical imputation (hot
V
V
V
V
V
                              . deck)

2 . Cold deck imputation

3 . Logical imputation (derivation)

4 . Statistical or logical
                                    . imputation using previous wave
D RNKLUN 2 128 T HH: Number of children receiving lunch at
      school
             How many children in this household
usually receive a complete school lunch?
This is a monthly variable. Its value
is subject to change between months.
U Persons in interviewed households with
children are offered lunch at school
      Children are GLL2
(EHOTLUNC=1)
-1 . Not in universe
1:30 . Number of children
D EFREELUN 2 130
T HH: Qualify for free or reduced price school
             Are any of the lunches free or reduced price because the child/ren qualified for the federal school lunch program? This is a monthly variable. Its value is subject to change between months.
```

DATA	SIZE BEGIN	DA	ΓA SIZ	ZE BEGIN
V V V V V V V V V V V T HH: Alloca free of This is subject V	cons in households where EHOTLUNC = -1. Not in universe 1. Yes 2. No	U F	usually re breakfast. variable. between mo Persons in in children betw children are (EBRKFST=1) -1.N	hildren in this household ceive a complete school This is a monthly Its value is subject to change nths. terviewed households with een the ages of 5 and 18 whose offered breakfast at school ot in universe umber of children
V V V V V	. deck) 2 . Cold deck imputation 3 . Logical imputation (derivation 4 . Statistical or logical . imputation using previous wave . data	T F n) b	oreakfast Are any of price beca the federa	or free or reduced price  the breakfasts free or reduced use the child/ren qualified for l school breakfast program?
price? This i is sul	the lunches free or are they reduce is a monthly variable. Its value biect to change between months.	V V V	subject to All persons i -1 . N 1 . Y 2 . N	monthly variable. Its value is change between months. n households where EBRKFST = 1 ot in universe es o
V All perso	ons in households where EFREELUN = -1 .Not in universe 1 .Free lunch 2 .Reduced-price lunch	D A	AFREEBRK 1 III: Allocation Allocation	143 n flag for EFREEBRK flag for qualify for free or
Al I oca l unche	cation flag for EFRERDLN cation flag for free OR reduced pri ces. This is a monthly variable. calue is subject to change between		change bet 0 . N 1 . S . d	riable. Its value is subject to ween months. ot imputed tatistical imputation (hot eck) old deck imputation
V V V V	0 . Not imputed 1 . Statistical imputation (hot . deck) 2 . Cold deck imputation 3 . Logical imputation (derivation	V V V	3 . L 4 . S . i . d	ogical imputation (derivation) tatistical or logical mputation using previous wave ata
V V V	4 .Statistical or logical .imputation using previous wave .data	D H T F	reduced price This is a	reakfasts free or are they ? monthly variable. Its value
redera This i	2 136 ipt of school breakfast's child/ren usually get a .fast offered at school under the cal school breakfast program? is a monthly variable. Its value i	V V V	is subject All persons i -1 . N 1 . F 2 . R	to change between months. n households where EFREEBRK = 1 ot in universe ree breakfast educed-price breakfast
U Persons i children V	ct to change between months. in interviewed household with between the ages 5-18 -1 . Not in universe 1 . Yes 2 . No	U A	AFRERDBK 1 IH: Allocation Allocation breakfast. variable. between mo	n flag for EFRERDBK flag for free OR reduced price This is a monthly Its value is subject to change
T HH: Alloc Alloca breakf yari al	1 138 cation flag for EBRKFST ation flag for receipt of school fast. This is a monthly ble. Its value is subject to change	V V V V V ge V	1 . S . d 2 . C 3 . L 4 . S	ot imputed tatistical imputation (hot eck) old deck imputation ogical imputation (derivation) tatistical or logical
V V V V V V	en months.  0 .Not imputed  1 .Statistical imputation (hot .deck)  2 .Cold deck imputation  3 .Logical imputation  4 .Statistical or logical .imputation using previous wave	V DF TF	. d RPRGQUES 1 IH: Flag indi Juestion data Government	cating transfer of program  program participation
V D RNKBRK	data 2 139 ber of children receiving complete		l unch and rent subsi	dealing with household ion in free and reduced price breakfast programs, government dies and energy assistance are nterviewed households. This

information is transferred to records for sample persons who have moved sometime during the reference period but whose household composition has not changed. This is a monthly variable. Its value is subject to change between months.

U All persons  $\boldsymbol{0}$  . Residence this month not in . sample at intrvw - no data

. transferred 1 . Res. this mo. was intrvwed . address - program data collected  ${\bf 2}$  . Res. this mo. in sample but . nonintrvw - no program data coll 3 . Res. this mo. not in sample at .intrvw - program data transfe

THEARN T HH: Total household earned income
Reaggregated total household earned
income for relevant month of the reference period after topcoding Tis a monthly variable. Its value is subject to change between months. Thi s

U All persons V 0:1500000 .Dollar amount

D THPRPINC 8 D THPRPINC 8 155

T HH: Total household property income
Reaggregated total household property
income for relevant month of the
reference period after topcoding.
This is a monthly variable. Its value is
subject to change between months.

All persons -1500000: 1500000 . Dollar amount

D THTRNINC 163 T HH: Total household means-tested cash transfers

Reaggregated total household means-tested cash transfers for the relevant month of the reference period after topcoding.
This is a monthly variable. Its value is subject to change between months.

U All persons
V 0:1500000 .Dollar amount

D THOTHINC 7 170
T HH: Total 'other' household income
Reaggregaged total 'other' household
income for relevant month of the
reference period after topcoding.
This is a monthly variable. Its value is
subject to change between months.
U All persons

U All persons V 0: 1500000 . Dollar amount

D THIOTINC 8 177

T HH: Total household income
Reaggregated total household income for relevant month of the reference period after topcoding. This is a monthly variable. Its value is subject to change between months.

U All nersons

U All persons V -1500000: 1500000 . Dollar amount

D RHNBRF 2 185
T HH: Household noncash benefits receipt flag
Household noncash benefits receipt flag
Do one or more persons in this household
receive Food Stamps, WIC, Medicaid, rent
for public housing, lower rent due to
government subsidy, government energy
assistance, free or reduced-price

lunches, free or reduced-price breakfasts? This is a monthly yariable. Its value is subject to change between months.

U All persons 1 . Yes 2 . No

D RHCBRF 187 T HH: Household cash benefits receipt flag
Household cash benefits receipt flag Did
someone in household receive means-tested
cash benefits? This is a monthly variable. Its value is subject to change between months.

U All persons 1 . Yes 2 . No

D RHMTRF 2 189 T HH: Household means-tested cash or noncash receipt flag
Household means-tested cash or noncash receipt flag Did someone in this household receive means-tested cash or noncash benefits? This is a monthly variable. Its value is subject to change between months.

U All persons 1 . Yes 2 . No

D THPOV 191 T HH: Low income cutoff for this household
This is a monthly variable. Its value
is subject to change between months.

U All persons V 1:40000 . Dollar amount

D THPNDIST 7 196 T HH: Distributions from pension plans Reaggregated total household distributions from IRA's, KEOGH, and 401k pension plans for relevant month of the reference period after topcoding amounts (ISS code = 42) This is a monthly variable. Its value is subject to change between months.

U All persons V 0:1500000 .Dollar amount

D THLUMPSM 203 T HH: Retirement lump sum payments
Reaggregated total household lump sum payments from retirement plans for relevant month of the reference period after topcoding amounts (ISS codes = 39, 52) This is a monthly variable. Its value is subject to change between months.

U All persons V 0:15000000 . Dollar amount

D THNONCSH THNONCSH 6 211

THH: Total Household Noncash Income Recode Reaggregated total Noncash Household Income for this month in dollars.

Includes Dollar values for Food Stamps, WIC, and Energy Assistance (ISS codes = 25, 27 and EEGYAMT) This is a monthly variable. Its value is subject to change between months. between months.

U All persons. V 0:150000 .Dollar amount

D THSOCSEC

DATA SIZE BEGIN

T HH: Total Household Social Security Income Recode Reaggregated total household Social Security for this month in dollars.
Includes Social Security Income received for children (ISS code = 1) This is a monthly variable. Its value is subject to change between months.

U All persons V 0:150000 .Dollar amount

HH: Total Household Supplemental Security Income Recode Reaggregated total household Supplemental Security Income for this month. (ISS code = 3 or 4) This is a monthly variable. Its value is subject to change between months.

U All persons V 0:150000 . Dollar amount

D THUNEMP 6 229 T HH: Total Household Unemployment Income Recode

Reaggregated total household unemployment income for this month. (ISS codes = 5,7) This is a monthly variable. Its value is subject to change between months.

U All persons V 0:150000 .Dollar amount

D THVETS 6 235
T HH: Total Household Veterans Payments Recode
Reaggregated total household veterans
payments for this month. (ISS code = 8)
This is a monthly variable. Its value
is subject to change between months. U All persons V 0:150000 .Dollar amount

D THAFDC THAFDC 6 241

THH: Total household AFDC income
Reaggregated total household Income from
Aid to Families with Dependent Children
for this month (ISS code = 20). This
is a monthly variable. Its value is
subject to change between months.

U All persons
V 0:150000 . Dollar amount

D THFDSTP HH: Total Household Food Stamps Received Recode

Reaggregated total household income received from Food Stamps. (ISS code = 27) This is a monthly variable. Its value is subject to change between months.

U All persons V 0:150000 . Dollar amount

D RFID 3 253
T FA: Family ID Number for this month
Family ID number may be used to identify
all persons in the same family in a given
month. This ID is used for primary
families, unrelated subfamilies, and
primary and secondary individuals.
Persons in related subfamilies have the
primary family ID in this field. This primary family ID in this field. is a monthly variable. Its value is subject to change between months.

U All persons 1: 120 . Family ID number DATA SIZE BEGIN

D RFID2 T FA: Family ID excluding related subfamily members Family ID number excluding members of related subfamilies. This ID is used for all persons except related subfamily members. This is a monthly variable. Its value is subject to change between months.

U All persons except those in related subfamilies (excludes persons with ESFTYPE =

-1 . Not in universe 1:120 . Family ID number

T FA: Number of persons in this family or pseudo family
This is a monthly variable. Its value is subject to change between months.

U All persons 1:30 . Persons in family

D EFREFPER 261 T FA: Person number of the family reference

Person number of the family reference person. Person number is unique within sample unit. This is a monthly yariable. Its value is subject to change between months.

U All persons V 101:1299 . Person # of family reference . person

D EFSPOUSE 4 265 T FA: Person number of spouse of family ref. person

Person number of the spouse of the family reference person. Person number is unique within sample unit. This is a monthly variable. Its value is subject to change between months.

U All persons V 101:1299 .Person # of spouse of family ref. person 9999 . Persons with EFKIND=2 or 3

D EFTYPE 269 T FA: Type of family (or pseudo-family)
This is a monthly variable. Its value is subject to change between months.

All persons 1. Primary family (including those .w/rel. subfamilies)
3. Unrelated Subfamily

4 . Pri mary Individual 5 . Secondary Individual

D RFCHANGE T FA: Change in family composition from

previous month
This is a monthly variable. Its value is subject to change between months.

U All persons 1 . Change occurred 2 . No change occurred

272 D EFKIND T FA: Kind of family (or pseudo-family)
This is a monthly variable. Its value is subject to change between months.

All persons 1 . Headed by Husband/Wife 2 . Male Headed

DATA SIZE BEGIN

3 . Female Headed

D RFNKIDS T FA: Total number of children under 18 in family
This is family level information placed on the record of each person in the family. This is a monthly variable. Its value is subject to change between

months. U All persons

0:30 . Number of children

D RFOWKID 276 T FA: Number of own children in family
This is a monthly variable. Its value
is subject to change between months.

U All persons

0:30 . Number of children

D RFOKLT18 278 T FA: Number of own children under 18 in family

This is a monthly variable. Its value is subject to change between months. U All persons

0:30 . Number of own children under 18

D RFNSSR FA: Number of Social Security recipients in

Total number of Social Security recipients in this family or psuedo family in this month. This is a monthly variable. Its value is subject to change between months.

U All persons 0:30 . Number of recipients

D WFFINWGT 10 282
T WW: 'WFFINWGT' for head of family
Final person weight for family reference
person. Four implied decimal places.
This is a monthly variable. Its value is
subject to change between months.
U All persons
V 00000: 9999999999 . Person weight for family
reference person

. reference person

D TFEARN 7 292 T FA: Total family earned income for this month

Reaggregated total family earned income for relevant month of the reference period after topcoding amounts This is a monthly variable. Its value is subject to change between months.

U All persons V 0:1500000 . Dollar amount

T FA: Total family property income for this

Reaggregated total family property income for relevant month of the reference period after topcoding amounts This is a monthly variable. Its value is subject to change between months. subject to change between months.

U All persons V -1500000: 1500000 . Dollar amount

D TFTRNINC 307 T FA: Total family means-tested cash transfers for this month

Reaggregated total family means-tested cash transfers for the relevant month of

the reference period after topcoding amounts This is a monthly variable. Its value is subject to change between months.

U All persons V 0:1500000 . Dollar amount

D TFOTHINC T FA: Total 'other' family income for this month

Reaggregated total 'other' family income for relevant month of the reference period after topcoding amounts This is a monthly variable. Its value is subject to change between months. U All persons V 0:1500000 .Dollar amount

D TFTOTINC T FA: Total family income for this month
Reaggregated total family income for
relevant month of the reference period
after topcoding amount This is a
monthly variable. Its value is subject to
change between months.

II All persons

U All persons V -1500000: 1500000 . Dollar amount

T FA: Low income cutoff for this family
Low annual income cutoff for this family
This is a monthly variable. Its value is subject to change between months.

U All persons V 1:40000 . Dollar amount

D TFPNDIST 7 334
T FA: Family distributions from pension plans Reaggregated total family distributions from IRA's, KEOGH, and 401k pension plans for the reference month after topcoding amounts. (ISS code = 42) This is a monthly variable. Its value is subject to change between months.

U All persons V 0:1500000 .Dollar amount

D TFLUMPSM 8 341 T FA: Family retirement lump sum payments
Reaggregated total family lump sum
payments from retirement plans for the reference month after topcoding amounts (ISS codes 39, 52) This is a monthly yariable. Its value is subject to change between months.

U All persons V 0: 15000000 . Dollar amount

D TFSOCSEC 6 T FA: Total Family Social Security Income

Reaggregated total primary family social security for this month in dollars after topcoding amounts. Includes social security income received for children (ISS code = 1) This is a monthly variable. Its value is subject to change between months.

U All persons V 0:150000 .Dollar amount

T FA: Total Family Supplemental Security Income Recode Reaggregated total primary family Supplemental Security Income after

DATA SIZE BEGIN topcoding amounts for this month (ISS code = 3 or 4) This is a monthly variable. Its value is subject to change between months. U All persons V 0:150000 . Dollar amount D TFUNEMP 6 361
T FA: Total Family Unemployment Income Recode Reaggregated total primary family unemployment income for this month after topcoding amounts. (ISS codes = 5,7)
This is a monthly variable. Its value is subject to change between months.

II All persons U All persons V 0:150000 . Dollar amount D TFVETS 6 367
T FA: Total Family Veterans Payments Recode
Reaggregated total primary family
veterans payments for this month after
topcoding amounts (ISS code = 8) This
is a monthly variable. Its value is
subject to change between months.

II All persons U All persons V 0:150000 . Dollar amount D TFAFDC 6 373 T FA: Total Family Aid to Families w/Dependent Children Reaggregated total primary family aid to families with dependent children after topcoding amounts for this month (ISS code = 20) This is a monthly variable. Its value is subject to change between months. U All persons V 0:150000 .Dollar amount D TFFDSTP 6 379
T FA: Total Family Food Stamps Received Recode
Reaggregated total primary family food
stamps received for this month after
topcoding amounts (ISS code = 27)
This is a monthly variable. Its value is
subject to change between months.
U All persons U All persons V 0:150000 . Dollar amount 385 D RSID 3 385
T FA: Related or unrelated subfamily ID Number for this month
Subfamily ID number may be used to identify all persons in the same RELATED OR UNRELATED subfamily in a given month. This ID is zero for all persons not in a subfamily. This is a monthly variable. Its value is subject to change between months. between months. U All persons in a related or unrelated subfamily (ESFTYPE=2 or EFTYPE=3)

V -1 . Not in universe
V 1: 120 . Family ID number

D ESFNP 2 388 T SF: Number of persons in this related subfamily

This is a monthly variable. Its value is subject to change between months.

U All persons in the subfamily for this month ESFTYPE=2<BR>

-1 . Not in universe 2:30 . # of persons in this rel. . subfamily D ESFRFPER 390 T SF: Person number of the related subfamily ref\_person Person number of the related subfamily reference person. Person number is unique within sample unit. This is a monthly variable. Its value is subject to change between months.
U All persons in related subfamily in this month ESFTYPE=2<BR> -1 . Not in universe 101: 1299 . Person # of rel. subfamily . reference person D ESFSPSE 394 T SF: Person number of spouse of related subfam ref person
Person number of the the spouse of
related subfamily reference person.
Person number is unique within sample
unit. This is a monthly variable. Its
value is subject to change between months. U All persons in related subfamily in this month ESFTYPE = 2

V -1 . Not in universe 101: 1299 . Person # of spouse of rel. . subfamily reference person 9999 . No spouse in subfamily T SF: Type of family (or pseudo-family)
This is a monthly variable. Its value is subject to change between months.

U All persons in related subfamily in this month EFTYPE = 2 -1 . Not in universe 2 . Related Subfamily D ESFKIND 2 400 T SF: Kind of family (or pseudo-family) This is a monthly variable. Its value is subject to change between months.
U All persons in related subfamilies in this month ESFTYPE = 2 -1 . Not in universe 1 . Headed by Husband/Wife 2 . Male Headed 3 . Female Headed D RSCHANGE D RSCHANGE 2 402 T SF: Change in rel subfam composition from previous month This is a monthly variable. Its value is subject to change between months.
U All persons in related subfamilies in this month ESFTYPE = 2 0 . Not in universe 1 . Change occurred 2 . No change occurred D ESOWKI D 404 T SF: Number of own children in related subfamily Number of own children in related subfamily. This is a subfamily level variable placed on each person in the subfamily. This is a monthly variable. Its value is subject to change between months. U All persons in related subfamilies in this month ESFTYPE = 2 -1 . Not in universe 0 . No children

1:30 . Number of children

DATA

SIZE BEGIN

```
2
D ESOKLT18
                                     406
T SF: Number of own children under 18 in
    related subfamily
Number of own children under 18 in
related subfamily. This is a subfamily
level variable placed on each person in
the subfamily. This is a monthly
variable. Its value is subject to change
between months.

U All persons in related subfamilies in this month. ESFTYPE = 2

V -1 . Not in universe
                0 . No children
1: 30 . Number of children
T WW: 'WPFINWGT' for head of subfamily
Weight of related subfamily reference person. Four implied decimal places.
This is a monthly variable. Its value is subject to change between months.

U All persons in related subfamilies ESFTYPE =
   -1 . Not in universe
00000: 9999999999 . Weight of rel. subfamily
. reference person
D TSFEARN
T SF: Total related subfamily earned income for this month
          Reaggregated total related subfamily
          earned income for relevant month of the
reference period after topcoding amounts
This is a monthly variable. Its value
is subject to change between months.

U All persons in related subfamilies in this
month ESFTYPE = 2
      0 . None or not in universe
1:1500000 . Dollar amount
   TSPRPI NC
    SF: Total related subfamily property inc for
     this month
          Reaggregated total related subfamily
          property income for the relevant month of the reference period after topcoding amounts This is a monthly variable. Its value is subject to change between
          months.
U All persons in related subfamilies in this month ESFTYPE=2<BR>
V -1500000: 1500000 . Dollar amount
V 0 . None or not in universe
D TSTRNINC 7 433
T SF: Total related subfamily means-tested
     cash transfers
```

ISUIHINC 7 440 SF: Total 'other' related subfamily income for this month

subfamily income for relevant month of the reference period after topcoding amounts This is a monthly variable. Its value is subject to change between

Reaggregated total 'other' related

D TSOTHINC

```
U All persons in related subfamilies in this
     month ESFTYPE = 2

0 . None or not in universe

1:1500000 . Dollar amount
     TSTOTI NC
T SF: Total related subfamily income for this
     month
            Reaggregated total related subfamily income for relevant month of the reference period after topcoding amount This is a monthly variable. Its value
is subject to change between months.

U All persons in related subfamilies in this month ESFTYPE = 2

V -1500000: 1500000 . Dollar amount

V 0 . None or not in universe
D TSFPOV 5 455 T SF: Low income cutoff for this related
D TSPNDIST 7 460
T SF: Related subfamily distributions from
     pension plans
pension plans
Reaggregated total related subfamily
distributions from IRA's, KEOGH, and 401k
pension plans for the reference month
after topcoding amounts (ISS code = 42)
This is a monthly variable. Its value
is subject to change between months.

U All persons in related subfamilies in this
month ESFTYPE = 2
V 0 . None or not in universe
V 1:1500000 . Dollar amount
     TSLUMPSM
 T SF: Related subfamily retirement lump sum
Reaggregated total related subfamily lump sum payments from retirement plans for the reference month after topcoding amounts (ISS codes = 39, 52) This is a monthly variable. Its value is subject to change between months.

U All persons in related subfamilies in this month ESFTYPE = 2

V 0 None or not in universe
V 0 . None or not in universe
V 1:15000000 . Dollar amount
D TSSOCSEC
T SF: Total related subfamily Social Security
     i ncome
            Reaggregated total related subfamily social security for this month in dollars after topcoding amounts. Includes social security income received for children (ISS code = 1) This is a monthly variable. Its value is subject to change between months
            between months.
U All persons in related subfamilies for this month ESFTYPE= 2
          0 . None or not in universe
1:150000 . Dollar amount
T SF: Total related subfamily Supplemental Security Income
```

Reaggregated total related subfamily

DATA	SIZE	BEGI N	DATA	SIZE	BEGI N
topcodi code = vari abl between U All person this month 2 V	ing amo 3 or 4 le. Its n month ns in to n after O . None	Security Income after punts for this month (ISS 1) This is a monthly sivalue is subject to change as. The related subfamily for the topcoding amounts ESFTYPE = the or not in universe ar amount	persons number This va The val of the U All person	numbers withit is united and the control of the con	514 or This field differentiates n the sample unit. Person que within the sample unit. e is a panel variable. mains constant for the life
Payments Reaggre veterar topcodi is a m subject U All persor this month V V 1:150000 D TSUNEMP	egated is paying amounthly t to clus in to ESFTY in ESFTY in Doll 6	487 ed subfamily Veterans  total related subfamily ments for this month after ounts (ISS code = 8) This variable. Its value is nange between months. che related subfamily for (PE = 2 e or not in universe ar amount  493 ed subfamily unemployment	This values Its values. U All person V 1 2 2 V 3 3 V 4 V period	ue is  s Inte Inte Inte Inte Inte Inte Inte Inte	status erepeats once per wave. subject to change between erview (self) erview (proxy) nterview - Type Z ntrvw - pseudo Type Z. Left de during the reference dren under 15 during erence period
i ncome rec Reaggre unemplo topcodi This is subject U All person this month	code egated byment ing am s a moi t to cl is in to ESFTY O . None	total related subfamily income for this month after bunts. (ISS codes = 5, 7) with the subject of the subject of the subject of the related subfamily for APE = 2 to or not in universe ar amount	ref. month Popul at whether be aske on his/ referen repeats subject	ion stron stron no ed a fu her ag ice per sonce to ch	tatus based on age in fourth atus. This field identifies at a person was eligible to all set of questions, based in the fourth month of the iod. This variable per wave. Its value is lange between waves.
Reaggre income Depende amounts This is is subj	egated from A ent Chi s for to s a mon ect to s in to	499 ed subfamily AFDC income total related subfamily hid to Families with ldren after topcoding chis month (ISS code = 20) hthly variable. Its value o change between months. che related subfamily for APF = 2	D EBMNTH T PE: Month This va The val of the U All person	. Adul 2 . Chil of bir oriable ue ren panel.	t (15 years of age or older) d (Under 15 years of age)  521 th e is a panel variable. mains constant for the life
V 1: 150000 D TSFDSTP T SF: Total i ncome Reaggre i ncome month a 27) Th	O . None O . Doll  frelate egated from fafter to is is subj	e or not in universe ar amount  505 ed subfamily Food Stamps total related subfamily food stamps received for this topcoding amounts (ISS code = a monthly variable. Its ect to change between	D ABMNTH T PE: Allocat Allocat This va value r the pan V 0 V 1	1 ation fl ariable remains ael. ). Not . Stat . deck	1523 Tag for EBMNTH ag for month of birth. Is a panel variable. The constant for the life of imputed istical imputation (hot
U All person this month V ( V 1:150000 D EENTAID	ns in t n ESFTY D . None D . Doll	the related subfamily for  (PE = 2 e or not in universe ar amount  511 of hhld where person entered	V 4 V V V 5	: Stat . i mpu . data . Long . i mpu . Long	istical or logical Itation using previous wave
sample Adress person person This va The val of the U All person	ID of belong first ariable ue rei panel.	the household that this ged to at the time this became part of the sample is a panel variable.	The val of the U All person	riable ue ren panel. Is	524 h e is a panel variable. mains constant for the life

DATA	SIZE BEGIN	DATA	SIZE BEGIN
D ABYEAR T PE: Allo	1 528 ocation flag for TBYEAR	V	. (deri vati on)
Alloca This	ration flag for year of birth. variable is a panel variable. The	D EORIGIN T PE: Orig	2 533 in of this person
val ue the pa	remains constant for the life of panel.	Thi s The y	variable is a panel variable. alue remains constant for the life
V	0 .Not imputed 1 .Statistical imputation (hot	U All pers	e panel. ons
V V V	. deck) 2 . Cold deck imputation 3 . Logical imputation (derivation)	V V V	1 . Canadi an 2 . Dutch 3 . Engl i sh
V V	4 . Statistical or logical . imputation using previous wave	V V	4 . French 5 . French-Canadi an
V V	data  . Longi tudi nal_stati sti cal	Ÿ	6 . German 7 . Hungari an
V V	.imputation (hot deck) 6.Longitudinal logical imputation	V V V	8 . Irišh 9 . Italian
V	. (deri vati on)	V	10 . Polish 11 . Russian
D ESEX T PE: Sex o	1 529 of this person	V	12 . Scandi navi an 13 . Scotch-Iri sh
The va	variable is a panel variable. value remains constant for the life me panel.	V	14 . Scottish 15 . Slovak 16 . Welsh
U All perse	er paner. ons 1 . Mal e	V	17 . Other European 20 . Mexi can
V	2 . Femal e	V V	21 . Mexi can- Ameri can 22 . Chi cano
D ASEX T PE: Allo	1 530 ecation flag for ESEX ation flag for gender. This	V V	23 . Puerto Ri can 24 . Cuban
varı al	ble is a panel variable. The value	V	25 . Central American 26 . South American
panel.	ns constant for the life of the	V	27 . Dominican Republic 28 . Other Hispanic 30 . African-American or
V V	<pre>0 .Not imputed 1 .Statistical imputation (hot    .deck)</pre>	V	. Afro-American 31 . American Indian, Eskimo, or
V V	2 . Cold deck imputation 3 . Logical imputation (derivation)	V	. Al eut 32 . Arab
V V	4 . Statistical or logical . imputation using previous wave	V	33 . Asi an 34 . Paci f <u>i</u> c Isl ander
V V	. data 5 . Longi tudi nal_stati sti cal	V	35 . West Indian 39 . Another group not listed
V V V	.impūtation (hot deck) 6.Longitudinal logical imputation .(derivation)	V D AORIGIN	40 . Ameri can 1 535
D ERACE	1 531	T PE: Alloc	cation flag for EORIGIN ation flag for origin. This
T PE: Race	of this person variable is a panel variable.	vari a	ble is a panel variable. The value ns constant for the life of the
The va of the	value remains constant for the life e panel.	v panel	O .Not imputed
U All perso	1.White	V V	1 . Statistical imputation (hot deck)
V V V	2 . Black 3 . American Indian, Aleut, or . Eski mo	V V V	2 .Cold deck imputation 3 .Logical imputation (derivation) 4 .Statistical or logical
v	4 . Asian or Pacific Islander	V V	. imputation using previous wave . data
D ARACE T PE: Allo	1 532 ocation flag for ERACE	$\mathbf{V}_{\mathbf{V}}$	5 . Longitudinal statistical .imputation (hot deck)
vari al	ration flag for race. This ble is a panel variable. The value	V V	6 . Longitudinal logical imputation . (derivation)
panel.	ns constant for the life of the  O . Not imputed	D UEVRWID T PF: UNFD	1 536 ITED VARIABLE - Has ever been
V V	1 .Statistical imputation (hot .deck)	wi dowed?	
V V	2 . Cold deck imputation 3 . Logical imputation (derivation)	Its v waves	alue is subject to change between
V V	4 . Statistical or logical imputation using previous wave	referenc	ons 15+ as of the end of the e period whose marital status was
V V V	. data 5 . Longitudinal statistical . imputation (hot deck)	and EMS	rted "Never Married" EPOPSTAT = 1 = 1:5 0 .Not answered
V	6 . Longi tudi nal logi cal imputati on	V	1 . Yes

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V V D UEVRDI V		active d This Its v waves	variable repeats once per wave. value is subject to change between
di vorce <u>T</u> hi s	s variable repeats once per wave. value is subject to change between	U All pers serving V V V	sons currently serving or ever in the 0. Not answered 1. August 1990 to present . (including Persian Gulf War)
U All per referer not rep and EM	rsons 15+ as of the end of the nce period whose marital status was ported "Never Married" EPOPSTAT = 1 S = 1:5	V V V V	2 . September 1980 to July 1990 3 . May 1975 to Ausust 1980 4 . Vietnam Era (Aug '64 - April . '75)
V V V V	0 . Not answered 1 . Yes 2 . No 6 . Don't know 7 . Refused	V V V	5 .Other service (All other .periods) 6 .Don't know 7 .Refused
Is.	2 538 rrent Armed Forces status currently in the U.S. Armed ces? This variable repeats once	active d This	1 545 DITED - When did next serve on luty? variable repeats once per wave. value is subject to change between
per betv U Adults armed f	wave. Its value is subject to change ween waves. 18 to 61 years of age and ever in forces TAGE = 18-61 and EAFEVER = 1	waves U All pers serving or EAFEV	s. sons currently serving or ever in the U. S. Armed Forces (EAFNOW=1 /ER=1)
V V V D AAFNOW	-1 . Not in universe 1 . Yes 2 . No 1 540	V V V V	0 . Not answered 1 . August 1990 to present . (including Persian Gulf War) 2 . September 1980 to July 1990 3 . May 1975_to Ausust 1980
T AF: All Allo This Its	location flag for EAFNOW ocation flag for Armed Forces status. s variable repeats once per wave. value is subject to change between	V V V V	4 . Vietnam Era (Aug '64 - April .'75) 5 . Other service (All other . periods) 8 . No other periods of service
Wave V V V	0 .Not imputed 1 .Statistical imputation (hot .deck) 2 .Cold deck imputation	D UAF3 T AF: UNED active d	1 546 DITED - When did next serve on luty?
V V V	<ol> <li>Logical imputation (derivation)</li> <li>Statistical or logical         <ul> <li>imputation using previous wave</li> <li>data</li> </ul> </li> </ol>	Its v waves U All pers	variable repeats once per wave. value is subject to change between s. sons currently serving or ever in the U. S. Armed Forces (EAFNOW=1
Di d U. S.	fetime Armed Forces status ever serve on active duty in the Armed Forces? This variable	or EAFEV V V V V	/ER=1)  0 . Not answered  1 . August 1990 to present . (including Persian Gulf War)  2 . September 1980 to July 1990
peri od V	eats once per wave. Its value is ject to change between waves.  18+ at the end of the reference TAGE = 18+  -1 . Not in universe	V V V	3. May 1975 to Ausust 1980 4. Vietnam Era (Aug '64 - April .'75) 5. Other service (All other
V V D AAFEVEI	1 . Yes 2 . No R 1 543	V V D UAF4	.periods) 8 .No other periods of service 1 547
T AF: All Allo stat per	location flag for EAFEVER ocation flag for lifetime Armed Forces	T AF: UNED active d This	OITED - When did next serve on luty? variable repeats once per wave. value is subject to change between
V V V V	0 .Not imputed 1 .Statistical imputation (hot .deck) 2 .Cold deck imputation	U All pers	sons currently serving or ever in the U. S. Armed Forces (EAFNOW=1/ER=1)  0. Not answered
V V V	3 .Logical imputation (derivation) 4 .Statistical or logical .imputation using previous wave .data	V V V V	1 . August 1990 to present . (including Persian Gulf War) 2 . September 1980 to July 1990 3 . May 1975 to Ausust 1980 4 . Vietnam Era (Aug '64 - April
D UAF1	1 544	V	. ' 75)

DATA	SIZE BEGIN	DATA	SIZE BEGIN
active d This Its v waves U All pers	variable repeats once per wave. value is subject to change between	per	ments This variable repeats once wave. Its value is subject to change ween waves.  0 .Not imputed 1 .Statistical imputation (hot .deck) 2 .Cold deck imputation 3 .Logical imputation (derivation) 4 .Statistical or logical .imputation using previous wave .data
or EAFEV V V V V V V V V V V V V V V V V V V	TER=1)  0 . Not answered 1 . August 1990 to present . (including Persian Gulf War) 2 . September 1980 to July 1990 3 . May 1975 to Ausust 1980 4 . Vietnam Era (Aug '64 - April . '75) 5 . Other service (All other . periods) 8 . No other periods of service	Was inco a VA onco char U All per referer Armed I members	teran's annual income questionnaire required to fill out an annual me questionnaire in order to receive A pension? This variable repeats e per wave. Its value is subject to nge between waves. rsons aged 15+ at the end of the cores and who have ever served in the Forces and who are NOT currently s of the Armed Forces EPOPSTAT = 1 and not equal to 1 or EAFEVER=1
D EVAYN T AF: Rece wave	2 549 cipt of payments from the VA this	V V V	-1 . Not in universe 1 . Yes 2 . No
Depar This value U All pers referenc Armed Fo members EAFNOW n	receive any payments from the timent of Veterans Affairs (VA)? variable repeats once per wave. Its is subject to change between waves. ons aged 15+ at the end of the e period who have ever served in the orces and who are NOT currently of the Armed Forces EPOPSTAT = 1, out equal to 1 or EAFEVER = 1 -1 . Not in universe 1 . Yes 2 . No	v V V V V	ocation flag for EVAQUES ocation flag for requirement to fill veterans' annual income stionnaire. This variable repeats e per wave. Its value is subject to nge between waves.  0 . Not imputed  1 . Statistical imputation (hot . deck)  2 . Cold deck imputation
Alloc payme per w	1 551 cation flag for EVAYN cation flag for receipt of VA cation flag for receipt of value is. This variable repeats once cave. Its value is subject to change cen waves.	V V V V D EAFSRVI	3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data  OI 2 558  Duse died in military or service
V V V V V V V	0 .Not imputed 1 .Statistical imputation (hot .deck) 2 .Cold deck imputation 3 .Logical imputation (derivation) 4 .Statistical or logical .imputation using previous wave .data	connect Did serv This Its wave U All per	ted injury's late spouse die while in the  vice or from a service-related injury? s variable repeats once per wave. value is subject to change between
recei per w	2 552 e of Veteran's payments type of Veteran's payments did ve? This variable repeats once ave. Its value is subject to change wen waves.	wi dowed wi dowed	l or who responded yes to "ever l" and who receives survivors ts. EPOPSTAT = 1 and (EMS = 3 or
U All pers reference Armed Fo members EAFNOW n	cons aged 15+ at the end of the see period who have ever served in the orces and who are NOT currently of the Armed Forces EPOPSTAT = 1 and set equal to 1 or EAFEVER=1 -1 . Not in universe  1 . Service-connected disability . compensation  2 . Survivor Benefits  3 . Veteran's Pension  4 . Other Veteran's Payments	D AAFSRVI T AF: All Allo serv	
T AF: Allo	ocation flag for EVETTYP action flag for type of veteran's	V V	imputation using previous wave data

DATA	SIZE BEGIN	DATA	SIZE BEGIN
D WPFINWGT T WW: Perso Final postic Its va months U All perso V 00000: 999 D ESFR T PE: Subfa This i is sul U All perso ESFTYPE=2 V V V V V V V V V V D ESFT T PE: Famil	on weight person weight Four implied decimal ons This is a monthly variable. alue is subject to change between s. ons 99999999 . Final person weight  1 571 amily relationship is a monthly variable. Its value bject to change between months. ons in subfamilies EFTYPE=3 or 2 0 . Not in universe 1 . Reference person of a rel. or . unrel. subfamily 2 . Spouse of reference person of a . rel. or unrel. subfamily 3 . Child (under 18) of reference . person of a rel. or unrel subfamily  1 572 ly type	Alloc refer varia betwe V V V	. persons in hhld 3 . Spouse of reference person 4 . Child of reference person 5 . Grandchild of reference person 6 . Parent of reference person 7 . Brother/sister of reference . person 8 . Other relative of reference . person 9 . Foster child of reference person 10 . Unmarried partner of reference . person 11 . Housemate/roommate 12 . Roomer/boarder 13 . Other non-relative of reference . person 1
This is sul U All perso V V V V V V	is a monthly variable. Its value bject to change between months. ons 0 . Primary family 1 . Secondary indiv (not a family . member) 2 . Unrelated subfamily 3 . Related subfamily 4 . Primary individual	V V V V V V V V	<ul> <li>2. Cold deck imputation</li> <li>3. Logical imputation (derivation)</li> <li>4. Statistical or logical imputation using previous wave data</li> <li>5. Longitudinal statistical imputation (hot deck)</li> <li>6. Longitudinal logical imputation (derivation)</li> </ul>
birthe last t should microo varial betwee U All perso V	as of last birthday d and imputed age as of last day. Topcoding combines persons into two single year of age groups. User d combine last two age groups for data analysis. This is a monthly ble. Its value is subject to change en months. ons  0 Less than 1 full year old 88 Number of years old	Thi s	1 579 tal status is a monthly variable. Its value lbject to change between months. sons 1 . Married, spouse present 2 . Married, Spouse absent 3 . Wi dowed 4 . Di vorced 5 . Separated 6 . Never Married
D AAGE T PE: Alloc Alloca monthl change	1 575 cation flag for TAGE ation flag for age. This is a ly variable. Its value is subject to e between months.	D AMS T PE: Allo Allo This subje V	1 580 cation flag for EMS cation flag for marital status. is a monthly variable. Its value is cct to change between months. 0 . Not imputed
V V V V V V V V V V V V V V V V V V V	0 . Not imputed 1 . Statistical imputation (hot . deck) 2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data 5 . Longitudinal statistical . imputation (hot deck) 6 . Longitudinal logical imputation . (derivation)	V V V V V V V V	<ol> <li>Statistical imputation (hot . deck)</li> <li>Cold deck imputation</li> <li>Logical imputation (derivation)</li> <li>Statistical or logical         <ul> <li>imputation using previous wave</li> <li>data</li> </ul> </li> <li>Longitudinal statistical         <ul> <li>imputation (hot deck)</li> </ul> </li> <li>Longitudinal logical imputation         <ul> <li>(derivation)</li> </ul> </li> </ol>
This i	2 576 ehold relationship is a monthly variable. Its value bject to change between months.	This is su U All pers V 101:12	on number of spouse is a monthly variable. Its value abject to change between months.

is subject to change between months. U All persons, 19 years and under TAGE  $<\,20$  for this month -1 . Not in universe 101: 1299 . Person number 9999 . Guardian not in household D APNGUARD T PE: Allocation flag for EPNGUARD
Allocation flag for person number of guardian. This is a monthly variable.
Its value is subject to change between months. 0 . Not imputed 1 . Statistical imputation (hot . deck) 2 . Gold deck imputation
3 . Logical imputation (derivation)
4 . Statistical or logical
imputation using previous wave . data 5 . Longitudinal statistical . imputation (hot deck) 6 . Longitudinal logical imputation . (deri vati on) D ETYPMOM T PE: Type of child to mother
This is a monthly variable. Its value
is subject to change between months.
U All person with a mother in the household
EPNMOM > 101 AND EPNMOM < 1299 -1. Not in universe
1. Biological or natural child
2. Stepchild
3. Adopted child D ATYPMOM 603 T PE: Allocation flag for ETYPMOM
Allocation flag for type of child to
mother, This is a monthly variable. Its value is subject to change between months. 0 . Not imputed 1 . Statistical imputation (hot . deck) 2 . Cold deck imputation
3 . Logical imputation (derivation)
4 . Statistical or logical
. imputation using previous wave
. data
5 Logical 5. Longitudinal statistical. imputation (hot deck)6. Longitudinal logical imputation . (deri vati on) D ETYPDAD T PE: Type of child to father
This is a monthly variable. Its value
is subject to change between months.
U All person with a father in the household
EPNDAD > 101 AND EPNDAD < 1299

SIZE BEGIN

DATA

DATA	SIZE	BEGI N	DATA	A S	SIZE	BEGI N	
V V V	3 . Logi	l deck imputation cal imputation (derivation) cistical or logical	V D III		. 0the		
V V	. i mpu . data	itation using previous wave	T PE	E: UNEDITE ousehold	ED VAI	RI ABLE -	Day of month left
V V V	. i mpū 6 . Ļong	gitudinal statistical Itation (hot deck) gitudinal logical imputation Pivation)	U Mo	repeats subject overs from	once to ch n hous	per wav nange be sehol ds	This variable e. Its value is tween waves. which contain sample
D RDESGPNT T PE: Designs is a second	2 gnated p the des	607 parent or guardian flag signated parent or guardian under age 18 who live in this this is a monthly	fr ho	rom a hous ouseholds. od the uni	sehol o Note verse	lwhich e: This e is not	interview, movers splits into multiple is an unedited field exact. 
housel vari al	hold? T ble. Its	This is a monthly svalue is subject to change	V			answere of mont	
betwee U All perso period. l	en month ons 15+ EPOPSTAT		D UL T PE	FTMON E: UNEDITE When did repeats	2 ED VAI I once	615 RIABLE - leave? per way	Month left household This variable e. Its value is
	1 . Yes 2 . No			subject overs from	to ch n hous	nange be sehol ds	tween waves. which contain sample
househol o	ITED VAF d	RIABLE - Main reason left	fr ho	rom a hous ouseholds.	sehol d Note	lwhich e: This	<pre>interview, movers splits into multiple is an unedited field   exact. </pre>
housel	hol d?_    1	main reason left the This variable repeats once s value is subject to change	V V			answere th of ye	
betwee U Movers fi	en waves rom hous	s. seholds which contain sample	T PE		2 ED VAI	617 RIABLE -	Day of month entered
from a household	ousehold ds. Note	ime of interview, movers lwhich splits into multiple : This is an unedited field	ПО	ousehold When did variable	l e repe	begin l eats onc	iving here? This e per wave. Its value
and the I V V		e is not exact.  answered eased	U Pe	is subje	ect to	o change	for the first time rson numbers. Note:
V V	2 . Inst 3 . On a	citutionalized active duty in the Armed	Th is	is is an 5 not exac	unedi ct. <bi< td=""><td>ted fie S&gt;</td><td>ld and the universe</td></bi<>	ted fie S>	ld and the universe
V V V	5 . Sepa	ed outside of U.S. aration or divorce	V V	1: 31	. Day	of mont	
V V V	6 . Marr 7 . Beca 8 Due	riage nne employed/unemployed tojob change - other	T PE	ENTMON E: UNEDITE Ousehold	ED <sup>2</sup> VAI	619 RIABLE -	Month entered
V V	9 . Li st 10 . Othe	ted in error in prior wave	110	When did variable	l e repe	begin l eats onc	iving here? This e per wave. Its value
V D UENTMAIN		ed to type C household 611	U Pe	is subie	ect to	) change	between waves. for the first time rson numbers. Note:
T PE: UNEDI household	ITED VAR d	RIABLE - Main reason entered	Th is	is is an s not exac	unedi ct. <bi< td=""><td>ted fie }</td><td>ld and the universe</td></bi<>	ted fie }	ld and the universe
housel per wa betwee	hold? T ave. Its en waves	main reason entered This variable repeats once s value is subject to change s.	V V V	1: 12	. Mont	answere th of ye ered bef	u ar ore reference period
U Persons o person This is a	entering ns with an unedi	g sample for the first time 200+ person numbers. Note: ted field and the universe	T PE	eference in	nonth		ed income for the
is not ex V V	xact. <bb< td=""><td>answered</td><td></td><td>for the</td><td>refei</td><td>rence mo</td><td>erson's earned income nth after topcoding. riable. Its value</td></bb<>	answered		for the	refei	rence mo	erson's earned income nth after topcoding. riable. Its value
V V V	2 . Marr 3 . Retu	riage urned to hhld after missing or more waves	U Al	is subie	ect to 5 15 +	change at the	between months. end of the reference
V V	4 . Due 5 . Fron	to separation or divorce n an institution	V	: 1500000	. None	e or not	in universe ollars
V V V	7 . From 8 . Show	n Armed Forces barracks n outside the U.S. uld have been listed as	T PE		8 proper	628 rty (ass	et) income for the
V V V V	9 . Beca 10 . Job 11 . Li ve	oer in previous wave une employed/unemployed change - other ed at this address before ble person{s} entered	mo	This is	a mor	nthly va	roperty (asset) after topcoding. riable. Its value is tween months.

U	All persons 15+ at the end of the reference period. EPOPSTAT = 1 -1500000: 1500000 . Amount in dollars
V V	-1500000: 1500000 . Amount in dollars 0 . None or not in universe
D T	TPTRNINC 7 636 PE: Total means-tested cash transfer for the reference month
	Reaggregated total means-tested cash transfer for the reference month after topcoding. This is a monthly variable. Its value is subject to change between months.
U	All persons 15+ at the end of the reference period. EPOPSTAT = 1 0 . None or not in universe
V	0 . None or not in universe 1:1500000 . Amount in dollars
D T	TPOTHINC 7 643 PE: Total person's other income for the reference month
U	Reaggregated total person's other income for the reference month after topcoding. This is a monthly variable. Its value is subject to change between months. All persons 15+ at the end of the reference period. EPOPSTAT = 1
V	0 . None or not in universe 1:1500000 . Amount in dollars
D T	TPTOTINC 8 650 PE: Total person's income for the reference month
U V V	Reaggregated total person's income for the reference month after topcoding This is a monthly variable. Its value is subject to change between months. All persons 15+ at the end of the reference period. EPOPSTAT = 1 -1500000: 1500000 . Amount in dollars 0 . None or not in universe
T U V	TPPNDIST 5 658 PE: Distributions from pension plans Reaggregated total person's distributions from IRA's, KEOGH, and 401k pension plans for the reference month after topcoding. This is a monthly variable. Its value is subject to change between months. All persons 15+ at the end of the reference period. EPOPSTAT = 1 0. None or not in universe
V D	1: 13625 . Amount in dollars  TPLUMPSM 6 663
Т	PE: Retirement lump sum payments Reaggregated total person's lump sum payments from retirement plans for the reference month after topcoding. This is a monthly variable. Its value is
V V	subject to change between months.  All persons 15+ at the end of the reference period. EPOPSTAT = 1  0 . None or not in universe 1:441300 . Amount in dollars
D T	EHTLNYN 2 669 PE: Receipt of school lunch Did get a hot lunch at school? This variable repeats once per wave. Its value is subject to change between waves.
V V	Children ages 5-18 -1 . Not in universe 1 . Yes
V	2 . No

```
D AHTLNYN
                                      671
T PE: Allocation flag for EHTLNYN
Allocation flag for receipt of school
lunch. This variable repeats once per
          lunch. This variable repeats once powers wave. Its value is subject to change between waves.
                      0 .Not imputed
1 .Statistical imputation (hot
V V V V V V V
                      . deck)
2 . Cold deck imputation
3 . Logical imputation (derivation)
4 . Statistical or logical
                          . imputation using previous wave
D EBKFSYN
                                      672
T PE: Receipt of breakfast under Fed School
   PE: Receipt of breakfast and Breakfast Prog.

Did ... get a breakfast at school under the Federal School Breakfast Program?

This variable repeats once per wave. Its value is subject to change between waves.
U Children ages 5-18
V -1 . Not in universe
V 1 . Yes
V 2 . No
D ABKFSYN 1 674
T PE: Allocation flag for EBKFSYN
    Allocation flag for receipt of school breakfast. This variable repeats once per wave. Its value is subject to change between waves.

V 0 . Not imputed
V 1 . Statistical imputation (hot . deck)
V 2 . Cold deck imputation
V
V
V
V
V
                      2 . Cold deck imputation
3 . Logical imputation (derivation)
                      4 . Statistical or logical
                          . imputation using previous wave
                          . data
D RCUTYP01
                                     675
T PE: Social Security coverage flag (ISS 1)
This is a monthly variable. Its value is subject to change between months.
U All persons
                      1 . Yes, covered
2 . No, not covered
D RCUOWN01
                                     676
                            4
T PE: Person number of the owner of the SS
    coverage
          This is a monthly variable. Its value
D RCUTYP03
T PE: Federal SSI coverage flag
This is a monthly variable. Its value
is subject to change between months.
U All persons
V 1 .Yes, covered
V 2 .No, not covered
D RCUOWNO3 4 681
T PE: Person number of the owner of the
Federal SSI coverage
          This is a monthly variable. Its value
is subject to change between months.
U All persons covered by Federal SSI. RCUTYP03
```

0 . Not in universe

DA	ATA :	SIZE	BEGI N	DA	ATA	SIZE	BEGI N
D	101: 1299  RCUTYP04 PE: State	1 SSI co		T	This is is subj All person	nl Assi s a mon ect to ns	stance coverage flag thly variable. Its value change between months.
U V V	is subjection	ect to s	change between months.  covered not covered	V V D	1 2 RCUOW21A	Yes, No,	
T U	SSI covera This is is subj All person	numbe ge a mor ect to	686 er of the owner of the State athly variable. Its value o change between months. ered by State SSI. RCUTYP04 =	U .	Assist cov This is is subj All person RCUTYP21 =	verage s a mon ect to as cove = 1 ) .Not	er of first owner of Gen withly variable. Its value of change between months. ored by General Assistance. in universe
V V	1 101: 1299	. Not . Pers	in universe on number		RCUOW21B	4	on number 709
Т	This is is subjected All person	n payn a mor ect to	ment coverage flag nthly variable. Its value o change between months.	U.	Assist cov This is is subj All person General As	verage s a mon ect to as cove ssistan ) . Not	er of second owner of Gen  withly variable. Its value of change between months. ered by two sources of ice. RCUTYP21 = 1 in universe on number
	RCUOWN8A PE: Person coverage This is	4 number a mor	691 er of the 1st owner of Vet. othly variable. Its value	T	This is	Child a mon ect to	Care coverage flag thly variable. Its value change between months.
V	All person RCUTYPO8 = 0	s cove 1 . Not	in universe				
T U	RCUOWN8B PE: Person coverage This is is subj All person veterans p	4 numbe a morect to s cove ayment	son number 695 er of the 2nd owner of Vet. athly variable. Its value o change between months. ered by two sources of cs. RCUTYPO8 = 1	T U	Care cover This is is subj All person RCUTYP23 =	n numberage s a monect to ect to s cove s 1 ) . Not	or of owner of Foster Child or of owner of Foster Child othly variable. Its value o change between months. Ored by Foster Child Care. In universe con number
V V D T	101: 1299 RCUTYP20	. Pers	in universe son number 699 n coverage flag	D T	RCUTYP24 PE: Other This is	1 welfar a mon	718 re coverage flag thly variable. Its value change between months.
	AFCD property and the second s	ogram ng in who sp vered e cove varia	coverage flag. Note: 1996 Panel Wave 9, unit becifically stated that their children only were excluded erage unit. This is a able. Its value is subject to en months.	V V D T	All person 1 2 RCUOW24A	ns . Yes, 2 . No, 4 n numbe	covered not covered 719 er of first owner of other
U V V	All person	s . Yes,	covered not covered	U.	This is is subj All person	ect to s cove	thly variable. Its value change between months. red by other welfare.
D T	coverage Person coverage Wave 9, stated only we unit.	number e Note unit that t re exc This i	700 er of the owner of the AFDC er of the owner of the AFDC er Beginning in 1996 Panel owners who specifically cheir AFDC covered children eluded from the coverage s a monthly variable. Its ect to change between	V V D T	101: 1299 RCUOW24B PE: Person welfare co This is is subj	O. Not O. Pers An number overage overage over a mon ect to as cove	othly variable. Its value change between months. ered by two sources of other
U V V	months. All person	s cove	ered by AFDC. RCUTYP20 = 1 in universe son number	V V	101: 1299	) . Not	in universe on number 727

DATA	SIZE	BEGIN
is sub U All perso	s a mor ject to ns	o change between months.
V	1 . 1es, 2 . No,	covered not covered
coverage This i	s a mor	728 er of the owner of the WIC nthly variable. Its value
V All perso	ns cove 0 .Not	o change between months. ered by W.C. RCUTYP25 = 1 in universe son number
This i is sub U All perso	s a mor ject to ns	732 coverage flag nthly variable. Its value o change between months. covered
V	2 . No,	not covered
Stamp cov	erage	733 er of the owner of the Food
is sub U All perso 1	ject to ns cove	nthly variable. Its value o change between months. ered Food Stamps. RCUTYP27 =
V V 101: 129	0 . Not 9 . Pers	in universe son number
T PE: Medic This i is sub	s a mor ject to	737 verage flag nthly variable. Its value o change between months.
U All perso	ns 1 . Yes,	covered not covered
Medi cai d	n numbe coveras	er of the owner of the
is sub	ject to	o chẳnge between months. ered by Medicaid. RCUTYP57 =
	0 . Not 9 . Pers	in universe son number
This i	h Insur s a mor	742 rance coverage flag nthly variable. Its value o change between months.
U All perso	ns 1 . Yes,	covered not covered
Insurance This i	covera	nthly variable. Its value
health in	ns cove surance 0 .Not	o change between months. ered by privately owned e. RCUTYP58 = 1 in universe
D RCUOW58B	4	son number 747
T PE: Perso Insurance	n num. covera	of second owner of Health
is sub	ject to	o change between months. ered by two or more private

```
health insurance plans. RCUTYP58 = 1
         0 . Not in universe
101: 1299 . Person number
D RENROLL 2 751
T ED: Enrolled Full/Part sometime during 4
    month period
          Was...enrolled in school, either full-time or part-time during any of the months from the first of the reference period to the end of the fourth month? This variable repeats once per wave. Its value is subject to change between
          waves.
U All persons 15+ at the end of the reference period. EPOPSTAT = 1
V -1 . Not in universe
                       1 . Enrolled full-time
2 . Enrolled part-time
3 . Not enrolled
V
V
D ARENROLL 1 753
T ED: Allocation flag for RENROLL
Allocation flag for school enrollment.
This variable repeats once per wave.
Its value is subject to change between
           waves.
                       0\ .\, Not\ imputed
                       1 . Statistical imputation (hot
                       . deck)
2 . Cold deck imputation
3 . Logical imputation (derivation)
4 . Statistical or logical
                           .imputation using previous wave
                       . data
5 . Longi tudi nal stati sti cal
                       . imputation (hot deck)
6. Longitudinal logical imputation
                           . (deri vati on)
D EENRLM
T ED: Enrollment status in this month
This is a monthly variable. Its value
is subject to change between months.

U All persons 15+ at the end of the reference period who are enrolled in school sometime during the wave includes but is not limited
    to people who attended all 4 months.

EPOPSTAT = 1 and ((RENROLL = 1 or RENROLL = 2) or RENRLMA = 1)

-1 . Not in universe
1 . Yes
2 . No
D AENRLM 1 756
T ED: Allocation flag for EENRLM
Allocation flag for enrollment status in this month. This is a monthly
           variable. Its value is subject to change
          between months.

0 . Not imputed
1 . Statistical imputation (hot
. deck)

2. Cold deck imputation
                       3 . Logical imputation (derivation)
4 . Statistical or logical
.imputation using previous wave
                             data
                       5 . Longi tudi nal stati sti cal
                       . imputation (hot deck)
6 . Longitudinal logical imputation
                           . (deri vati on)
D RENRLMA
T ED: Full period enrollment status
Was ... enrolled in school in all four
```

SIZE BEGIN

DATA

DA	ATA SIZ	E E	BEGI N	DA	ATA	SIZE	BEGIN
U V V V	per wave. between wa All persons 1 period who ar during the wa 1 or RENROLL -1 . N 1 . Y	Its ves. 5+ a e er ve. = 2) ot i es	variable repeats once value is subject to change at the end of the reference where the end of the reference rolled in school sometime EPOPSTAT = 1 and (RENROLL = n universe	T V V	AEDFUND ED: Alloca Allocat assista once pe change	tion fl ance. er wave betwee D . Not I . Stat	764 flag for EEDFUND lag for educational This variable repeats e. Its value is subject to en waves. imputed cistical imputation (hot
Т	value is s All persons 1 period who are	grad year to a year ble ubje 5+ a	759 le enrolled or grade wasenrolled? "indicates the level leademic standing, not the senrolled in college.) repeats once per wave. Its lect to change between waves. It the end of the reference leared in school sometime	V V V V V V V V	5	3 . Logi 4 . Stat . i mpu . data 5 . Long . i mpu 6 . Long	d deck imputation cal imputation (derivation) tistical or logical utation using previous wave
V V V V V V V V V V V V V V V V V V V	during the wa 1 or RENROLL: -1.N 1.E 2.H	ve. = 2) ot i leme ligh olle olle olle radu or hi orofe ocat	EPOPSTAT = 1 and (RENROLL = n universe strary grades 1-8 school grades 9-12 ge year 1 (freshman) ge year 2 (sophomore) ge year 3 (junior) ge year 4 (senior) ge year 5 (first year late or professional school) ge year 6+ (second year or gher in grad. or essional school) i onal, technical, or less school beyond high	T U	i nsuffi Waves I Pell G referen repeats subject All person who receiv EPOPSTAT =	Data qui ci ent I throu rant as s once s once t to ch ns 15+ wed edu = 1 and I . Not O . Data I . Rece	pality for this item was for public use release in 12. Didreceive Federal ssistance during the riod? This variable per wave. Its value is 13 mange between waves. 14 at end of reference period 15 at 16 EEDFUND 1 in universe 16 as 17 as 18 as 18 as 18 as 19 as 18
V	. w	nrol orki	l level led in college, but not ng towards a degree	T	study prog	gram	from college (or fed) work
D T V V V V V V V V V V V V V V V V V V	This varia value is s 0 . N 1 . S . d 2 . C 3 . L 4 . S . i . d 5 . L . i . 6 . L	n flatle	deck imputation cal imputation (derivation) stical or logical cation using previous wave tudinal statistical cation (hot deck) tudinal logical imputation	U V V V V	NOTE: 1 i nsuffi Waves 1 assista study 1 once po change All person who receiv EPOPSTAT =	Data quici ent I through through the tweed educed in the tweed educed edu	not receive 769
D	EEDFUND 2 ED: Education Were any o during the any type o financial once per w	al a of ref of ed ai d? ave.	.'s educational expenses erence period paid for by lucational assistance or This variable repeats Its value is subject to	1	SEOG, ROTO NOTE: I i nsuffi Waves I other i example ROTC, I repeats	Data quici ent Lici ent Lithrou federal e, SEOO NSF Gra s once	al Grant or Program, e.g.,  mality for this item was for public use release in ugh 12. Did receive any grant or program, for G, Health or Nursing Grant, ant? This variable per wave. Its value is
U V V	period who arduring the wais above high (RENROLL = 1 -2 -1 . No	5+ a re en ve a sch or F	that waves.  It the end of the reference in the end of the reference in the end of the reference in the end whose enrollment level in the end i		All person who receiv EPOPSTAT = -1 (	ns 15+ ved edu = 1 and 1 . Not ) . Data 1 . Rece	nange between waves. at end of reference period ucational assistance. I EEDFUND = 1 in universe a suppressed eived not receive

779 T ED: Grant/Scholarship from other source Data quality for this item was insufficient for public use release in

D EASST09

Waves 1 through 12. Did... receive a grant or scholarship from some other grant or scholarship from some other source such as a foundation, corporation, or community group, National Merit Scholarship, etc.? This variable repeats once per wave. Its value is subject to change between waves.

U All persons 15+ at end of reference period who received educational assistance.

EPOPSTAT = 1 and EEDFUND = 1

V -1 .Not in universe
V 0 .Data suppressed
V 1 .Received 1 . Received 2 . Did not receive T ED: Employer provided educational assistance
Data quality for this item was
insufficient for public use release in
Waves 1 through 12. Did ... receive
employer provided educational assistance?
This variable repeats once per wave.
Its value is subject to change between
waves waves. U All persons 15+ at end of reference period who received educational assistance. EPOPSTAT = 1 and EEDFUND = 1 -1 . Not in universe 0 . Data suppressed 1 . Received 2 . Did not receive D EASST11 T ED: Other Financial Aid excl. aid from parents, trust, etc
Data quality for this item was
insufficient for public use release in
Waves 1 through 12. Did...receive aid D AEDASST 1 785 T ED: Allocation flag for EASST01-EASST11 Allocation flag for source of educational assistance. This variable repeats once per wave. Its value is subject to 0 . Not imputed 1 . Statistical imputation (hot . deck)

2 . Cold deck imputation

3 . Logical imputation (derivation)

4 . Statistical or logical
. imputation using previous wave . data D EEDUCATE 2 786 T ED: Highest Degree received or grade completed What is the highest level of school ... has completed or the highest degree ... has received? This variable repeats once per wave. Its value is subject to change between waves.
All persons 15+ at end of reference period.
EPOPSTAT = 1

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V	-1 . Not in universe	V	. data
V V V	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	help At any	2 792 al service or welfare provided job y time since (month 1) 1st, did l services or a welfare office
V V V V	37 . 11th grade 38 . 12th grade 39 . High school graduate - high . school diploma or equivalent (for ex. GED)	provi o search you ti repeat subj eo	de job training, a Job Club, a job h program, or anything else to help ry to find a job? This variable ts once per wave. Its value is ct to change between waves.
V V V	40 . Some college but no degree 41 . Diploma or certificate from a . voc, tech, trade or bus school . beyond high school 42 . Associate degree in college -	some time excluding living windependent	e during the reference period, g persons 15-17 years old who were ith a parent and did not have a t of their own. (ELKWRK = 1) NOTE:
V	. Occupational 7vocational program 43 . Associate Degree in college Academic program	9-12 only	-1 .Not in universe
V	44 . Bachelors' degree (For example: . BA, AB, BS) 45 . Master's degree (For example:	V V	1 . Yes 2 . No
V	<ul> <li>45 . Master's degree (For example: . MA, MS, MEng, MSW, MBA)</li> <li>46 . Professional School Degree (For example: MD, DDS, DVM, LLB, JD)</li> <li>47 . Doctorate degree (For example:</li> </ul>	Alloca servi o	cation flag for EJOBSRCH ation flag for whether social ces or a welfare office provided job
V D AEDUCATE	. PhD, EdD)	trai ni progra persor	ing, a Job Club, a job search am, or anything else to help the n try to find a job. This
COMDI	cation flag for EEDUCATE ation flag for highest grade eted. This variable repeats once	variat is sul V	ble repeats once per wave. Its value bject to change between waves.  0 .Not imputed
per w betwe	vave. Its value is subject to change een waves.	V V V	1 . Statistical imputation (hot deck)
V V V	0 .Not imputed 1 .Statistical imputation (hot	V	2 .Cold deck imputation 3 .Logical imputation (derivation)
V V V V	. deck) 2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave	At any attend	2 795 ning paid by social services y time since (month 1) 1st, did you d schooling or training because l services or a welfare office paid
V V V V	. data 5 . Longitudinal statistical . imputation (hot deck) 6 . Longitudinal logical imputation	for, 1 This v value	referred, or sent you there? variable repeats once per wave. Its is subject to change between waves.
D EPDJBTHN	. (derivation)  2 789  Light during the reference period	end of th did not i	persons 15 years old and over at the he reference period (EAGE=15+), who receive help from a social services
job f other refer	ljob during the reference period have at least one job (that is, a for an employer, a business, or some work arrangement) during the ence period or interview month variable repeats once per wave. Its	(EJOBSRCI school so (RENROLL 15 to 17	re office to try to find a job II ne. 1) and who were enrolled in cometime during the reference period = 1 or 2), except persons who were years old and who were living with and who did not have a dependent of
val ue	e is subject to change between waves. Sons 15+ at end of reference period.	their own (EPNDAD=	n (that is, [(EPNMOM=101 to 1299) or 101 to 1299) or (EPNGUARD=101 to
V V V	= 1 Not in universe 1 . Yes 2 . No	EJOBTRN v V V V	nd (RDESGPNT . ne. 1). NOTE: Data for was collected in Waves 9-12 only -1 . Not in universe 1 . Yes 2 . No
refer repea	cation flag for EPDJBTHN cation flag for paid job during the cence period. This variable cts once per wave. Its value is	Alloca atteng	1 797 cation flag for EJOBTRN ation flag for whether the person ded schooling or training because
Subj e V V V	oct to change between waves.  0 .Not imputed  1 .Statistical imputation (hot    .deck)	social for, 1 This v Its va	l services or a welfare office paid referred, or sent the person there. variable repeats once per wave. alue is subject to change between
V V V	<ul><li>2 . Cold deck imputation</li><li>3 . Logical imputation (derivation)</li><li>4 . Statistical or logical . imputation using previous wave</li></ul>	waves. V V V	0 .Not imputed 1 .Statistical imputation (hot .deck)

DATA	SIZE	BEGI N	DATA	SIZE	BEGI N
V V	2 . Col 3 . Log	d deck imputation cical imputation (derivation)	V 1: 2		f jobs held during the erence period
transit Reco whet soci offi or t beca offi pers whet assi or a	istance ion de of EJ her the al servi ce to tr he perso use soci ce paid on there stance f wel fare	798 in making welfare to work  OBSRCH and EJOBTRN indicating person received help from a ces agency or a welfare y to find a job (EJOBSRCH=1) on attended school or training al services or a welfare for, referred, or sent the (EJOBTRN=1). In other words, person received any rom a social services agency to office in making the	from a repeat subject U All person V V V V D AEVERET T LF: Alloca Alloca	a job once et to cl ons 35 y 1 . Not 1 . Yes 2 . No  location f	808 d from a job retired, for any reason, r business? This variable per wave. Its value is nange between waves. years old and over in universe  810 flag for EEVERET lag for ever retired from a
variates var	able repubject to sons 15 reference was cons 1 . Not	From welfare to work. This peats once per wave. Its value to change between waves. years old and over at the end reperiod. NOTE: Data for allected in Waves 9-12 only in universe	repeat subject V V V V V	es once et to cl 0 . Not 1 . Stat 2 . Col 3 . Logi 4 . Stat	ess. This variable per wave. Its value is nange between waves. imputed tistical imputation(hot deck) d deck imputation ical imputation(derivation) tistical or logical
V D EPPFLAG	2 . No	800 ng imputation of person labor	V V D EDISABL	. data	utation using previous wave a 811
force d Fl ag data i nfo repe	ata indicat was bla rmation ats once	ring the person labor force ank and the previous wave was used. This variable e per wave. Its value is	T LF: Had a condition Does . other kind o	a physion have health or amoun	cal or mental work-limiting e a physical, mental, or condition that limits the nt of work can do?
V	- 1 . Not	change between waves. years old and over in universe or not blicable	V All perso	ons 15 -	e repeats once per wave. Its ject to change between waves. 69 years old inclusive. in universe
This Its	variabl value is	802 weeks in the reference period e repeats once per wave. s subject to change between	Alloca	cation fation f	813 flag for EDISABL lag for physical or mental
peri od. V	sons 15+ EPOPSTA -1.Not	ber of weeks in the reference	varial is sul V V	ole repe oject to 0 . Not 1 . Stat	g condition. This eats once per wave. Its value o change between waves. imputed tistical imputation(hot deck) d deck imputation
referen Thi s	R 2 ber of b ce perio variabl	804 ousi nesses owned during od e repeats once per wave.	V V V V	4 . Stat . i mpi . data	
wave U All per period	s. sons 15+ who owne the refe	a subject to change between  at the end of the reference ad one or more businesses erence period. EPOPSTAT = 1 in universe	Does . from v	mental / heal vorki ng	814 e/enting e/health condition the or condition prevent at a job or business? e repeats once per wave. Its
D EJOBCNT T LF: Num	0 . Cor : 25 . Nun R 2	tingent business ber of businesses  806 obs held during the reference	Value U All perso condition work that	ons 15 to ns 15 to which person 1 . Not	ect to change between waves. through 69 who reported a limits the kind or amount of can do. EDISABL = 1 in universe
	value is	e repeats once per wave. s subject to change between	V V D ADI SPREV	1 . Yes 2 . No	816
U All per period employe the ref	sons 15+ who had r or and erence p	at the end of the reference at least one job for an other work arrangement during period. EPOPSTAT = 1	T LF: Alloca Alloca mental varial	cation fation fl or hea ole repo	flag for EDISPREV lag work-preventing physical, alth condition. This eats once per wave. Its value
V		in universe tingent workers	V 1S Sur	o Not	o change between waves. imputed

DATA	SIZE BEGIN	DATA SIZE BEGIN
V V V V V	<ol> <li>Statistical imputation(hot deck)</li> <li>Cold deck imputation</li> <li>Logical imputation(derivation)</li> <li>Statistical or logical         <ul> <li>imputation using previous wave</li> <li>data</li> </ul> </li> </ol>	V 2 .Cold deck imputation V 3 .Logical imputation(derivation) V 4 .Statistical or logical V imputation using previous wave V data
ref. per Main the r repea	reason for not working during the riod reason did not have a job during reference period This variable ats once per wave. Its value is set to change between waves.	D EABRE 2 823 T LF: Main reason for being absent without pay There are weeks when was absent from work without pay. What was the main reason was absent without pay during those weeks? This variable repeats once per wave. Its value is subject to change between waves.
who did EPOPSTAT V	sons 15+ at end of reference period not work during reference period T = 1 and EPDJBTHN = 2 -1 .Not in universe 1 .Temporarily unable to work	U All persons 15+ at end of reference period who had a job but spent some weeks absent without pay. EPOPSTAT = 1 and EAWOP = 1  V -1 . Not in universe V 1 . On layoff (temporary or
V V V V	. hecause of an injury  2. Temporarily not able to work . because of an illness  3. Unable to work because of	V .1ndefinite) V 2 .Slack work or business V .conditions
V V V V	. chronic health condition or . disablity 4 . Retired 5 . Pregnancy/childbirth	V 4 . Own illness/injury/medical V . problems
V V V V	6 Taking care of children/other persons 7 Going to school 8 Unable to find work	V 5. Pregnancy/childbirth V 6. Taking care of children V 7. On vacation/personal days V 8. Bad weather V 9. Labor dispute V 10. New job to begin within 30 days
V V V V	9 . On layoff (temporary or .indefinite) 10 . Not interested in working at a .job	V 11 . Participated in a job-sharing V . arrangement V 12 . Other
V D ARSNOWRK T LF: Allo Alloc worki	11 . Other	D AABRE 1 825 T LF: Allocation flag for EABRE Allocation flag for reason for being absent without pay. This variable repeats once per wave. Its value is subject to change between waves.
per v	wave. Its value is subject to change een waves.  0 .Not imputed  1 .Statistical imputation(hot deck)  2 .Cold deck imputation	V 0.Not imputed V 1.Statistical imputation(hot deck) V 2.Cold deck imputation V 3.Logical imputation(derivation) V 4.Statistical or logical
V V V V	3 .Logical imputation(derivation) 4 .Statistical or logical .imputation using previous wave .data	V .imputation using previous wave V .data D EPTWRK 2 826
Was . full Satur	2 820 full-week unpaid absences from work absent from work without pay any calendar weeks from Sunday through day in the reference period?	T LF: Worked less than 35 hours some weeks During the weeks that worked at a job, were there any weeks when worked less than 35 hours? This variable repeats once per wave. Its value is subject to change between waves.
U AII pers who had and who EPDJBTHN	variable repeats once per wave. Its e is subject to change between waves. sons 15+ at end of reference period a job during the reference period was not a contingent worker.   = 1 and ECFLAG not equal 1 and	U All persons 15+ at end of reference period who had a job during the reference period.  EPOPSTAT = 1 and EPDJBTHN = 1  V -1 . Not in universe  V 1 . Yes  V 2 . No
EJOBCNTR V V V	-1 . Not in universe 1 . Yes 2 . No	D APTWRK 1 828 T LF: Allocation flag for EPTWRK Allocation flag for worked less than 35 hours some weeks. This variable
Alloc work. wave.	1 822 ccation flag for EAWOP cation flag for unpaid absenses from This variable repeats once per Its value is subject to change	repeats once per wave. Its value is subject to change between waves.  V 0 .Not imputed V 1 .Statistical imputation(hot deck) V 2 .Cold deck imputation
V V	een waves. 0 .Not imputed 1 .Statistical imputation(hot deck)	V 3.Logical imputation(derivation) V 4.Statistical or logical V .imputation using previous wave

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Allocation flag for spent time looking for work. This variable repeats once
                  for work. This variable repeats once per wave. Its value is subject to change
                  between waves.
                                   0 Not imputed
1 Statistical imputation(hot deck)
2 Cold deck imputation
3 Logical imputation(derivation)
                                    4 . Statistical or logical
                                          . imputation using previous wave
 837
  T LF: Allocation flag for ELAYOFF
Allocation flag for time spent on layoff.
This variable repeats once per wave.
Its value is subject to change between
                                    0 . Not imputed
                                    1 . Statistical imputation(hot deck)
2 . Cold deck imputation
                                    3 . Logical imputation(derivation)
4 . Statistical or logical
                                          . imputation using previous wave
D RTAKJOB 2 838
T LF: Could ... have started a job during missing weeks?
Could ... have started a job (or returned to the one he/she was laid off from) during any of those weeks? This variable repeats once per wave. Its value is subject to change between waves.
U All persons 15+ at the end of the reference period who were on layoff or who looked for work in the reference period. EPOPSTAT = 1 and ELAYOFF = 1 or ELKWRK = 1)
V -1 . Not in universe
V 0 . Not reported
V 1 . Yes
V 2 . No
D RNOTAKE 2 840
T LF: Reason couldn't start job
Why couldn't ... have started a job?
This variable repeats once per wave. Its
value is subject to change between waves.
U All persons 15+ at the end of the reference
period who were unable to start a job during
weeks on layoff or looking for work.
EPOPSTAT = 1 and RTAKJOB =0 or 2
V -1 .Not in universe
```

DATA	SIZE	BEGIN	DATA	SIZE	BEGI N
V V V V	1.Wai	reported ting for a new job to begin temporary illness ool er	peri od wh condi ti on V V	o met t s. 1 .Not <sub>.</sub>	at the end of the reference the "before worker" in universe or not icable
Did	. rece	842 n additional work sive any income from work in	D ECFLAG T LF: Flag	2	853 ting other-work-arrangement
variable is sub U All person period who or more the during the contingen and (EJOBCNTR = 1 and EBUSCNTR V	ole repose to the second of th	main job(s)? This leats once per wave. Its value loo change between waves. Its value loo change lo	l east an oth worker per wa betwee U All perso period wh condition V V D RMESR	one wee er-work ). Thi ve. Its n waves ns 15+ o met t s. 1 . Not 1 . Yes	at the end of the reference the "other-work-arrangement" in universe
V D AMOONLIT		844	This i	s a mor	status recode for month nthly variable. Its value o change between months.
T LF: Alloc Flag i EMOONI repeat	ation ndicat IT was s once	flag for EMDONLIT. ing whether the value for allocated. This variable per wave. Its value is hange between waves.	U All perso period. E V	ns 15+ POPSTAT 1 . Not 1 . With	at end of the reference
V V V V V V	0 . Not 1 . Sta 2 . Col 3 . Log 4 . Sta	imputed itistical imputation(hot deck) d deck imputation gical imputation(derivation) itistical or logical outation using previous wave	V V V V V	2 . With . from . abse 3 . With . work . abse 4 . With	n a job all month, absent n work w/out pay 1+ weeks, ence not due to layoff n job all month, absent from k w/out pay 1+ weeks, ence due to layoff n a job at least 1 but not
this mont Amount (moonl a mont	ch of in ightin chly va	845 ncome from moonlighting in ncome from this work ncome in the month. This is nciable. Its value is subject	V V V	. all . and 5 . With . week .look 6 . No j	weeks, no time on layoff no time looking for work n job at least 1 but not all ks, some weeks on layoff or king for work ob all month, on layoff or king for work all weeks.
U All perso who recei	ns 15+ ved in	etween months.  at end of reference period acome from work in addition to ring the reference period.	V V	. week . work	ob, at least one but not all as on layoff or looking for ob, no time on layoff and no
EPOPSTAT	= 1 an 0 . Non	d EMDONLIT = 1 e or not in universe	V D RWKESR1	. time	e looking for work.
D AMLMSUM T LF: Alloc Alloca moonli	1 cation ction f	850 flag for TMLMSUM lag for amount of income in this month.	T LF: Emplo This i is sub U All perso period. E	s a mor ject to ns 15+ POPSTAT	Status Recode for Week 1 athly variable. Its value of change between months. at the end of the reference $\Gamma=1$
Subject V V V V V V V V V V V V V V V V V V V	0 . Not 1 . Sta 2 . Col 3 . Log 4 . Sta	Inthly variable. Its value is change between months. imputed utistical imputation(hot deck) d deck imputation (derivation) itistical or logical outation using previous wave	V V V	1 . With 2 . With . abse 3 . With . w/ou 4 . No j	in universe i job/bus - working i job/bus - not on layoff, ent w/out pay i job/bus - on layoff, absent it pay ob/bus - looking for work or layoff
V	. dat	a		5 . No j	ob/bus - not looking and not ayoff
Flag i in the provid dates repeat	ndi cat e refer le suff they h s once	ting 'before' worker ing that the person had a job ence period but they did not icient information about the lad the job. This variable per wave. Its value is change between waves.	This i is sub U All perso period. E	s a mor ject to ns 15+ POPSTAT	859 Status Recode for Week 2 Ithly variable. Its value of change between months. at the end of the reference $\Gamma = 1$ in universe

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V V V V V V V V V	<ol> <li>With job/bus - working</li> <li>With job/bus - not on layoff,         <ul> <li>absent w/out pay</li> </ul> </li> <li>With job/bus - on layoff, absent             <ul> <li>w/out pay</li> </ul> </li> <li>No job/bus - looking for work or                  <ul> <li>not looking and not</li> <li>not layoff</li> </ul> </li> <li>absent</li> <li>w/out pay</li> <li>not looking for work or</li> <li>not looking and not</li> <li>not layoff</li> </ol>	job in mo This i is sub U All perso period. E V V	2 869 r of weeks absent without pay from nth s a monthly variable. Its value ject to change between months. ns 15+ at the end of the reference POPSTAT = 1 1 .Not in universe 0 .0 weeks (that is, not absent w .out pay from a job) 1 .1 week
T LF: Emplo This i is sub U All perso period. I	oyment Status Recode for Week 3 is a monthly variable. Its value ojject to change between months. ons 15+ at the end of the reference EPOPSTAT = 1	V V V	2 .2 weeks 3 .3 weeks 4 .4 weeks 5 .5 weeks (if applicable)
V V V V V V V V V V V V V V V V V V V	1 . Not in universe 1 . With job/bus - working 2 . With job/bus - not on layoff, . absent w/out pay 3 . With job/bus - on layoff, absent . w/out pay 4 . No job/bus - looking for work or . on layoff	absent is a m subjec V V	1 871 ation flag for RMWKSAB tion flag for number of weeks without pay from a job. This onthly variable. Its value is t to change between months. 0 .Not imputed 1 .Statistical imputation(hot deck)
V D RWKESR4 T LF: Emplo	5 . No job/bus - not looking and not on layoff  2 863  symmetr Status Recode for Week 4	V V V V	<ul> <li>2. Cold deck imputation</li> <li>3. Logical imputation(derivation)</li> <li>4. Statistical or logical <ul> <li>imputation using previous wave</li> <li>data</li> </ul> </li> </ul>
U AII perso period. I V V V V V V V V V	is a monthly variable. Its value bject to change between months.  ons 15+ at the end of the reference EPOPSTAT = 1  1. Not in universe  1. With job/bus - working  2. With job/bus - not on layoff, absent w/out pay  3. With job/bus - on layoff, absent . w/out pay  4. No job/bus - looking for work or . on layoff  5. No job/bus - not looking and not	layoff in This i is sub U All perso period wh ELKWRK in and ((ELA 2)) V	s a monthly variable. Its value ject to change between months. ns 15+ at the end of the reference o were in universe for ELAYOFF or the reference period. EPOPSTAT = 1 YOFF = 1 or 2) or (ELKWRK = 1 or 1 .Not in universe 0 .0 weeks (that is, did not look
This i	on layoff  2 865  by ment Status Recode for Week 5  is a monthly variable. Its value bject to change between months.	V V V	.for work or not on layoff) 1.1 week 2.2 weeks 3.3 weeks 4.4 weeks 5.5 weeks (if applicable)
period in V V V V	ons 15+ at the end of the reference n months with 5 weeks. EPOPSTAT = 1 -1 . Not in universe 1 . With job/bus - working 2 . With job/bus - not on layoff, . absent w/out pay 3 . With job/bus - on layoff, absent	D AWKLKG T LF: Alloc Alloca lookin monthl	1 874 ation flag for RMMKLKG tion flag for number of weeks g for work/on layoff. This is a y variable. Its value is subject to between months.
V V V V V	. w/out pay 4 . No job/bus - looking for work or . on layoff 5 . No job/bus - not looking and not . on layoff	V V V	<ul> <li>0. Not imputed</li> <li>1. Statistical imputation(hot deck)</li> <li>2. Cold deck imputation</li> <li>3. Logical imputation(derivation)</li> <li>4. Statistical or logical imputation using previous wave</li> </ul>
This i is sub U All perso period. I	2 867 er of weeks with a job in month is a monthly variable. Its value oject to change between months. ons 15+ at the end of the reference EPOPSTAT = 1 -1.Not in universe	D RMHRSWK T LF: Usual month This i	. data  2 875 hours worked per week recode in s a monthly variable. Its value
	0 .0 weeks (that is, did not have a .job) 1 .1 week 2 .2 weeks 3 .3 weeks	U All perso period. E V V V	ject to change between months.  ns 15+ at the end of the reference POPSTAT = 1  1 .Not in universe  0 .Did not work  1 .All weeks 35+  2 .All weeks 124 bound
V	4.4 weeks 5.5 weeks (if applicable)	V V V	<ul> <li>2 .All weeks 1-34 hours</li> <li>3 .Some weeks 35+ and some weeks</li> <li>.less than 35, all weeks equal</li> </ul>

DATA	SIZE BEG	IIN	DATA	SIZE	BEGI N
V V V V hours V V	4 . Some we . some 0 5 . At leas . 35+ hou 6 . At leas . weeks,	greater than 1 yeks 35+, some 1-34 hours, hours it 1, but not all, weeks urs, all other weeks 0 it 1 week, but not all 1 to 34 hours; all weeks 0 hours	V 19260101: D ASJDATE1 T JB: Alloca Alloca This v	1 . Not 2000022 1 cation fl variable alue is	in universe 28. Date 892 Flag for TSJDATE1 ag for starting date of job. e repeats once per wave. subject to change between
This i is sult is sult used to the control of the c	er of weeks s a monthl ject to ch ons 15+ at EPOPSTAT = 1 .Not in 4 .four we	in this month y variable. Its value lange between months. the end of the reference universe	V V V V V V	0 . Not 1 . Stat 2 . Colo 3 . Logi 4 . Stat . i mpu . data	
D EENO1 T JB: Acros Uni que same f repeat subjec	2 87 ss-wave emp e job numbe rom wave t ss once per et to chang	oloyer index/number or that will remain the or wave. This variable wave. Its value is ge between waves.	Range This v Its va waves.	lid this ange 192 01:12 l variable alue is	s employment end? Year digits 26:2000 Month digits 5-6 Day digits 7-8 Range 01:31 e repeats once per wave. subject to change between
who had a and who v EPOPSTAT O and ECI V 01:5	ijob duringere not considere not considered and EFFLAG not equation 1 and 10 an	uni verse	who worke not conti during th and EPDJI not equal	ed duringent vone referent The referent THN = 1 To 1 a To 1 a	at end of reference period ng the reference period, were workers, and whose job ended rence period. EPOPSTAT = 1 l and EJUBCNTR > 0 and ECFLAG and ESTLEMP1 = 2 in universe 28 . Date
This values are the state of th	working f still w ariable re llue is sub	for this employer ork for this employer? epeats once per wave. epect to change between	Alloca This v	cation f ation fl variable	901 flag for TEJDATE1 ag for ending date of job. e repeats once per wave. subject to change between
who had a and who v EPOPSTAT 0 and ECI V	ıjob durin	end of reference period g the reference period ntingent workers. JBTHN = 1 and EJOBCNTR > ual to 1 universe	Waves. V V V V V V V V	0 . Not 1 . Stat 2 . Col o 3 . Logi 4 . Stat	imputed cistical imputation(hot deck) d deck imputation cal imputation(derivation) cistical or logical utation using previous wave
works varial is sul	cation flag ntion flag for this e ole repeats oject to ch	FESTLEMP1 for whether still employer. This sonce per wave. Its value lange between waves.	What i worki r repeat subj ed	s the ring for . cs once ct to cl	902 stopped working for employer main reason stopped? This variable per wave. Its value is nange between waves.
V V V V V V	2 . Cold de 3 . Logical 4 . Statist	uted ical imputation(hot deck) ical imputation imputation(derivation) ical or logical ion using previous wave	who worke not conti during th and EPDJI not equal V	ed duringent vone reference reference to 1 a contraction for the c	at end of reference period ng the reference period, were workers, and whose job ended rence period. EPOPSTAT = 1 and EJOBCNTR > 0 and ECFLAG and ESTLEMP1 = 2 in universe
1-4 Ra Range This v Its va	lid sta unge 1926:2 01:12 Day variable re ulue is sub	of job ort this job? Year digits 000 Month digits 5-6 digits 7-8 Range 01:31 peats once per wave. Jject to change between	V V V V V V V	3 . Chi l 4 . Otho . obl i 5 . Own 6 . Own 7 . Scho	rement or old age dcare problems er family/personal gations illness injury pol/training
who worke were not	ons 15+ at ed during t contingent	end of reference period he reference period but workers. EPOPSTAT = 1 dd EJOBCNTR > 0 and ECFLAG	V 1 V 1	9.Empl 10.Empl 11.Job	charged/fired over bankrupt over sold business was temporary and ended t to take another job

DATA	SIZE BEGIN	DATA	SIZE	BEGI N
V V V V V D ARSEND1	13 . Slack work or busin . conditions 14 . Unsatisfactory work . (hours, pay, etc) 15 . Quit for some other 1 904	arrangements T JB:	Number of em About how man 's employed This variable	911 ployees at all locations y persons were employed by r at all locations together? repeats once per wave. subject to change between
T JB: Allo Allo worki varia	ocation flag for ERSEND1 cation flag for reason . ing for this employer. able repeats once per wa ubject to change between 0 .Not imputed 1 .Statistical imputat	stopped Who This work ve. Its value than waves. = 1 1 an	persons 15+ a worked at a j ters and whose one location and EJOBCNTR and EEMPLOC1 =	
V V V V V	Cold deck imputation     Logical imputation     Statistical or logical imputation using practices.      data	n V derivation) V cal V evious wave D AEMP	1 . Under 2 . 25 to 3 . 100+	r 25 employees o 99 employees employees 913
How 1 work	al hours worked per week many hours per week did at all activities at th	T JB: at this job a usually r is job?	Allocation fla Allocation fla at all location repeats once	lag for EEMPALL1 ag for number of employees ons. This variable per wave. Its value is ange between waves.
U AII pers period v period. (EJOBCN)	variable repeats once pe is subject to change be sons 15+ at the end of two had a job during the EPOPSTAT = 1 and EPDJBTTR > 0 or ECFLAG = 1)	he reference V reference V HN = 1 and V V	1 .Stati 2 .Cold 3 .Logic 4 .Stati .impu	inputed imputation(hot deck) deck imputation cal imputation(derivation) istical or logical tation using previous wave
V	-1 .Not in universe :99 .hours per week	V D. TEME	. data PSIZ1 2	914
This	ocation flag for EJBHRS1 cation flag for usual ho variable repeats once p value is subject to chan	T JB:  urs worked. er wave. ge between  U All	Employees at about how many's employed ariable repeated so subject to persons 15+	worker's location y persons are employed by r at this location? This ats once per wave. Its value change between waves. at end of reference period
V V V V V	0 .Not imputed 1 .Statistical imputat 2 .Cold deck imputatio 3 .Logical imputation( 4 .Statistical or logi .imputation using pr .data	i on(hot deck) who n EJOE derivation) V cal V	worked at a j sers. EPOPSTA BCNTR > 0 and -1 . Not j 1 . Unde	iob but were not contingent  I = 1 and EPDJBTHN = 1 and  ECFLAG not equal to 1  in universe  I 25 employees  I 99 employees  employees
l ocation Does l ocat per v	loyer operations in more	eats once v	Allocation fla Allocation fla Employed at Variable repe	916 lag for EEMPSIZ1 ag for number of persons's location. This ats once per wave. Its value change between waves.
U All pers who work workers.	sons 15+ at end of refer ked at a job but were no . EPOPSTAT = 1 and EPDJB R > 0 and ECFLAG not equ -1 . Not in universe 1 . Yes 2 . No	ence period V t contingent V THN = 1 and V	1 . Stati 2 . Cold 3 . Logic 4 . Stati	istical imputation(hot deck) deck imputation cal imputation(derivation) istical or logical tation using previous wave
D AEMPLOCI T JB: Allo Allo for e once		1 ( locations herepeats consult to very subject to very subject to very subject to very subject to the very subject to very su	Length of ting Considering now many years occupation or variable repe	917 me in this occupation's entire working life, s has been in this line of work? This ats once per wave. Its value change between waves.
V V V V V V	0 .Not imputed 1 .Statistical imputat 2 .Cold deck imputatio 3 .Logical imputation( 4 .Statistical or logi .imputation using pr	U All i on(hot deck) who n work derivation) EJOB cal Aske	persons 15+ a worked at a kers. EPOPSTA BCNTR > 0 and ed only for the	at end of reference period job but were not contingent T = 1 and EPDJBTHN = 1 and ECFLAG not equal to 1 NOTE: he main job in Wave 1 in universe

```
DATA
                                             SIZE BEGIN
                                                                                                                                                                                                DATA
                                                                                                                                                                                                                                            SIZE BEGIN
                                                                                                                                                                                             association contract? This variable repeats once per wave. Its value is subject to change between waves.

U All persons 15+ at the end of the reference period who had a job during the reference period, who were not contingent workers and who were not members of a union or employee association like a union. EPOPSTAT = 1 and EPDJBTHN = 1 and EJOBCNTR > 0 and ECFLAG not equal to 1 and EUNION1 = 2

V -1 .Not in universe

V 1 .Yes
 D AOCCTI M1
                                                                        921
D AOCCTIMI 1 921
T JB: Allocation flag for EOCCTIMI
Allocation flag for length of time in occupation. This variable repeats once per wave. Its value is subject to change between waves.
V 0 .Not imputed
V 1 .Statistical imputation(hot deck)
V 2 .Cold deck imputation
V 3 .Logical imputation(derivation)
 D ECLWRK1 2 922
T JB: Class of worker
Class of worker This variable repeats
once per wave. Its value is subject to
                                                                                                                                                                                                                                        1 . Yes
2 . No
                                                                                                                                                                                               D ACNTRC1
                                                                                                                                                                                                                                                                     930
                                                                                                                                                                                              T JB: Allocation flag for ECNTRC1
Allocation flag for coverage by union contract. This variable repeats once per wave. Its value is subject to change
                    change between waves.
 U All persons 15+ at the end of the reference period who had a job during the reference period and were not contingent workers.

EPOPSTAT = 1 and EPDJBTHN = 1 and EJOBCNTR >
                                                                                                                                                                                                                  between waves.
                                                                                                                                                                                                                                        0 . Not imputed
1 . Statistical imputation(hot deck)
                                       -1 . Not in universe
                                                                                                                                                                                               V
V
V
V
V
                                          1 . Not in universe
1 . Private for profit employee
2 . Private not for profit employee
3 . Local government worker
4 . State government worker
5 . Federal government worker
6 . Family worker without nov
                                                                                                                                                                                                                                        2 .Cold deck imputation
3 .Logical imputation(derivation)
4 .Statistical or logical
                                                                                                                                                                                                                                                . imputation using previous wave
                                           6 . Family worker without pay
                                                                                                                                                                                             D TPMSUMI 5 931

T JB: Earnings from job received in this month What was ...'s gross pay before deductions in this month? This is a monthly variable. Its value is subject to change between months.

U All persons 15+ at the end of the reference period who had a job during the reference period and were not unpaid in a family business and who had this job in or before this month. EPOPSTAT = 1 and EPDJBTHN = 1 and (EJOBCNTR > 0 or ECFLAG = 1) and (ECLWRK1 not equal 6 or (ECLWRK1 = 6 and ACLWRK1 = 1)) and (ESJDATE1 is less than or equal to the largest date in this month)

U 0. None or not in universe

U 1:50000 . Dollars amount
                                                                                                                                                                                               D TPMSUM1
 D ACLWRK1
T JB: Allocation flag for ECLWRK1
Allocation flag for class of worker.
This variable repeats once per wave. Its value is subject to change between waves.
V 0. Not imputed
V 1. Statistical imputation(hot deck)
V 2. Cold deck imputation(derivation)
                                           3 . Logical imputation(derivation)
4 . Statistical or logical
                                                  . imputation using previous wave
                                                                        925
       JB: Union/employee-association membership
On this job is ... a member of a union or
employee association like a union?
employee association like a union?

This variable repeats once per wave. Its value is subject to change between waves.

U All persons 15+ at the end of the reference period who had a job during the reference period and were not unpaid in a family business. EPOPSTAT = 1 and EPDJBTHN = 1 and (EJOBCNTR > 0 or ECFLAG = 1) and ECLWRK1 not equal to 6
                                                                                                                                                                                              D APMSUMI 1 936
T JB: Allocation flag for TPMSUMI
Allocation flag for gross pay. This
is a monthly variable. Its value is
subject to change between months.
V 0 .Not imputed
V 1 .Statistical imputation(hot deck)
V 2 .Cold deck imputation
V 3 .Logical imputation(derivation)
                                                                                                                                                                                               V
V
V
V
V
                                      -1 . Not in universe
1 . Yes
                                                                                                                                                                                                                                        3 . Logical imputation(derivation)
4 . Statistical or logical
                                                                                                                                                                                                                                                . imputation using previous wave
D AUNION1 1 927
T JB: Allocation flag for EUNION1
    Allocation flag for union membership.
    This variable repeats once per wave. Its value is subject to change between waves.
V 0.Not imputed
V 1.Statistical imputation(hot deck)
V 2.Cold deck imputation
V 3.Logical imputation(derivation)
V 4.Statistical or logical
V imputation using previous wave
V data
                                                                                                                                                                                               D EPAYHR1
                                                                                                                                                                                               T JB: Paid by the hour
                                                                                                                                                                                              Is... paid by the hour
Is... paid by the hour? This
variable repeats once per wave. Its value
is subject to change between waves.
U All persons 15+ at the end of the reference
period who had a job during the reference
period and were not unpaid in a family
business. EPOPSTAT = 1 and EPDJBTHN = 1 and
(EJOBCNTR > 0 or ECFLAG = 1) and ECLWRK1 not
equal to 6
                                                                                                                                                                                                       equal to 6
                                                   . data
                                                                                                                                                                                                                                    -1 . Not in universe
                                                                                                                                                                                                                                        1 . Yes
2 . No
 D ECNTRC1
                                                                        928
        JB: Coverage by union or employee
         association contract
                   Was ... covered by a union or employee
                                                                                                                                                                                               D APAYHR1
                                                                                                                                                                                                                                                                      939
```

T JB: Allocation flag for EPAYRRI Allocation flag for pald by the hour. This variable repeats once per wave. Its value is subject to change between waves. V V 10	DATA	SIZE BEGIN	DATA	SIZE BEGIN
value is subject to change between waves.  V 0 Not imputed  V 1 Statistical imputation(hot deck) V 2 1 Statistical imputation V 3 2 Statistical imputation V 4 3 Statistical or logical V 5 4 Statistical or logical V 6 data V 6 data V 7 data V 7 data V 7 data V 8 data V 9 data V 9 data V 1 Statistical or logical V 1 data V 2 data V 2 data V 3 Statistical or logical V 4 data V 6 Nonmetal lic min ing (10) V 1 data V 1 data V 1 data V 1 data V 1 do Metal mining (12) V 2 data V 1 do Metal mining (12) V 4 do Metal mining (12) V 6 do Metal mining (12) V 6 do Metal mining (12) V 1 do Metal mining (12) V 1 do Metal mining (12) V 1 do Metal mining (12) V 2 do Metal mining (12) V 4 do Metal mining (12) V 6 do Metal mining (12) V 1 do Metal mining (12) V 1 do Metal mining (12) V 2 do Metal mining (12) V 3 do Metal mining (12) V 4 do Metal mining (12) V 6 do Metal mining (12) V 1 do Metal mining (12) V 2 do Metal mining (12) V 3 do Metal mining (12) V 4 do Metal mining (12) V 4 do Metal mining (12) V 6 do Metal mining (12) V 1 do Metal mining (12) V 1 do Metal mining (12) V 2 do Metal mining (12) V 3 do Metal mining (12) V 4 do Metal mining (12) V 5 do Metal mining (12) V 6 do Metal mining (12) V 1 do Metal mining (12) V 2 do Metal mining (12) V 3 do Metal mining (12) V 4 do Metal mining (12) V 4 do Metal mining (12) V 5 do Metal mining (12) V 6 do Metal mining (12) V 1 do Metal mining (12)	Alloc	ation flag for paid by the hour.	V	20 . Landscape and horticultural
V 1. Statistical imputation(hot deck) V 2. Cold deck imputation V 3. Logical imputation(derivation) V 3. Logical imputation(derivation) V 3. Logical imputation(derivation) V 3. Statistical or logical V 4. Statistical or logical V 5. W 2. Cold deck imputation U 5. Statistical imputation U 6. Statistical or logical V 6. Statistical or logical V 7. W 1. Statistical or logical V 8. W 1. Statistical or logical V 9. W 1. Statistica	val ue	is subject to change between waves.	V V	30 . Agri cul tural servi ces, . n. e. c. (071, 072, 075, 076)
V 4. Statistical or logical V alimputation using previous wave V 1. imputation using previous wave V 2. Old and all mining (12) V 30. Nonmetallic mining and construction (13) V 31. Segular hourly pay rate Waves. U All persons 15+ at the end of the reference period who had a job during the reference period waves. V 100:300. Bollars and cents (two implied V of the reference period with the period concept of the reference period with a period concept of the reference period with the period concept of the reference period with the period concept of the reference period concept of payment at job of the reference period concept of payment at job of the reference period concept of payment at job of the reference period concept of payment at job of the reference period concept of payment at job of the reference period concept of payment at job of the reference period concept of payment at job of the reference period concept wave. It is all products (239) of the reference period concept wave the period of the reference period concept wav	V V	2 . Cold deck imputation	V	31 . Forestry (08) 32 . Fi shi ng, hunti ng, and
D TPYRATEI 4 940  T JB: Regul ar hourly pay rate What is's regular hourly pay rate? This variable repeats once per wave. What is's regular hourly pay rate? This variable repeats once per wave. This variable repeats once per wave. Waves. U All persons 15+ at the end of the reference period who had a job during the reference period who had a job during the reference period who had a job during the reference period. Were not unpaid in a family business, and who were paid by the hour. EPOPSTAT = 1 and EPDJBTIN = 1 and (EJDBCNTR > 0 or EFLEAG = 1) and EPAVRRI = 1 V 001: 3000 boll ars and cents (two implied decimals) V 001: 3000 boll ars and cents (two implied varied in the period wave waves. V 001: 3000 boll ars and cents (two implied varied in the period varied var	V	4 . Statistical or logical	V	40 Metal mining (10)
T JB: Regul ar hourly pay rate What is's regular hourly pay rate? This variable repeats once per wave. Its value is subject to change between V aves.  U All persons 15+ at the end of the reference period who had a job during the reference period. EPOPSTAT = 1 and EPOLBTIN = 1 and (EJOBCNTR V OOI: 3000 Dollars and cents (two implied V OOI: 3000 Dollars and cents (two implied V OOI: 3000 Dollars and cents (two implied V OII: 3000 Dollars and cents (two i	V		V V	42 . Oil and gas extraction (13) 50 . Nonmetallic mining and
Its value is subject to change between V All persons 15+ at the end of the reference period who had a job during the reference period, were not unpaid in a family V Dusiness, and who were paid by the hour PROSTATE 1 and EPDATER 1 and EPDATER 1 poducts (206) Persons 15+ and PROSTATE 1 poducts (206) Persons 15+ and EPDATER 1 poducts (206) Persons 15+ and Persons 15+ and Persons 15+ at the end of the reference period who had a job during the reference period who had a job during the reference period who had a job during the reference volume and printing publishing and (ELOBCNTR V poducts (208) Persons 15+ at the end of the reference volume and printing publishing and (ELOBCNTR V poducts (208) Persons 15+ at the end of the reference volume and printing publishing and printing (271) Persons 15+ at the end of the reference volume and printing publishing and (ELOBCNTR V poducts (208) Persons 15+ at the end of the reference volume and printing (271) Persons 15+ at the end of the reference volume and printing publishing and printing publishing and printing publishing and eligible products (284) Persons 15+ at the end of the reference volume and printing publishing and printing publishing and printing publishing and eligible products (285) Persons 15+ at the end of the reference volume and printing publishing and printing publishing and eligible products (285) Persons 15+ at the end of the reference volume period who had a pob during the reference volume period who had a pob during the reference volume period who had a pob during the reference volume	T .JB: Regu	lar hourly pay rate	V	. quarrying, except fuel (14) 60 . Construction (15, 16, 17)
Waves.  U All persons 15+ at the end of the reference period who had a job during the reference period who had a job during the reference visualizations and who were paid by the hour. PEPOESTAT = 1 and EPDJETHN = 1 and (EJOBCNTR visualization) = 1 and (EJOBCNTR vi	Its v	alue is subject to change between	V V	101 . Dai ry products (202) 102 . Canned, frozen and preserved
Dusiness, and who were paid by the hour.  EPOPSTAT = 1 and EPDJBTHN = 1 and (EJOBCNTR V O . Not in universe or none V Ool: 3000 . Boll ars and cents (two implied V Color in universe or none V Ool: 3000 . Boll ars and cents (two implied V Color in universe or none V Color in universe Color in universe Color in	U All pers	ons 15+ at the end of the reference	V	. Fruits and vegetables (203) 110 Grain mill products (204)
EPOPSIAI = 1 and EPDBHN = 1 and (EJOBCNIK V 0 0 Not in universe or none V 001:3000 Doll ars and cents (two implied V 001:3000 Doll ars and cents (two implied V 122 Not specified food industries (208) Products (207, 209) 122 Not specified food industries 130 Nobacco manufactures (21) 131 Allocation flag for TPYRATE1 V 132 Not it gmills (225) 130 APYRATE1 1 944 130 Nobacco manufactures (21) 132 Not it gmills (225) 130 Nobacco manufactures (21) 132 Not it gmills (225) 130 Nobacco manufactures (21) 132 Not it gmills (225) 130 Nobacco manufactures (21) 132 Not it gmills (225) 130 Nobacco manufactures (21) 132 Not it gmills (225) 130 Nobacco manufactures (21) 132 Not it gmills (225) 130 Nobacco manufactures (21) 132 Not it gmills (225) 130 Nobacco manufactures (21) 132 Not it gmills (225) 130 Nobacco manufactures (21) 132 Not it gmills (225) 130 Nobacco manufactures (21) 132 Not it gmills (225) 130 Nobacco manufactures (21) 132 Nobacco manufactures (21) 132 Nobacco manufactures (21) 132 Not it gmills (225) 130 Nobacco manufactures (21) 132 Nobacco manufactures (21) 132 Not it gmills (225) 130 Nobacco manufactures (21) 132 Nobacco manu	period, v	were not unpaid in a family	V V	111 . Bakery products (203) 112 . Sugar and confectionery . products (206)
V Ool:3000 . Bollars and cents (two implied V decimals) V decimals) V decimals) V decimals) V decimals) V decimals) V decimals V decimals) V decimals V de	> 0 or E	T = 1 and EPDJBTHN = 1 and (EJUBCNTR CFLAG = 1) and EPAYHR1 = 1	V V	121 . Miscellaneous food
D APVRAIES 1 944  I JB: Allocation flag for TPYRATES Allocation flag for amount of hourly pay vate. This variable repeats once per wave. Its value is subject to change between waves.  V 0 Not imputed V 12. Cold deck imputation (hot deck) V 2. Cold deck imputation V 2. Cold deck imputation V 3. Logical imputation (derivation) V 3. Logical imputation (derivation) V 4. Statistical or logical V 4. Statistical or logical V 5. Imputation using previous wave V 5. Imputation using previous wave V 7. Imputation using previous wave V 8. Imputation using previous wave V 9. I	V 001: 30	000 .Dollars and cents (two implied	V	preparations and kindred products (207, 209)
T JB: Allocation flag for TPYRATEI Allocation flag for amount of hourly pay rate. This variable repeats once per wave. Its value is subject to change between waves.  V O. Not imputed V 141. Carpets and rugs (227) between waves.  V O. Not imputed V 142. Yarn, thread, and fabric mills (221-224, 228)  V O. Not imputed V 1521-224, 228)  V O. Not imputation (hot deck) V 150. Miscel aneous textile mill products (229)  V O. Alstatistical imputation (v 151-238)  V O. Alstatistical or logical V 151. Apparel and accessories, except knit (231-238)  V O. Alstatistical or logical V 1521-238  V O. Alstatistical or logical V 1531. Apparel and accessories, except knit (231-238)  V O. Alstatistical or logical V 151. Apparel and accessories, except knit (231-238)  V O. Pulp, paper, and paperboard mills (261-263)  D RPYPER1 2 945  T JB: Frequency of payment at job How often was paid at this job?  This variable repeats once per wave. Its value is subject to change between waves.  V All persons 15+ at the end of the reference period who had a job during the reference period who had a job during the reference V 1521. Apparel and excessories, except knit (231-238)  V O. Pulp, paper, and paperboard mills (261-263)  V O. Pulp, paper, and paperboard mills (267)  In Nscellaneous paper and pulp products (267)  In Nscellaneous paper and pulp products (267)  V O. Pulp, paper, and paperboard mills (261-263)  V O. Pulp, paper, and paperboard mills (261-263)  V O. Pulp, paper and pulp products (267)  V O. Pulp, paper, and paperboard mills (261-263)  V O. Pulp, paper, and paperboard mills (261-263)  V O. Pulp, paper, and paperboard mills (261-263)  V O. Pulp, paper, and pulp products (267)  V O. Pulp, p			V V V	130 . Tobacco manufactures (21) 132 . Knitting mills (225)
rate. Inis value is subject to change wave. Its value is subject to change between waves. V 0 Not imputed V 1 Statistical imputation(hot deck) V 2 Cold deck imputation V 3 Logical imputation(derivation) V 4 Statistical or logical V imputation using previous wave V ISS Execept knit (231-238) V IBS Frequency of payment at job How often was paid at this job? This variable repeats once per wave. V ISS Execution IS	T JB: Allo	cation flag for TPYRATE1 cation flag for amount of hourly pay	V V	140 . Dyeing and finishing . textiles, except wool and
V 0. Not imputed V 1. Statistical imputation(hot deck) V 1. Statistical imputation (but deck) V 2. Cold deck imputation V 2. Cold deck imputation V 3. Logical imputation (derivation) V 3. Logical imputation (derivation) V 1. Apparel and accessories, except knit (231-238) V 1. Imputation using previous wave V 1. Apparel and accessories, except knit (231-238) V 1. Imputation using previous wave V 1. Apparel and accessories, except knit (231-238) V 1. Imputation using previous wave V 1. Imputatio	rate. wave.	Its value is subject to change	V	. knit goods (226) 141 . Carpets_ and_rugs_(227)
V 2. Cold deck imputation V 3. Logical imputation(derivation) V 4. Statistical or logical V 4. Statistical or logical V 3. Logical imputation using previous wave V 4. Statistical or logical V 3. Logical imputation using previous wave V 4. Statistical or logical V 3. Logical imputation V 4. Statistical or logical V 5. Imputation using previous wave V 5. Imputation using previous wave V 6. Imputation using previous wave V 7. Imputation using previous wave V 8. It is products (239) V 9. It is products (239) V 160. Pulp, paper, and paperboard In ils (261-263) In il		O . Not imputed	V	. mills (221-224, 228)
V 4. Statistical or logical V imputation using previous wave V inputation using previous (239)  160 Pulp paper, and paperboard intextile products (236)  161 Miscellaneous paper and pulp inputation in ils (261-263)  162 Paperboard containers and inputation in ils (261-263)  161 Miscellaneous paper and pulp inputation in ils (267)  162 Paperboard containers and inputation in ils (267)  162 Paperboard containers and inputation in ils (267)  163 Paperboard containers and inputation in ils (267)  164 Paperboard containers and inputation in ils (267)  165 Paperboard containers and inputation in ils (267)  167 Paperboard containers and inputation in ils (267)  168 Paperboard containers and inputation in ils (267)  169 Paperboard containers and inputation in ils (267)  169 Paperboard containers and inputation in ils (267)  160 Paperboard containers and inputation in ils (267)  161 Miscellaneous paper and p	V V	2 . Cold deck imputation	V V	. products (229)
D RPYPER1 2 945 V 160 . Pulp, paper, and paperboard mills (261-263)  T JB: Frequency of payment at job	V	4 . Statistical or logical .imputation using previous wave		. except knit (231-238) 152 . Miscellaneous fabricated
T JB: Frequency of payment at job How often was paid at this job? This variable repeats once per wave. Its value is subject to change between waves.  U All persons 15+ at the end of the reference period who had a job during the reference period EPOPSTAT = 1 and EPDJBTHN = 1 and (EJOBCNTR > 0 or ECFLAG = 1) V -1 . Not in universe V -1 . Once a week V -2 . Once every two weeks V -3 . Once every two weeks V -3 . Once a month V -5 . Unpaid in a family business or V - farm V - farm V - farm V - Some other way V - T JB: Industry code This variable repeats once per wave. U - Tires and inner tubes (301) Table 10 - Pastics for the particular of the products, and college and inner tubes (301) Tires and inner tubes (301)	•		V	160 . Pulp, paper, and paperboard
Value is subject to change between waves.  U All persons 15+ at the end of the reference period who had a job during the reference veriod. EPOPSTAT = 1 and EPDJBTHN = 1 and (EJOBCNTR > 0 or ECFLAG = 1)  V	T JB: Freq	uency of payment at job	V V	161 . Miscellaneous paper and pulp
V -1 Not in universe V .newspapers (272-279) V 1 Once a week V 180 .Plastics, synthetics, and Plastics, synthetics, and resins (282) V 2 Once every two weeks V .resins (282) V 3 Once a month V 181 .Drugs (283) V 4 .Twice a month V 182 .Soaps and cosmetics (284) V 5 .Unpaid in a family business or V 190 .Paints, varnishes, and relproducts (285) V 6 On commission V 191 .Agricultural chemicals (287) V 7 .Some other way V 192 .Industrial and miscellaneous Chemicals (281, 286, 289) V 8 .Not reported V 200 .Petroleum refining (291) D EJBIND1 3 947 V 201 .Miscellaneous petroleum and Coal products (295, 299) This variable repeats once per wave. V 211 .Tires and inner tubes (301) Its value is subject to change between v 211 .Other rubber products, and plastics footwear and	val ue	e is subject to change between waves.	V	. boxes (265)
V -1 Not in universe V .newspapers (272-279) V 1 Once a week V 180 .Plastics, synthetics, and Plastics, synthetics, and resins (282) V 2 Once every two weeks V .resins (282) V 3 Once a month V 181 .Drugs (283) V 4 .Twice a month V 182 .Soaps and cosmetics (284) V 5 .Unpaid in a family business or V 190 .Paints, varnishes, and relproducts (285) V 6 On commission V 191 .Agricultural chemicals (287) V 7 .Some other way V 192 .Industrial and miscellaneous Chemicals (281, 286, 289) V 8 .Not reported V 200 .Petroleum refining (291) D EJBIND1 3 947 V 201 .Miscellaneous petroleum and Coal products (295, 299) This variable repeats once per wave. V 211 .Tires and inner tubes (301) Its value is subject to change between v 211 .Other rubber products, and plastics footwear and	period w	ons 15+ at the end of the reference ho had a job during the reference	V	1/1 . Newspaper publishing and . printing (271) 172 Printing publishing and
V 2. Once every two weeks V . resins (282) V 3. Once a month V 181. Drugs (283) V 4. Twice a month V 182. Soaps and cosmetics (284) V 5. Unpaid in a family business or V 190. Paints, varnishes, and rel. V . farm V . products (285) V 6. On commission V 191. Agricultural chemicals (287) V 7. Some other way V 192. Industrial and miscellaneous vehemicals (281, 286, 289) V 8. Not reported V 200. Petroleum refining (291) D EJBIND1 3 947 V 201. Miscellaneous petroleum and coal products (295, 299) This variable repeats once per wave. V 210. Tires and inner tubes (301) Its value is subject to change between v 211. Other rubber products, and waves.	(EJOBCNT	R > 0 or ECFLAG = 1) -1 .Not in universe		. allied industries, except
V 4. Twice a month V 182. Soaps and cosmetics (284) V 5. Unpaid in a family business or V 190. Paints, varnishes, and rel. V 6. On commission V 191. Agricultural chemicals (287) V 7. Some other way V 192. Industrial and miscellaneous Chemicals (281, 286, 289) V 8. Not reported V 200. Petroleum refining (291) D EJBIND1 3 947 V 201. Miscellaneous petroleum and Coal products (295, 299) This variable repeats once per wave. Its value is subject to change between V 211. Tires and inner tubes (301) Waves.	V	1 . Once a week 2 . Once every two weeks	V	. resi ns (282)
V farm V products (285) V 6 . On commission V 191 . Agricultural chemicals (287) V 7 . Some other way V 192 . Industrial and miscellaneous chemicals (281, 286, 289) V 200 . Petroleum refining (291) D EJBIND1 3 947 V 201 . Miscellaneous petroleum and coal products (295, 299) This variable repeats once per wave. V 210 . Tires and inner tubes (301) Its value is subject to change between v 211 . Other rubber products, and waves.	V V V	4 . Twi ce a month	V	182 Soaps and cosmetics (284)
V 7. Some other way V 8. Not reported V 200. Petrol eum refin in g (291) D EJBIND1 3 947 V 201. Miscel laneous petrol eum and T JB: Industry code This variable repeats once per wave. Its value is subject to change between V 211. Other rubber products, and waves. V 192. Industrial and miscel laneous chemicals (281, 286, 289) V 200. Petrol eum refin in g (291) V 201. Miscel laneous petrol eum and coal products (295, 299) V 211. Other rubber products, and vaves.	V	. farm	V	. products (285) 191 . Agricultural chemicals (287)
D EJBIND1 3 947  T JB: Industry code  This variable repeats once per wave.  Its value is subject to change between  W 201 .Miscellaneous petroleum and .coal products (295, 299)  210 .Tires and inner tubes (301)  211 .Other rubber products, and .plastics footwear and .plastics footwear and .coal products (295, 299)  212 .Tires and .plastics footwear and .plastics footwear and .coal products (295, 299)  213 .Tires and .plastics footwear and .plastics footwear and .coal products (295, 299)	V	7 . Some other way		192 . Industrial and miscellaneous . chemicals (281, 286, 289)
This variable repeats once per wave.  Its value is subject to change between  Waves.  V 210 .Tires and inner tubes (301) 211 .Other rubber products, and V plastics footwear and		3 947	V	201 . Miscellaneous petroleum and
waves. V . plastics footwear and	This Its v	variable repeats once per wave. value is subject to change between	V	210 . Tires and inner tubes (301) 211 . Other rubber products, and
U All persons 15+ at the end of the reference V .belting (302-306) period who had a job during the reference V 212 .Miscellaneous plastics	U All pers	ons 15+ at the end of the reference	V	. plastics footwear and . belting (302-306) 212 . Miscellaneous plastics
period. EPOPSTAT = 1 and EPDJBTHN = 1 and V . products (308) (EJOBCNTR > 0 or ECFLAG = 1) V 220 . Leather tanning and	peri od. (EJOBCNT	EPOPSTAT = 1 and EPDJBTHN = 1 and TR > 0 or ECFLAG = 1)	V V	. products (308) 220 . Leather tanning and
V -1.Not in universe V .finishing (311) V 10.Agricultural production. V 221.Footwear, except rubber and	V	-1 . Not in universe 10 . Agricultural production,	V V	. finishing (311) 221 . Footwear. except rubber and
V       . crops (01)       V       . plastic (313, 314)         V       11 . Agriculturl production,       V       222 . Leather products, except         V       . livestock (02)       V       . footwear (315-317, 319)	V V V	11 . Agriculturl production,	V	. plastic (313, 314) 222 . Leather products, except . footwear (315-317, 319)

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V	230 . Loggi ng (241)	V	. vehicles, and parts (376)
V V	231 Sawmills, planing mills, and	V V	370 . Cycles and miscellaneous . transportation equipment
V	. millwork (242, 243) 232 . Wood buildings and mobile	V	. (375, 379)
V V	. homes (245) 241 . Miscellaneous wood	V V	371 . Scientific and controlling . instruments (381, 382
V	products (244, 249)	V	. except 3827)
V V	242 Furniture and fixtures (25) 250 Glass and glass	V V	372 . Medical, dental, and optical .instruments and supplies
V V	. products (321-323)	V V	. (3827, 384, 385)
V	251 .Cement, concrete, gypsum, and .plaster products (324, 327) 252 .Structural clay	V	380 . Photographic equipment and . supplies (386)
V V	252 . Structural clay	V V	381 . Watches, clocks, and . clockwork operated devices
V	products (325) 261 Pottery and related	V	. (387)
V V	.products (326) 262 .Miscellaneous nonmetallic	V V	390 . Toys, amusement, and sporting . goods (394)
V V	. mineral and stone	V V	391 . Miscellaneous manufacturing
V	. products (328, 329) 270 . Blast furnaces, steelworks,	V	.industries (39 except 394) 392 .Not spec manufacturing
V V	.rolling and finishing .mills (331)	V V	. i ndustri es 400 . Rai l roads (40)
V	271 . Iron and steel	V	401 . Bus service and urban transit
V V	. foundries (332) 272 . Primary aluminum	V V	. (41, except 412) 402 . Taxi cab servi ce (412)
V	. i ndustri es (3334,	V	410 . Trucki ng servi ce (421, 423)
V V V	. part 334, 3353-3355, . 3363, 3365)	V V	411 . Warehousing and storage (422) 412 . U. S. Postal Service (43)
V V	280 .Other primary metal	V V	420 . Water transportation (44) 421 . Air transportation (45)
V	.industries (3331, 3339, part .334, 3351, 3356-57,	V	422 . Pipe lines, except natural
V V	. 3364, 3366, 3369, 339) 281 Cutlery handtools and	V V	gas (46) 432 Services incidental to
V	281 . Cutlery, handtools, and . general hardware (342) 282 . Fabricated structural metal	V	. transportation (47)
V V	. products (344)	V V	440 . Radio and television . broadcasting and
V	290 . Screw machine products (345)	V V	. cabl e (483, 484)
V V	291 . Metal forgings and . stampings (346)	V	441 . Tel ephone communications . (481)
V V	292 .Ordnance (348) 300 .Misc fabricated metal	V V	442 . Telegraph and miscellaneous . communications services (482,
V	. products (341, 343, 347, 349)	V	. 489)
V V	301 . Not specified metal . industries	V V	450 .Electric light and power .(491)
V V	310 . Engi nes and turbi nes (351) 311 . Farm machi nery and	V V	451 . Gas and steam supply systems
V	. equi pment (352)	Ÿ	. (492, 496) 452 . Electric and gas, and other
V V	312 . Construction and material . handling machines (353)	V V	.combinations (493) 470 .Water supply and irrigation
V	320 Metalworking machinery (354)	Ÿ	. (494, 497)
V V	321 . Office and accounting . machines (3578, 3579)	V V	471 .Sanitary services (495) 472 .Not specified utilities
V V	322 . Computers`and rel equi pment (3571-3577)	V V	500 . Motor Vehicles and equipment
V	331 . Machinery, except electrical, . n. e. c. (355, 356, 358, 359)	V	. (501) 501 . Furni ture and home
V V	. n. e. c. (355, 356, 358, 359) 332 . Not specified machinery	V V	. furnishings (502) 502 . Lumber and construction
<u>V</u>	340 . Household appliances (363)	V	. materials (503)
V V V	341 . Radio, TV, and communication . equipment (365, 366)	V V	510 . Professional and commercial . equipment and supplies (504)
V	342 . Electrical machinery,	V V	511 . Metals and minerals, except
V	. equi pment,and supplies, . n. e. c. (361,362,364,	V	. petrol eum (505) 512 . El ectri cal goods (506)
V	367, . 369) 350 . Not specified electrical	V V	521 . Hardware, plumbing and . heating supplies (507)
<u>V</u>	. machi nery, equi pment, and	V	530 . Machinery, equipment, and
V V	. supplies 351 . Motor vehicles and motor	V V	. supplies (508) 531 . Scrap, and waste materials
V V V V V V V V V V V V	. vehicle equipment (371)	V V	. (5093)
V	352 . Ai rcraft and parts (372) 360 . Shi p and boat building and	V	532 . Mi scellaneous wholesale, . durable goods (509 except
V V	. repairing (373) 361 . Railroad locomotives and	V V	. 5093) 540 . Paper and paper products
V V	. equi pment (374)	V	. (511)
V	362 .Gui ded missiles, space	V	541 .Drugs, chemicals and allied

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V	. products (512, 516)	V V	. 606) 702 - Credit agencies n. c. (61)
V	542 Apparel, fabrics, and notions (513)	V	702 . Credit agencies, n. e. c. (61) 710 . Security, composity
V V	550 . Groceries and related . products (514)	V V	. brokerage, and investment . companies (62, 67) 711 . Insurance (63, 64)
V V	551 Farm product raw materials . (515)	V V	712 . Real estate, including real
V V	552 . Petroleum products (517) 560 . Alcoholic beverages (518)	V V	. estate-insurance offices (65) 721 . Advertising (731)
V V	561 . Farm supplies (5191) 562 . Misc wholesale, nondurable	V V	722 . Services to dwellings and . other buildings (734)
V V	goods (5192-5199) 571 Not specified wholesale trade	V V	731 . Personnel supply services . (736)
Ÿ	580 Lumber and building material	V V	732 . Computer and data processing
V V	retailing (521, 523) 581 Hardware stores (525)	V	services (737) 740 Detective and protective
V V	582 . Stores, retail nurseries and . garden (526)	V V	. services (7381, 7382) 741 . Business services, n. e. c.
V V	590 . Mobile home dealers (527) 591 . Department stores (531)	V V	. (732, 733, 735, 7383-7389) 742 . Automotive rental and
V V	592 . Variety stores (533) 600 . Stores, misc general	V V	.leasing, w/out drivers (751) 750 .Automotive parking and
V	merchandi se (539) 601 Grocery stores (541)	V V	. carwashes (752, 7542) 751 . Automotive repair and rel.
V V	602 Stores, dairy products (545) 610 Retail bakeries (546)	V V	services (753, 7549) 752 . Electrical repair shops (762,
V	611 . Food stores, n. e. c. (542,	V	. 7694)
V	. 543, 544, 549) 612 . Motor vehicle dealers (551,	V V	760 . Misc repair services (763, . 764, 7692, 7699)
V	. 552) 620 . Stores, auto and home supply	V V	761 . Private Households (88) 762 . Hotels and motels (701)
V V	. (553) 621 . Gasoline service stations	V V	770 . Lodging places, except hotels . and motels (702, 703, 704)
V V	. (554) 622 . Mi scellaneous vehicle dealers	V V	771 Laundry, cleaning, and
V V	. (555, 556, 557, 559) 623 . Stores, apparel and	V V	. part 7219) 772 . Beauty shops (723)
V V	. accessory, except shoe (56,	V V	/8U . Barber Shops (/24)
V	except 566) 630 Shoe stores (566)	V	781 . Funeral service and . crematories (726) 782 . Shoe repair shops (725)
V V	631 . Stores, furniture and home . furnishings (571)	V V	790 . Dressmaking shops (part 7219)
V V	632 . Stores, household appliance . (572)	V V	791 . Misc personal services (722, . 729)
V V	633 . Stores, radio, TV, and . computer (5731, 5734)	V V	800 . Theaters and motion pictures . (781-783, 792)
V V	640 . Music stores (5735, 5736) 641 . Eating and drinking places	V V	801 . Video tape rental (784) 802 . Bowling centers (793)
V V	. (58) 642 . Drug stores (591)	V V	810 . Mi scellaneous entertainment . and recreation services (791,
V V	650 . Li quor stores (592)	V V	812 . Physicians offices and
V	651 . Stores, sporting goods, . bicycles, and hobby (5941,	Ÿ	.clinics (801, 803)
V V	. 5945, 5946) 652 . Stores, book and stationery . (5942, 5943)	V V	820 . Dentists offices and clinics . (802) 821 . Chiropractors offices and
V V	660 . Jewelry stores (5944)	V V	. clinics (8041)
V V	661 .Gift, novelty, and souvenir shops (5947)	V V	822 . Optometrists offices and . clinics (8042)
V V	662 . Sewing, needlework and piece	V V	830 . Health practitioners offices . and clinics, n.e.c. (8043,
V	goods stores (5949) 663 . Catalog and mail order houses . (5961)	V V	. 8049) 831 . Hospitals (806)
V V	670 . Vending machine operators	V V	832 . Nursing and personal care
V	. (5962) 671 . Direct selling establishments	V	facilities (805) 840 . Health services, n. e. c. (807,
V V	. (5963) 672 . Fuel deal ers (598)	V V	. 808, 809) 841 . Legal services (81)
V V	681 . Retail florists (5992) 682 . Stores, Miscellaneous retail . (593, 5948, 5993-5995, 5999)	V V	842 Elementary and secondary schools (821)
V V	. (593, 5948, 5993-5995, 5999) 691 . Not specified retail trade	V V	850 . Colleges and universities . (822)
V V	700 . Banki ng (60 except 603 and . 606)	V V	851 . Vocational schools (824) 852 . Libraries (823)
V V	701 . Savings institutions, . including credit unions (603,	V V	860 . Educational services, n. e. c. . (829)
٧	. Ther during credit dill ons (003,	٧	. (U&U)

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V	861 . Job training and vocational . rehabilitation services (833)	V V	5 . Administrators and officials, . public administration (1132-
V V	862 . Child day care services (part . 835)	V V	. 1139) 6 . Administrators, protective
V V	863 . Family child care homes (part . 835)	V V	. services (1131) 7 . Financial managers (122)
V	870 . Residential care facilities,	Ÿ	8 . Personnel and labor relations
V V	. w/out_nursing (836) 871 . Social_services, n. e. c. (832,	V V	. managers (123) 9 . Purchasi ng managers (124)
V V	. 839) 872 . Museums, art galleries, and	V V	13 . Managers, marketing, . advertising, and public
V	. zoos (84)	V V	relations (125) 14 . Admin, education and rel.
V V	873 . Labor unions (863) 880 . Religious organizations (866)	V	. fields (128)
V V	881 . Membērshi p organi zati ons, . n. e. c. (861, 862, 864, 865,	V V	15 . Managers, medicine and health . (131)
V V	. 869) 882 . Engi neeri ng, archi tectural,	V V	17 Managers, food serving and .lodging establishments (1351)
V V V	and surveying services (871)	V V	18 . Managers, properties and real
V	890 . Accounting, auditing, and bookkeeping services (872)	V	. estate (1353) 19 . Funeral directors (part 1359)
V V V	891 . Research, development, and . testing services (873)	V V	21 . Managers, service . organizațions, n. e. c. (127,
V V	892 Management and public relations services (874)	V V	. 1352, 1354, part 1359) 22 . Managers and administrators,
V	893 . Mi scell aneous professional	V	. n. e. c. (121, 126, 132-1343,
V V V	. and rel. services (899) 900 . Executive and legislative	V V	. 136-139) 23 . Accountants and auditors
V	offices (911-913) 901 General government, n.e.c.	V V	. (1412) 24 . Underwriters (1414)
V V	. (919) 910 . Justice, public order, and	V V	25 . Other financial officers . (1415, 1419)
V V	safety (92) 921 Public finance, taxation, and	Ÿ	26 Management analysts (142) 27 Personnel, training, and
V	. monetary policy (93)	V V	labor relations specialists
V V	922 . Human resources programs . admi ni strati on(94)	V V	. (143) 28 . Purchasing agents and buyers,
V V	930 Environmental quality and housing programs	V	. farm products (1443) 29 . Buyers, wholesale and retail
V	. admi ni strati on (95)	V	. trade except farm products
V V	931 . Economic programs . admi ni strati on (96)	V V	. (1442) 33 . Purch. agents and buyers,
V V	932 . National security and . international affairs (97)	V V	. n. e. c. (1449) 34 . Business and promotion agents
V V	991 . Persons whose labor force . status is unemployed and	V	. (145) 35 . Construction inspectors
V	. whose last job was Armed	V	. (1472)
V D AJBINI	. Forces 01 1 950	V V V	36 .Inspectors and compliance .officers, except construction .(1473)
T JB: Al	location flag for EJBIND1	V	37 . Management rel. occupations, . n. e. c. (149)
Thị	ocation flag for industry code. s variable repeats once per wave. Its ue is subject to change between waves.	Ÿ	43 . Archi tects (161)
V	U . Not imputed	V V	44 . Aerospace engineers (1622) 45 . Metallurgical and materials
V V	<pre>1 .Statistical imputation(hot deck) 2 .Cold deck imputation</pre>	V V	. engi neers (1623) 46 . Mi ni ng engi neers (1624)
V V	3 . Logical imputation(derivation) 4 . Statistical or logical	V V	47 . Petrol eum engineers (1625) 48 . Chemical engineers (1626)
V	.imputation using previous wave	V	49 . Nuclear engineers (1627)
V	. data	V V	53 . Ci vi l engi neers (1628) 54 . Agri cul tural engi neers (1632)
D TJBOCO	C1 3 951 ccupation classification code	V V	55 . Engineers, electrical and . electronic (1633, 1636)
Thi	s variable repeats once per wave. s value is subject to change between	V V	56 . Engineers, industrial (1634)
way	ves.	V	57 . Engineers, mechanical (1635) 58 . Marine and naval architects
peri o	ersons 15+ at the end of the reference d who had a job during the reference	V V	. (1637) 59 . Engineers, n. e. c. (1639)
peri oc	d. EPOPSTAT = 1 and EPDJBTHN = 1 and CNTR > 0 or ECFLAG = 1)	V V	63 . Surveyors and mapping . scientists (164)
V	-1 . Not in universe	V	64 . Computer systems analysts and
V V	4 . Chi ef executives and general . administrators, public	V V	. scientists (171) 65 . Operations and systems
V	.administration (112)	V	. researchers and analysts

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V	(172)	V	145 . Law teachers (2243)
V V	66 . Actuari es (1732) 67 . Stati sti ci ans (1733)	V V	146 . Social work teachers (2244) 147 . Theology teachers (2245)
V	68 . Mathematical scientists,	Ÿ	148 . Trade and industrial teachers
V V	. n. e. c. (1739) 69 . Physicists and astronomers	V	. (2246) 149 . Home economics teachers
V	. (1842, 1843)	Ÿ	. (2247)
V V	73 . Chemists, except biochemists . (1845)	V	153 . Teachers, postsecondary, . n. e. c. (2249)
V	74 Atmospheric and space	Ÿ	154 . Postsecondary teachers.
V V	. sci enti sts (1846) <sup>*</sup> 75 . Geol ogi sts and geodesi sts	V V	. subject not specified 155 . Teachers, prekindergarten and
V	. (1847)	<u>Ÿ</u>	. ki ndergarten (231)
V V	76 . Physical scientists, n. e. c.	V V	156 . Teachers, elementary school
V	. (1849) 77 . Agri cul tural and food	<u>Ÿ</u>	. (232) 157 . Teachers, secondary school
V V	.scientists (1853) 78 .Biological and life	V V	. (233) 158 . Teachers, special education
V	. sci enti sts (1854)	Ÿ	. (235)
V V	79 . Forestry and conservation . scientists (1852)	V V	159 . Teachers, n. e. c. (236, 239) 163 . Counsel ors, Educati onal and
V	83 . Medical scientists (1855)	Ÿ	. Vocati onal (24)
V V	84 . Physicians (261)	V V	164 . Li brari ans (251)
V	85 . Dentists (262) 86 . Veterinarians (27) 87 . Optometrists (281)	V	165 . Archivists and curators (252) 166 . Economists (1912)
V V	87 . Optometrists (281)	V V	167 . Psychologists (1915)
V	88 . Podi atrists (283) 89 . Heal th di agnosi ng	V	168 . Soci ol ogists (1916) 169 . Soci al scientists, n. e. c.
V	. practitioners, n. e. c. (289) 95 . Registered nurses (29)	V	. (1913. 1914. 1919)
V V	95 Registered nurses (29) 96 Pharmacists (301)	V	173 . Ùrban pl anners (192) 174 . Soci al workers (2032)
V	97 . Dietitians (302)	V	175 . Recreation workers (2033)
V V	98 . Respiratory therapists (3031) 99 . Occupational therapists	V V	176 . Clergy (2042) 177 . Religious workers, n. e. c.
V	. (3032) 103 . Physical_therapists (3033)	Ÿ	(2049) 178 . Lawyers and Judges (211, 212)
V V	103 . Physical therapists (3033) 104 . Speech therapists (3034)	V V	178 . Lawyers and Judges (211, 212) 183 . Authors (321)
V	105 . Therapists, n. e. c. (3039)	Ÿ	184 . Technical writers (398)
V V	106 . Physicians assistants (304) 113 . Earth, environmental, and	V V	185 . Designers (322) 186 . Musicians and composers (323)
V V	. marine science teachers	Ÿ	187 . Actors and directors (324)
V V	. (2212) 114 . Bi ol ogi cal sci ence teachers	V V	188 . Painters, sculptors, craft- . artists, and artist
V	. (2213)	Ÿ	printmakers (325) 189 Photographers (326)
V V	115 . Chemistry teachers (2214) 116 . Physics teachers (2215)	V	189 . Photographers (326) 193 . Dancers (327)
V	117 .Natural science teachers,	V	194 . Artists, performers, and rel.
V V	. n. e. c. (2216) 118 . Psychol ogy teachers (2217)	V V	. workers,  n. e. c.   (328, 329) 195  . Editors  and  reporters  (331)
V	119 . Economics teachers (2218)	Ÿ	197 Public relations specialists
V V	123 . History teachers (2222) 124 . Political science teachers	V V	. (332) 198 . Announcers (333)
V	. (2223)	V	199 . Athletes (34)
V V	125 . Sociology teachers (2224) 126 . Social science teachers,	V V	203 . Clinical laboratory . technologists and technicians
V	. n. e. c. (2225)	<u>V</u>	. (362)
V V	127 .Engineering teachers (2226) 128 .Math. science teachers (2227)	V V	204 Dental hygienists (363) 205 Health record technologists
V	129 . Computer science teachers	V	. and technicians (364)
V V	. (2228) 133 . Medical science teachers	V V	206 . Radiologic technicians (365) 207 . Licensed practical nurses
V	. (2231)	Ÿ	. (366)
V V	134 .Health specialties teachers .(2232)	V V	208 . Health technologists and . technicians, n. e. c. (369)
V V	135 Business, commerce, and	Ÿ	213 Electrical and electronic
V V	. marketing teachers (2233) 136 . Agriculture and forestry	V V	. technicians (3711) 214 . Industrial engineering
V	. teachers (2234)	V	. techni ci ans (3712)
V V V	137 . Art, drama, and music . teachers (2235)	V V	215 . Mechani cal engi neeri ng . techni ci ans (3713)
<u>V</u>	138 . Physical education teachers	Ÿ	216 . Engi neeri ng techni ci ans, . n. e. c. (3719)
V V	. (2236) 139 . Education teachers (2237)	V V	. n. e. c. (3719) 217 . Drafting occupations (372)
V	143 . English teachers (2238)	V	218 . Surveying and mapping
V V	144 . Foreign language teachers . (2242)	V V	. techni ci ans (373) 223 . Bi ol ogi cal techni ci ans (382)
V	. ( \( \alpha \)	٧	Las . Di Oi Ogi cai Cecilii Ci alis (302)

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V	224 . Chemical technicians (3831) 225 . Science technicians, n. e. c.	V V	317 .Hotel clerks (4643) 318 .Transportation ticket and
V V	. (3832, 3833, 384, 389)	V	reservation agents (4644)
V V	. (3832, 3833, 384, 389) 226 . Ai rpl ane pilots and	V V	319 . Receptionists (4645)
V	. navigators (825) 227 . Air traffic controllers (392)	V	323 . Information clerks, n. e. c. . (4649)
V	228 . Broadcast equipment operators	Ÿ	325 . Classified-ad clerks (4662)
V	. (393) 229 . Computer programmers (3971,	V V	326 . Correspondence clerks (4663) 327 . Order clerks (4664)
V	. 3912)	V	328 . Personnel clerks, except
V V	233 . Tool´programmers, numerical . control (3974)	V V	. payroll and timekeeping . (4692)
V V	234 Legal assistants (396)	V	329 . Li brary clerks (4694)
V V	235 . Techni ci ans, n. e. c. (399) 243 . Supervi sors and Propri etors,	V V	335 . File clerks (4696) 336 . Records clerks (4699)
V	. Sales Occupations (40)	V	337 . Bookkeepers, accounting, and
V	253 . Insurance sales occupations	V	auditing clerks (4712)
V V	. (4122) 254 . Real_estate sales occupations	V V	338 . Payroll and timekeeping . clerks (4713)
V	. (4123)	V	. clérks (4713) 339 . Billing clerks (4715)
V V	255 . Securities and financial . services sales occupations	V V	343 .Cost and rate clerks (4716) 344 .Billing, posting, and
V V	256 Advertising and rel. sales	V	calculating machine operators
V V	256 . Advertising and rel. sales . occupations (4153)	V V	. (4718) 345 . Duplicating machine operators
V	257 . Sales occupations, other	V	. (4722)
V	. busi ness servi ces (4152)	V	346 . Mail preparing and paper . handling machine operators
V	258 . Sal es engineers (421) 259 . Sal es representatives,	V V	. (4723)
V	. mi ni ng, manufacturi ng, and	V	347 . Office mach. operators,
V V	. wholesale (423, 424) 263 . Sales workers, motor vehicles	V V	. n. e. c. (4729) 348 . Tel ephone operators (4732)
V V	and boats (4342, 4344)	V	353 . Communications equipment
V V	264 . Sal es workers, apparel (4346) 265 . Sal es workers, shoes (4351)	V V	. operators, n. e. c. (4733, . 4739)
V	266 . Sales workers, furniture and	V	354 Postal clerks, except mail
V	. home furni shi ngs (4348)	V V	carriers (4742)
V V	267 . Sales workers, radio, TV, hi- . fi, and appliances (4343,	V	355 . Mail carriers, postal service . (4743)
V V	. 4352)	V V	356 . Mail clerks, except postal
V	268 . Sal es workers, hardware and . building supplies (4353)	V	. servi ce (4744) 357 . Messengers (4745)
V V	269 . Sal es workers, parts (4367) 274 . Sal es workers, other	V	359 . Di spatchers (4751)
V	. commodities (4345, 4347,	V V	363 . Producti on còordi nators . (4752)
V	. commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)	V	364 . Traffic, shipping, and
V V	275 . Sales counter clerks (4363) 276 . Cashiers (4364)	V V	receiving clerks (4753) 365 . Stock and inventory clerks
V V	276 . Cashi ers (4364) 277 . Street and door-to-door sal es	V	. (4754)
V V	. workers (4366) 278 . News vendors (4365)	V V	366 . Meter readers (4755) 368 . Weighers, measurers,
V	283 . Demonstrators, promoters and	V	. checkers, and samplers (4756,
V V V	. models, sales (445) 284 . Auctioneers (447)	V V	. 4757) 373 . Expediters (4758)
<b>v</b>	285 . Sales support occupations,	V	374 . Material recording,
V	. n. e. c. (444, 446, 449)	V V	. schedul i ng,    and  di stri buti ng . cl erks,   n. e. c.   (4759)
V	303 . Supervisors, general office . (4511, 4513, 4514, 4516, . 4519, 4529)	V	375 . Insurance adjusters.
V	. 4519, 4529)	V V	. examiners, and investigators
V	304 . Supervi sors, computer . equi pment operators (4512)	V	. (4782) 376 . Investigators and adjusters,
V	305 Supervisors, financial	V	except insurance (4783) 377 . Eligibility clerks, social
V	. records processing (4521) 306 . Chi ef communications	V V	welfare (4784)
V	. operators (4523)	V	378 .Bill and account collectors
V V	307 . Supervisors, distribution,	V V	. (4786) 379 . General office clerks (463)
Ÿ	scheduling, and adjusting . clerks (4522, 4524-4528)	Ÿ	383 . Bank tellers (4791)
V V	308 . Computer operators (4612) 309 . Peri pheral equi pment	V V	384 . Proofreaders (4792) 385 . Data-entry keyers (4793)
V	. operators (4613)	V	386 . Statistical clerks (4794)
V	313 . Secretaries (4622)	V	387 . Teachers' aides (4795)
V V V V V V V V V V V V V V V	314 . Stenographers (4623) 315 . Typi sts (4624)	V V	389 . Admi ni strati ve support . occupati ons, n. e. c. (4787,
V	316 . Interviewers (4642)	V	. 4799)

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V	403 . Launderers and ironers (503)	V	468 . Child care workers, n. e. c.
V	404 . Cooks, private household	V	. (part 5264)
V	. (504)	V	469 . Personal service occupations, . n. e. c. (5258, 5269)
V	405 . Housekeepers and butlers	V	
V	(505)	V	473 Farmers, except horticultural . (5512-5514)
V	406 . Child care workers, private	V	
V	. hhl d (506)	Ň	474 . Horticultural specialty
V	407 . Pri vate hhld cleaners and . servants (502, 507, 509)	V	.farmers (5515)
V		V	475 .Managers, farms, except
V	413 . Supervisors, firefighting and fire prevention	V	. horti cul tural (5522-5524)
V		V	476 . Managers, horti cul tural
V	. occupations(5111)	V	. specialty farms (5525)
V	414 . Supervisors, police and	V	477 . Supervisors, farm workers
V	detectives (5112)	V	. (5611)
V		V	479 . Farm workers (5612-5617)
V V	415 . Supervisors, guards (5113) 416 . Fire inspection and fire . prevention occupations (5122)	V V	479 . Farm workers (5612-5617) 483 . Marine life cultivation . workers (5618)
V	417 Firefighting occupations . (5123)	V	484 . Nursery workers (5619)
V		V	485 . Supervisors, rel.
V	418 Police and detectives, public service (5132)	V	agricultural occupations
V		V	(5621)
V V	423 . Sheriffs, bailiffs, and other	V V	486 . Groundskeepers and gardeners,
V	. law enforcement . officers(5134)	Ň	. except farm (5622) 487 . Animal caretakers, except
V	424 Correctional institution officers (5133)	V	. farm (5624)
V		V	488 . Graders and sorters,
V	425 . Crossing guards (5142)	V	. agri cul tural products (5625)
V	426 . Guards and police, except	V	489 . Inspectors, agri cul tural
V	. public service (5144)	V	. products (5627)
V	427 . Protective service	V	494 . Supervi sors. forestry and
V	. occupations, n. e. c. (5149)	V	.logging workers (571)
V	433 . Supervisors, food preparation	V	495 .Forestry workers, except
V V	and service occupations(5211) 434 Bartenders (5212)	V V	. logging (572)
V	435 . Wai ters and wai tresses (5213)	V	496 . Timber cutting and logging . occupations (573, 579) 497 . Captains and other officers,
V	436 . Cooks (5214, 5215)	V	
V	438 . Food counter, fountain and	V V	fishing vessels (part 8241) 498 Fishers (583)
V V	rel. occupations (5216) 439 . Kitchen workers, food	Ň	499 . Hunters and trappers (584)
V	. preparation (5217)	V	503 . Supervi sors, mechanics and repairers (60)
V	443 . Waiters'/waitresses'	V	
V	. assistants (5218)	V	505 . Automobile mechanics (part . 6111)
V	444 . Miscellaneous food	V	
V	. preparation occupations	V	506 .Auto mechanic apprentices
V	. (5219)	V	.(part 6111)
V	445 . Dental assistants (5232)	V	507 . Bûs, truck, and stationary
V	446 . Health aides, except nursing	V	. engine mechanics (6112)
V	. (5233)	V	508 . Aircraft engine mèchanics
V	447 . Nursing aides, orderlies, and	V	. (6113)
V	attendants (5236)	V	509 . Small engine repairers (6114)
V	448 . Supervi sors, cleaning and	V	514 . Automobile body and rel.
V V	building service workers (5241) 449 . Mai ds and housemen (5242,	V V	repairers (6115) 515 . Aircraft mechanics, except
V	. 5249)	V V	engi ne (6116)
V	453 . Janitors and cleaners (5244)	V	516 . Heavy equipment mechanics . (6117)
V	454 . Elevator operators (5245)	V	
V V	455 . Pest control occupations . (5246)	Ň	517 . Farm equipment mechanics . (6118)
V V	456 . Supervisors, personal service . occupations (5251) 457 . Barbers (5252)	V V	518 . Industrial machinery . repairers (613) 519 . Machinery maintenance
V V	458 . Hai rdressers and	V V	occupations (614)
V	. cosmetologists (5253)	V	523 . Electronic rèpairers,
V	459 . Attendants. amusement and	V	. communications and industrial
V	459 Attendants, amusement and recreation facilities (5254) 461 Guides (5255)	V	. equi pment (6151, 6153, 6155)
V		V	525 . Data processi ng equi pment
V	462 . Ushers (5256)	V	repairers (6154) 526 . Hhld appliance and power tool
V	463 . Public transportation	V	
V	. attendants (5257)	V	repairers (6156) 527 Telephone line installers and
V	464 . Baggage porters and bellhops	V	
V	. (5262)	V	repairers (6157) 529 . Telephone installers and
V	465 . Wel fare service aides (5263)	V	
V	466 . Family child care providers	V V V	. repai rers (6158)
V	. (part 5264)	Ÿ	533 . Miscellaneous electrical and
V	467 Early childhood teacher's		electronic equipment
V	. assištants (part 5264)	V	. repai rers (6 <b>1</b> 52; 6159)

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V	534 . Heating, air conditioning, . and refrigeration mechanics	V V	599 . Construction trades, n. e. c (6467, 6475, 6476, 6479)
V V	. (616) 535 . Camera, watch, and musical	V V	613 . Supervi sors, extractive
V	. instrument repairers (6171,	V	.occupations (632) 614 .Drillers, oil well (652)
V V	. 6172)	V V	615 Explosives workers (653)
V V V	536 . Locksmiths and safe repairers . (6173)	V	616 . Mining machine operators . (654)
V V	538 . Office machine repairers . (6174)	V V	617 . Mining occupations, n. e. c (656)
V	539 Mechanical controls and valve	Ÿ	628 . Supervi sors, producti on
V V	. repairers (6175) 543 . El evator installers and	V V	.occupations (67, 71) 634 .Tool and die makers (part
V V	. repai rers (6176)	V	. 6811)
V V	544 . Millwrights (6178) 547 . Specified mechanics and	V V	635 . Tool and die mkr apprentices . (part 6811)
V	. repai rers,n. e. c. (6177,	V V	636 Precision assemblers metal
V V	. 6179) 549 . Not specified mechanics and	Ÿ	. (6812) 637 . Machinists (part 6813)
V V	. repai rers 553 . Supervi sors, bri ckmasons,	V V	639 . Machinist apprentices (part . 6813)
V	stonemasons, and tile setters	V	643 . Boilermakers (6814)
V V	. (6312) 554 . Supervi sors, carpenters and	V V	644 . Precision grinders, filers, . and tool sharpeners (6816)
V	.rel. workers (6313)	V	645 . Patternmakers and model
V V	555 . Supervisors, electricians and power transmission installers	V V	. makers, metal (6817) 646 . Lay-out workers (6821)
V V	. (6314) 556 . Supervisors, painters,	V	647 Precious stones and metals
V	paperhangers, and plasterers	V V	. workers (Jewelers) (6822, . 6866)
V	. (6315)	V	649 Engravers, metal (6823)
V V	557 . Supervisors, plumbers, . pipefitters, and steamfitters	V V	653 . Sheet metal workers (part . 6824)
V V V	. (6316)	V V	654 . Sheet metal wrker apprentices
V	558 . Supervisors, construction, . n. e. c. (6311, 6318)	V	. (part 6824) 655 . Misc precision metal workers
V V	563 . Brickmasons and stonemasons . (part 6412, part 6413)	V V	. (6829) 656 . Patternmkrs and model makers,
V	564 . Brickmason and stonemason	V	. wood (6831)
V V	. apprentices (part 6412, part . 6413)	V V	657 . Cabi net makers and bench . carpenters (6832)
V	565 . Tile setters, hard and soft	V	658 Furniture and wood finishers
V V	. (part 6414, part 6462) 566 . Carpet installers (part 6462)	V V	. (6835) 659 . Misc precision woodworkers
V	567 . Carpenters (part 6422)	V V	. (6839)
V V	569 . Carpenter apprentices (part . 6422)	V	666 . Dressmakers (part 6852, part . 7752)
V V	573 .Drywall installers (6424) 575 .Electricians (part 6432)	V V	667 . Tailors (part 6852) 668 . Upholsterers (6853)
V	576 . Electrician apprentices (part	V	669 . Shoe repairers (6854)
V V	. 6432) 577 . Electrical power installers	V V	674 Misc precision apparel and fabric workers (6856, 6859,
Ÿ	. and repairers (6433)	Ÿ	. part 7752)
V V	579 . Painters, construction and maintenance (6442)	V V	675 . Hand molders and shapers, . except jewelers (6861)
	583 . Paperhangers (6443)	V	676 . Patternmakers, lay-out
V V V V V	584 . Plasterers (6444) 585 . Plumbers, pipefitters, and	V V	. workers, and cutters (6862) 677 . Optical goods workers (6864,
V	585 . Plumbers, pipefitters, and . steamfitters (part 645) 587 . Plumber, pipefitter, and	V V	677 Optical goods workers (6864, part 7477, part 7677)
V	steamfitter apprentices (part	V	678 . Dental laboratory and medical . appliance technicians (6865)
V V V	. 645) 588 . Concrete and terrazzo	V V	679 . Bookbi nders (6844) 683 . El ectri cal /el ectroni c
	. finishers (6463)	V	. equi pment assemblers (6867)
V V	589 . Glaziers (6464) 593 . Insulation workers (6465)	V V	684 . Miscellaneous precision . workers, n. e. c. (6869)
<u> </u>	594 . Paving, surfacing, and	V	686 .Butchers and meat cutters
V V	. tamping equipment operators . (6466)	V V	. (6871) 687 . Bakers (6872)
Ÿ	595 . Roofers (6468)	V	688 . Food batchmakers (6873, 6879)
V V	596 . Sheetmetal duct installers . (6472)	V V	689 . Inspectors, testers, and . graders (6881, 828)
V V V V V V V	597 .Structural metal workers	V V	graders (6881, 828) 693 Adjusters and calibrators
V	.(6473) 598 .Drillers, earth (6474)	V	.(6882) 694 .Water and sewage treatment

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V V	. plant operators (691) 695 . Power plant operators (part	V V V	745 . Shoe machine operators (7656) 747 . Pressing machine operators
V V V	. 693) 696 . Stationary engineers (part . 693, 7668)	V V V	. (7657) 748 . Laundering and dry cleaning . machine operators (6855,
V V	699 . Miscellaneous plant and . system operators (692, 694,	V V	7658) 749 . Mi scellaneous textile machine
V V	. 695, 696) 703 . Set-up operators, lathe and	V V	operators (7459, 7659) 753 . Cementing and gluing machine
V V V	turning machine (7312) 704 Operators, lathe and turning	V V V	operators (7661) 754 Packaging and filling machine operators (7462, 7662)
V V	. machi ne (7512) 705 . Milli ng and plani ng machi ne . operators (7313, 7513)	V V V	755 Extruding and forming machine
V V	706 . Punchi ng and stampi ng press . machi ne operators (7314,	V V	operators (7463, 7663)  556 Mixing and blending machine operators (7664)
V V	. 7317, 7514, 7517) 707 . Rolling machine operators	V V	757 . Separating, filtering, and . clarifying machine operators
V V V	. (7316, 7516) 708 . Drilling and boring machine . operators (7318, 7518)	V V V	. (7476, 7666, 7676) 758 . Compressing and compacting . machine operators (7467,
V V	709 . Gri ndi ng, abradi ng, buffi ng, . and pol i shi ng machi ne	V V	. 7667) 759 . Painting and paint spraying
V V V	operators (7322, 7324, 7522)	V V	. machi ne operators (7669) 763 . Roasti ng and baki ng machi ne
V	713 . Forging machine operators . (7319, 7519) 714 . Numerical control machine	V V	operators, food (7472, 7672) 764 . Washing, cleaning, and
V V V	operators (7326) 715 Miscellaneous metal, plastic,	V V V	. pickling machine operators . (7673)
V V	. stone, and glass working . machine operators (7329, . 7529)	V V	765 . Folding machine operators . (7474, 7674) 766 . Furnace, kiln, and oven
V V	717 . Fabri cating machine . operators, 'n. e. c. (7339,	V V	. operators, except food (7675) 768 . Crushing and grinding machine
V V	. 7539) 719 . Molding and casting machine	V V	. operators (part 7477, part . 7677)
V V V	. operators (7315, 7342, 7515, .7542)	V V V	769 . Slicing and cutting machine operators (7478, 7678)
V V V	723 . Metal plating machine . operators (7343, 7543) 724 Heat treating equipment	V V V	773 . Motion picture projectionists (part 7479) 774 . Photographic process machine
V V	724 . Heat treating equipment . operators (7344, 7544) 725 . Misc metal and plastic	V V	. operators (6863, 6868, 7671) 777 . Miscellaneous machine
V V	. processing machine operators . (7349. 7549)	V V	. operators, n. e. c. (part 7479, . 7665, 7679)
V V	726 . Wood lathe, routing, and planing machine operators . (7431, 7432, 7631, 7632)	V V V	779 . Machine operators, not . specified
V V V	727 . Sawing machine operators	V V V	783 . Welders and cutters (7332, 7532, . 7714) 784 . Solderers and brazers (7333
V V	. (7433, 7633) 728 . Shapi ng and j oi ni ng machi ne . operators (7435, 7635)	V V	784 . Solderers and brazers (7333, . 7533, 7717) 785 . Assemblers (772, 774)
V	operators (7636)	V V	. occupations (7753)
V V V V V	733 . Miscellaneous woodworking machine operators (7434,	V V V	. forming occupations (7754,
V V V	.7439, 7634, 7639) 734 .Printing press operators .(7443, 7643)	V V V	. 7755) 789 . Hand painting, coating, and . decorating occupations (7756)
V V V	735 . Photoengravers and . lithographers (6842, 7444,	V V	793 . Hand engraving and printing . occupations (7757)
V V	. 7644) 736 . Typesetters and compositors	V V	795 Miscellaneous hand working .occupations (7758, 7759)
V V	. (6841, 7642) 737 . Miscellaneous printing	V V V	796 . Production inspectors, checkers, and examiners (782,
V V V	. machi ne operators (6849, . 7449, 7649) 738 . Windi ng and twi sti ng machi ne	V V V	. 787) 797 . Production testers (783) 798 . Production samplers and
V V V V V V V V V V	operators (7451, 7651)	V V	. weighers (784) 799 . Graders and sorters, except
V V	739 . Knitting, looping, taping, . and weaving machine operators . (7452, 7652)	V V	. agricultural (785) 803 . Supervisors, motor vehicle
V V	743 . Textile cutting machine . operators (7654)	V V	. operators (8111) 804 . Truck dri vers (8212-8214)
V V	744 . Textile sewing machine . operators (7655)	V V	806 . Dri ver-sal es workers (8218) 808 . Bus dri vers (8215)

DATA SIZE BEGIN	DATA SIZE BEGIN
V 809 . Taxicab drivers and Chauffeurs (8216) V 813 . Parking lot attendants (874)	V 1 . Statistical imputation(hot deck) V 2 . Cold deck imputation V 3 Logical imputation(derivation)
V 814 . Motor transportation V .occupations, n.e.c. (8219) V 823 . Railroad conductors and	V 3.Logical imputation(derivation) V 4.Statistical or logical V .imputation using previous wave V .data
V syardmasters (8113) V 824 Locomotive operating V occupations (8232)	D EENO2 2 955 T JB: Across-wave employer index/number
V 825 Railroad brake, signal, and V .switch operators (8233) V 826 Rail vehicle operators,	Unique job number that will remain the same from wave to wave. This variable repeats once per wave. Its value is
V n. e. c. (8239) V 828 . Shi p captains and mates, V . except fishing boats (part V . 8241, 8242)	subject to change between waves.  U All persons 15+ at end of reference period who had two or more jobs during the reference period. (Excludes contingent
V 829 Sailors and deckhands (8243) V 833 Marine engineers (8244) V 834 Bridge, lock, and lighthouse V tenders (8245)	workers.) < BR > EPOPSTAT = 1 and EPDJBTHN = 1 and EJOBCNTR > 1 and ECFLAG not equal to 1 V -1 . Not in universe V 01:99 . Job ID
V 843 .Supervisors, material moving V .equipment operators (812) V 844 .Operating engineers (8312)	D ESTLEMP2 2 957 T.JB: Still working for this employer
V 845 . Longshore equipment operators V . (8313) V 848 . Hoist and winch operators	T JB: Still working for this employer Does still work for this employer? This variable repeats once per wave. Its value is subject to change between
V .(8314) V 849 Crane and tower operators	waves. U All persons 15+ at end of reference period who had two or more jobs during the
V . (8315) V 853 . Excavating and loading V . machine operators (8316) V 855 . Grader, dozer, and scraper	reference period. (Excludes contingent workers.) BR> EPOPSTAT = 1 and EDJBTHN = 1 and EJOBCNTR > 1 and ECFLAG not equal to 1
V . operators (8317) V 856 . Industrial truck and tractor V . equipment operators (8318)	V -1 . Not in universe V 1 . Yes V 2 . No
V 859 . Misc material moving V . equipment operators (8319)	D ASTLEMP2 1 959
V 864 . Supervi sors, handlers, V . equi pment cleaners, and V . laborers, n. e. c. (85) V 865 . Helpers, mechanics, and	T JB: Allocation flag ESTLEMP2 Allocation flag for whether still works for this employer. This variable repeats once per wave. Its value
V repairers (863) V 866 Helpers, construction trades	variable repeats once per wave. Its value is subject to change between waves.  V 0 .Not imputed V 1 .Statistical imputation(hot deck)
V . (8641-8645, 8648) V 867 . Hel pers, surveyor (8646) V 868 . Hel pers, extractive V . occupations (865)	V 2 .Cold deck imputation V 3 .Logical imputation(derivation) V 4 .Statistical or logical
V 869 . Construction laborers (871) V 874 . Production helpers (861, 862) V 875 . Garbage collectors (8722)	V .imputation using previous wave V .data
V 876 . Stevedores (8723) V 877 . Stock handlers and baggers	D TSJDATE2 8 960 T JB: Starting date of job When did start this job? Year digits 1-4 Range 1926: 2000 Month digits 5-6
V . (8724) V 878 . Machine feeders and V . offbearers (8725) V 883 . Freight, stock, and material	1-4 Range 1926: 2000 Month digits 5-6 Range 01: 12 Day digits 7-8 Range 01: 31 This variable repeats once per wave.
V . handlers, n.e.c. (8726) V 885 . Garage and service station V . rel. occupations (873)	Its value is subject to change between waves.  U All persons 15+ at end of reference period
V 887 . Vehi cle washers and equipment V . cleaners (875)	who had two or more jobs during the reference period. (Excludes contingent workers.) EPOPSTAT = 1 and EPDJBTHN = 1 and
V . (8761) V 889 . Laborers, except construction	EJOBCNTR > 1 and ECFLAG not equal to 1 V -1.Not in universe
V . (8769) V 905 . Persons whose current labor V . force status is unemployed V . and last job was Armed Forces	V 19260101: 20000228 . Date  D ASJDATE2 1 968 T JB: Allocation flag for TSJDATE2
D AJBOCC1 1 954 T JB: Allocation flag for TJBOCC1	T JB: Allocation flag for TSJDATE2 Allocation flag for starting date of job. This variable repeats once per wave. Its value is subject to change between
Allocation flag for occupation code. This variable repeats once per wave. Its value is subject to change between waves.  V 0 .Not imputed	waves.  V 0.Not imputed V 1.Statistical imputation(hot deck) V 2.Cold deck imputation

DATA	SIZE	BEGI N	D/	DATA SIZE BEGIN	
V V V V D TEJDATE2 T JB: Endir	4 . Stā . i m . dat . dat . 8	969 e of job	V V V V V V	V 1 .Statistical imputation(hot deck) V 2 .Cold deck imputation V 3 .Logical imputation(derivation) V 4 .Statistical or logical .imputation using previous wave	)
1-4 Ra Range This v	inge 19 01: 12 zari abl il ue i s	s employment end? Year digits 026: 2000 Month digits 5-6 Day digits 7-8 Range 01: 31 e repeats once per wave. s subject to change between		D EJBHRS2 2 981 T JB: Usual hours worked per week at this job How many hours per week did usually work at all activities at this job? This variable repeats once per wave. Its	
U All perso who had t reference during th continger EPDJBTHN	ons 15+ two or e perione ne refe nt work = 1 ar	- at end of reference period more jobs during the od and whose second job ended erence period. (Excludes ters.) EPOPSTAT = 1 and ad EJOBCNTR > 1 and ECFLAG not ESTLEMP2 = 2		value is subject to change between waves. U All persons 15+ at the end of the reference period who had two or more jobs during the reference period. (Excludes contingent workers.) EPOPSTAT = 1 and EPDJBTHN = 1 and EJOBCNTR > 1 and ECFLAG not equal to 1	
V 19260101:	1 . Not	in universe	V D	V 01:99 . hours per week	
Alloca This v Its va	cation ation f variabl alue is	977 flag for TEJDATE2 lag for ending date of job. e repeats once per wave. s subject to change between	Т	T JB: Allocation flag for EJBHRS2. Allocation flag for usual hours worked. This variable repeats once per wave. Its value is subject to change between waves.	
waves. V V V V V V V V	0 . Not 1 . Sta 2 . Col 3 . Log 4 . Sta	imputed itistical imputation(hot deck) d deck imputation gical imputation(derivation) itistical or logical outation using previous wave	V V V V V	V 1 . Statistical imputation(hot deck) V 2 . Cold deck imputation V 3 . Logical imputation(derivation) V 4 . Statistical or logical	)
D ERSEND2 T JB: Main What i workin	reason s the ng for	978 a stopped working for employer main reason stopped? This variable e per wave. Its value is	T	D EEMPLOC2 2 984 T JB: Employer operations in more than one location Does employer operate in more than one location? This variable repeats once per wave. Its value is subject to change	
U AII perso who had t reference during th continger	ons 15- two or e perio ne refe nt work	change between waves.  - at end of reference period more jobs during the od and whose second job ended erence period. (Excludes ters.) EPOPSTAT = 1 and		between waves.  U All persons 15+ at end of reference period who worked at two or more jobs and were not contingent workers. EPOPSTAT = 1 and EPDJBTHN = 1 and EJOBCNTR > 1 and ECFLAG not equal to 1	t
V equal to	1 and 1 . Not	nd EJOBCNTR > 1 and ECFLAG not ESTLEMP2 = 2 In universe	V V V	V 1 . Yes	
V V V	2 . Ret 3 . Chi 4 . Oth . obl 5 . Owr	layoff irement or old age ldcare problems her family/personal igations illness injury	D T	D AEMPLOC2 1 986 T JB: Allocation flag for EEMPLOC2 Allocation flag for multiple locations for employer. This variable repeats once per wave. Its value is subject to change between waves.	
V 1	7 . Sch 8 . Dis 9 . Emp 10 . Emp 11 . Joh 12 . Qui	nool/training scharged/fired bloyer bankrupt bloyer sold business o was temporary and ended t to take another job	V V V V V	V 0 .Not imputed V 1 .Statistical imputation(hot deck) V 2 .Cold deck imputation V 3 .Logical imputation(derivation) V 4 .Statistical or logical .imputation using previous wave	)
V V V V 1 D ARSEND2	. cor 14 . Uns . (ho 15 . Qui	ack work or business aditions satisfactory work arrangements ours, pay, etc) t for some other reason 980	D	V . data  D TEMPALL2 2 987 T JB: Number of employees at all locations About how many persons were employed by's employer at all locations together? This variable repeats once per wave.	?
T JB: Alloc Alloca workin	cation ation f ng for	flag for ERSEND2.  Tag for reason stopped this employer. This leats once per wave. Its value to change between waves.		Its value is subject to change between waves.  U All persons 15+ at end of reference period who worked at two or more jobs and were not contingent workers and whose employer	

D/	ATA SI ZE		BEGI N	DA	ГА	SI	ZE	BEGI N
V V V V	= 1 and EPDJBT	HN al	than one location. EPOPSTAT  = 1 and EJOBCNTR > 1 and to 1 and EEMPLOC2 = 1 in universe r 25 employees o 99 employees employees	V V V V V V	1 2 3	2 . ( 2 . ( 3 . ] 4 . (	Stat Cold Logi Stat	imputed istical imputation(hot deck) l deck imputation cal imputation(derivation) istical or logical itation using previous wave
D T	Allocation at all loca	fl fla tio	989 lag for EEMPALL2 ag for number of employees ons. This variable	D H T J	On this	emy io	ob i	996 vee-association membership s a member of a union or ociation like a union?
V V V V V	repeats onc subject to 0 . No 1 . St 2 . Co 3 . Lo 4 . St	e p cha t i ati l d gi q ati	per wave. Its value is ange between waves. imputed istical imputation(hot deck) deck imputation (al imputation) istical or logical tation using previous wave	; r f I > r	This value in all person over od who reference family bus EPOPSTAT = 1 and EO not equal	ria s s ns i o ha pen si no = 1 CFL/ to	ablesubj 15+ ad t riod ess and AG n	e repeats once per wave. Its ect to change between waves. at the end of the reference two or more jobs during the l and were not unpaid in a or contingent workers. I EPDJBTHN = 1 and (EJOBCNTR not equal to 1) and ECLWRK2
D	TEMPSIZ2 2 JB: Employees	at	990 worker's location	V V V	1	.     .     .	les	in universe
	About how m's emplo variable re is subject All persons 15	any yei pea to + a	y persons are employed by r at this location? This ats once per wave. Its value change between waves. at end of reference period or more jobs and were not rs. EPOPSTAT = 1 and	D A	AUNI ON2 IB: Alloca Allocat This va value i	nti d i oi nri a	l on f n fl able subj	998 Flag for EUNION2. ag for union membership. e repeats once per wave. Its ect to change between waves.
V V V	EPDJBTHN = 1 a equal to 1 -1 . No 1 . Un	nd 	EJOBENTR > 1 and ECFLAG not	V V V V V V	1 2 3	l . S 2 . ( 3 . ] 1 . S	Stat Cold Logi Stat	imputed istical imputation(hot deck) l deck imputation cal imputation(derivation) istical or logical itation using previous wave
D T	AEMPSIZ2 1 JB: Allocation Allocation employed at	fl fla	992 lag for EEMPSIZ1 ag for number of persons 's location. This ats once per wave. Its value change between waves.	ΤJ	esociatic	age	nnt	999 union or employee cract red by a union or employee contract? This variable per wave. Its value is lange between waves.
V V V V V V	0 . No 1 . St 2 . Co 3 . Lo 4 . St	t i ati l d gi o ati put	imputed istical imputation(hot deck) deck imputation cal imputation(derivation) istical or logical tation using previous wave	F F a U F	oeri od who reference a uni on or uni on. (Ex EPOPSTAT =	per per clu clu	ad t ri od npl o udes and	the end of the reference two or more jobs during the l and who were not members of oyee association like a contingent workers.)  I EPDJBTHN = 1 and EJOBCNTR >
D T	Its value i	orl l e	993 ker repeats once per wave. subject to change between	V V V	- 1 1 2	l . l ! . ! ! . S	Not Yes No	t equal to 1 and EUNION1 = 2 in universe
U	reference peri workers.) EPOP	od. ST/	at the end of the reference wo or more jobs during the (Excludes contingent AT = 1 and EPDJBTHN = 1 and	T J	contrac per wav	e.	on f n fl Th Its	1001 Clag for ECNTRC2. ag for covered by union his variable repeats once s value is subject to change
V V V V V V	-1 . No 1 . Pr 2 . Pr 3 . Lo 4 . St 5 . Fe	t i i va i va cal ate dei	ECFLAG not equal to 1 in universe ate for profit employee ate not for profit employee I government worker e government worker ral government worker ly worker without pay	V V V V V V	1 2 3	] . [ ] . [ ] . [ ] . [ ] . [	Not Stat Cold Logi Stat	<pre>imputed istical imputation(hot deck) l deck imputation cal imputation(derivation) istical or logical itation using previous wave</pre>
D T	inis variab	ıе	995 lag for ECLWRK2 ag for class of worker. repeats once per wave. Its ect to change between waves.	ΤJ	nonth. What wa	igs is .	fro	1002 om job received in this s gross pay before a this month? This is a

```
monthly variable. Its value is subject to
change between months.

U All persons 15+ at the end of the reference period who had two or more jobs during the reference period and were not unpaid in a family business and who had this job in or before this month. (Excludes contingent workers.) EPOPSTAT = 1 and EPDJBTHN = 1 and (EJOBCNTR > 1 and ECFLAG not equal to 1) and (ECLWRK2 not equal 6 or (ECLWRK2 = 6 and ACLWRK2 = 1)) and ESJDATE2 is less than or equal to the largest date in this month

V 0. None or not in universe

V 1:50000. Dollars amount
                 change between months.
D APMSUM2 1 1007
T JB: Allocation flag for TPMSUM2.
   Allocation flag for gross pay. This is a monthly variable. Its value is subject to change between months.
V 0 .Not imputed
V 1 . Statistical imputation(hot deck)
V 2 . Cold deck imputation
V 3 Logical imputation(derivation)
                                    3 . Logical imputation(derivation)4 . Statistical or logical imputation using previous wave
                                           . data
D EPAYHR2
D APAYHR2 1 1010
T JB: Allocation flag for EPAYHR2.
   Allocation flag for paid by the hour.
   This variable repeats once per wave. Its value is subject to change between waves.
V 0 .Not imputed
V 1 .Statistical imputation(hot deck)
V 2 .Cold deck imputation
V 3 .Logical imputation(derivation)
V 4 .Statistical or logical
V imputation using previous wave
                                           . imputation using previous wave
4 1011
 D TPYRATE2
                                          . deci mal s)
  D APYRATE2
                                                          1015
 T JB: Allocation flag for TPYRATE2.
Allocation flag for amount of hourly pay
```

```
This variable repeats once per
                   wave. Its value is subject to change
                   between waves.
                                       n waves.

0 . Not imputed

1 . Statistical imputation(hot deck)

2 . Cold deck imputation
                                        3 . Logical imputation(derivation)
4 . Statistical or logical
                                               . imputation using previous wave
D RPYPER2 2 1016
T JB: Frequency of payment at job
How often was .. paid at this job?
This variable repeats once per wave. Its
value is subject to change between waves.
U All persons 15+ at the end of the reference
       All persons 15+ at the end of the reference period with two or more jobs during the reference period. (Excludes contingent workers.) EPOPSTAT = 1 and EPDJBTHN = 1 and EJOBCNTR > 1 and ECFLAG not equal to 1

-1 .Not in universe

1 .Once a week
 V
V
V
V
V
V
                                       2 . Once every two weeks
3 . Once a month
4 . Twice a month
5 . Unpaid in a family business or
                                                  farm
                                              . On commission
                                        7 . Some other way
8 . Not reported
 D EJBIND2
                                                                 1018
 T JB: Industry code
This variable repeats once per wave.
Its value is subject to change between
 U All persons 15+ at the end of the reference
       period with two or more jobs during the reference period. (Excludes contingent workers.) EPOPSTAT = 1 and EPDJBTHN = 1 and EJOBCNTR > 1 and ECFLAG not equal to 1
                                    -1 . Not in universe
10 . Agricultural production,
 10 . Agricultural production, . crops (01)
11 . Agricltrl production, . livestock (02)
12 . Veterinary services (074)
20 . Landscape and horticultural . services (078)
30 . Agricultural services, n. e. c. . (071, 072, 075, 076)
31 . Forestry (08)
32 . Fishing, hunting, and . trapping (09)
                               32 . Fi shi ng, hunting, and . trapping (09)
40 . Metal mining (10)
41 . Coal mining (12)
42 . Oil and gas extraction (13)
50 . Nonmetallic mining and . quarrying, except fuel (14)
60 . Construction (15, 16, 17)
100 . Meat products (201)
101 . Dairy products (202)
102 . Canned, frozen and preserved . fruits and vegetables (203)
110 . Grain mill products (204)
111 . Bakery products (205)
112 . Sugar and confectionery . products (206)
120 . Beverage industries (208)
121 . Miscellaneous food . preparations and kindred
                                 . preparations and kindred
. products (207, 209)
122 . Not specified food industries
130 . Tobacco manufactures (21)
132 . Knitting mills (225)
```

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V	140 . Dyeing and finishing . textiles, except wool and	V V	.industries (3331,3339, part .334,3351,3356-
Ÿ	. kni t goods (226)	Ÿ	. 57, 3364, 3366, 3369, 339)
V	141 . Carpets and rugs (227)	V	281 . Cutlery, handtools, and . general hardware (342)
V	142 . Yarn, thread, and fabric	V	
V	. mills (221-224, 228)	V	282 . Fabricated structural metal
V	150 . Miscellaneous textile mill	V	
V V	. products (229)	V V	products (344) 290 Screw machine products (345)
V	151 . Apparel and accessories, . except knit (231-238)	V	291 . Metal forgings and stampings . (346)
V	152 . Miscellaneous fabricated . textile products (239)	V	292 . Ordnance (348)
V		V	300 . Misc fabricated metal
V	160 Pulp, paper, and paperboard mills (261-263)	V	. products (341, 343, 347, 349)
V		V	301 . Not specified metal
V	161 . Miscellaneous paper and pulp	Ÿ	. i ndustri es
V	. products (267)	V	310 . Engines and turbines (351)
V	162 . Paperboard containers and	V	311 . Farm machinery and equipment
V	. boxes (265)	V	. (352)
V	171 . Newspaper publishing and	V	312 . Construction and material
V	printing (271)	Ÿ	. handling machines (353)
V	172 . Printing, `publishing, and . allied industries, except	V	320 Metal working machinery (354)
V		V	321 Office and accounting
V	newspapers (272-279) 180 Plastics, synthetics, and	V	. machines (3578, 3579)
V		V	322 . Computers and rel. equipment
V	. resi ns (282)	Ÿ	. (3571-3577)
V	181 . Drugs (283)	V	331 . Machinery, except electrical, . n. e. c. (355, 356, 358, 359)
V	182 . Soaps and cosmetics (284)	V	
V	190 Paints, varnishes, and rel. products (285)	V	332 Not specified machinery
V		V	340 Household appliances (363)
V	191 . Agricultural chemicals (287)	V	341 . Radio, TV, and communication
V	192 . Industrial and miscellaneous . chemicals (281, 286, 289)	V	. equi pment (365, 366)
V		V	342 . El ectri cal machi nery,
V	200 . Petrol eum refining (291)	V	. equi pment,and supplies,
V	201 . Miscell aneous petrol eum and	V	. n. e. c. (361,362,364,367,
V	. coal products (295, 299)	V	. 369)
V	210 . Tires and inner tubes (301)	V	350 . Not specified electrical . machinery, equipment, and
V	211 . Other rubber products, and	V	
V	.plastics footwear and belting	V	supplies 351 Motor vehicles and motor
V	.(302-306)	V	
V	212 . Miscellaneous plastics	Ÿ	. vehicle equipment (371)
V	. products (308)	V	352 . Ai rcraft and parts (372)
V	220 . Leather tanning and finishing	V	360 . Shi p and boat building and
V	. (311) 221 . Footwear, except rubber and	V	repairing (373) 361 . Railroad locomotives and
V	. plastic (313, 314)	Ÿ	. equi pment (374)
V	222 . Leather products, except . footwear (315-317, 319)	V	362 . Gui ded missiles, space
V		V	. vehicles, and parts (376)
V V	230 . Logging (241) 231 . Sawmills, planing mills, and . millwork (242, 243)	V	370 . Cycles and miscellaneous . transportation equipment
V	. mill work (242, 243)	Ÿ.	. (375, 379)
V V	232 . Wood buildings and mobile . homes (245)	V V	371 . Scientific and controlling .instruments (381, 382 except
V	241 . Miscellaneous wood products . (244, 249)	V	3827)
V		V	372 Medical, dental, and optical
V	242 Furniture and fixtures (25)	V	.instruments and supplies
V	250 . Glass and glass products	V	. (3827, 384, 385)
V	. (321-323)	V	380 . Photographi c equipment and
V	251 . Cement, concrete, gypsum, and plaster products (324, 327)	V	. supplies (386)
V		V	381 . Watches, clocks, and
V	252 . Structural clay products	V	. clockwork operated devices
V	. (325)	V	. (387)
V	261 . Pottery and related products	V	390 . Toys, amusement, and sporting
V	. (326)	V	. goods (394)
V	262 . Miscellaneous nonmetallic	V	391 . Mi scell aneous manufacturing
V	. mineral and stone products	V	.industries (39 except 394)
V	. (328, 329)	V	392 . Not spec manufacturing
V	270 . Blast furnaces, steelworks,	V	. industries
V	rolling and finishing mills (331)	V	400 . Railroads (40)
V		V	401 . Bus service and urban transit
V	271 . Iron and steel foundries	V	. (41, except 412)
V	. (332)	V	402 . Taxi cab servi ce (412)
V	272 . Pri mary al umi num i ndustri es	V	410 . Trucki ng servi ce (421, 423)
V	. (3334, part 334, 3353-3355, . 3363, 3365)	V	411 . Warehousing and storage (422)
V		V	412 . U. S. Postal Service (43)
V	280 . Other primary metal	v	420 . Water transportation (44)

			DATA DIGITAL
DATA	SIZE BEGIN	DATA	SIZE BEGIN
V	421 . Air transportation (45)	V	620 . Stores, auto and home supply
Ÿ	422 . Pipe lines, except natural	V	. (553)
V	. gas (46)	V	621 . Ĝasoline service stations
V	432 . Services incidental to	V	. (554)
V	transportation (47)	V	622 . Miscellaneous vehicle dealers
V V	440 Radio and television	V V	. (555, 556, 557, 559)
V	. broadcasting and cable (483, .484)	V	623 . Stores, apparel and accessory, except shoe (56,
<b>v</b>	441 . Tel ephone communications	v	except 566)
V	. (481)	Ÿ	630 . Shoe stores (566)
V	442 . Telegraph and miscellaneous	V	631 . Stores, furniture and home
V	. communications services (482,	V	furni shi ngs (571)
V	. 489)	V V	632 . Stores, household appliance
V V	450 Electric light and power	V	. (572) 633 . Stores, radio, TV, and
<b>v</b>	. (491) 451 . Gas and steam supply systems	<b>v</b>	. computer (5731, 5734)
V	. (492, 496)	V	640 . Music stores (5735, 5736)
V	452 . Electric and gas, and other	V	641 Eating and drinking places
V	combinations (493)	V	. (58) 642 . Drug stores (591)
V V	470 . Water supply and irrigation	V V	642 . Drug stores (591)
V	. (494, 497) 471 . Sanitary services (495)	V	650 . Liquor stores (592) 651 . Stores, sporting goods,
V	471 . Sain tary services (433) 472 . Not specified utilities	V	bi cycles, and hobby (5941,
<b>v</b>	500 . Motor vehcls and equipment	<b>v</b>	. 5945, 5946)
V	. (501)	V	652 . Stores, book and stationery
V	501 . Furniture and home	V	. (5942, 5943)
V	furni shi ngs (502)	V	660 . Jewelry stores (5944)
V	502 Lumber and construction	V	661 . Gift, novelty, and souvenir
V V	. materials (503) 510 . Professional and commercial	V V	shops (5947)
V	equipment and supplies (504)	V	662 . Sewing, needlework and piece goods stores (5949)
Ÿ	511 . Metals and minerals, except	Ÿ	663 . Catalog and mail order houses
V	. petrol eum (505)	V	. (5961)
V	512 . Electrical goods (506)	V	670 . Vending machine operators
V	521 . Hardware. plumbing and	V	. (5962)
V	heating supplies (507)	V V	671 Direct selling establishments
V V	530 . Machi nery, equi pment, and supplies (508)	V V	. (5963) 672 . Fuel dealers (598)
V	531 . Scrap and waste materials	v	681 . Retail florists (5992)
Ÿ	. (5093)	Ÿ	682 . Stores, Miscellaneous retail
V	532 . Miscellaneous wholesale,	V	. (593, 5948, 5993-5995, 5999)
V	. durable goods (509 except	V	691 . Not specified retail trade
V	. 5093)	V	700 . Banking (60 except 603 and
V	540 . Paper and paper products . (511)	V	. 606)
V	541 Drugs, chemicals and allied	V	701 . Savings institutions, .including credit unions (603,
Ÿ	. products (512, 516)	V	. 606)
V	542 Apparel, fabrics, and notions	V	702 . Credit agencies, n. e. c. (61)
V	. (513)	V	710 . Security, commodity
V	550 Groceries and related	V	. brokerage, and investment
V	. products (514) 551 . Farm-product raw materials	V V	. companies (62, 67) 711 . Insurance (63, 64)
V	. (515)	V	711 . This draince (03, 04) 712 . Real estate, including real
v	552 . Petroleum products (517)	Ÿ	estate-insurance offices (65)
V	560 Alcoholic beverages (518)	V	721 Advertising (731) 722 Services to dwellings and
V	561 . Farm supplies (5191)	V	722 . Services to dwellings and
V	562 . Misc wholesale, nondurable	V	other buildings (734)
V V	. goods (5192-5199)	V	731 . Personnel supply services
V V	571 . Not specified wholesale trade 580 . Lumber and building material	V V	. (736) 732 . Computer and data processing
V	retailing (521, 523)	<b>V</b>	services (737)
Ÿ	581 . Hardware stores (525)	V	740 . Detective and protective
V	582 . Stores, retail nurseries and	V	. servi ces (7381, 7382)
V	. garden (526)	V	741 . Busi ness servi ces, n. e. c.
V	590 . Mobile home dealers (527)	V V	. (732, 733, 735, 7383-7389)
V V	591 Department stores (531)	V	742 Automotive rental and
V	592 . Variety stores (533) 600 . Stores, misc general	V	.leasing, w/out drivers (751) 750 .Automotive parking and
V	. merchandi se (539)	v	carwashes (752, 7542)
V	601 Grocery stores (541)	V	751 . Automotive repair and rel.
V	601 . Grocery stores (541) 602 . Stores, dairy products (545)	<u>V</u>	751 .Automotive repair and relservices (753, 7549)
V	610 . Retail bakeries (546)	V	752 . Electrical repair shops (762,
V	611 . Food stores, n. e. c. (542,	V	. 7694)
V V	. 543, 544, 549) 612 . Motor vehicle dealers (551,	V V	760 . Misc repair services (763, . 764, 7692, 7699)
V	. 552)	V	761 . Pri vate Households (88)
•	· = =/	-	(00)

DATA	SIZE BEGIN	DATA SIZE BEGIN
V	762 . Hotels and motels (701) 770 . Lodging places, except hotels . and motels (702, 703, 704) 771 . Laundry, cleaning, and	V 901 General government, n.e.c. V (919) V 910 Justice, public order, and V safety (92) V 921 Public finance, taxation, and
V V V	. garment services (721 except . part 7219) 772 . Beauty shops (723) 780 . Barber shops (724)	V 921 . Public finance, taxation, and V monetary policy (93) V 922 . Human resources programs administration (94)
V V V	781 . Funeral service and . crematories (726) 782 . Shoe repair shops (725) 790 . Dressmaking shops (part 7219)	V . housing programs V . administration(95) V 931 . Economic programs
V V V V	791 . Misc personal services (722, . 729) 800 . Theaters and motion pictures . (781-783, 792)	V administration(96) V 932 National security and V international affairs (97) V 991 Persons whose labor force
V 8 V 8 V 8 V 7	801 . Video tape rental (784) 802 . Bowling centers (793) 810 . Miscellaneous entertainment . and recreation services (791, . 794, 799)	V status is unemployed and V whose last job was Armed V Forces  D AJBIND2 1 1021
V 8	812 Physicians offices and clinics (801, 803) 820 Dentists offices and clinics (802)	T JB: Allocation flag for EJBIND2. Allocation flag for industry code. This variable repeats once per wave. Its value is subject to change between waves.
V V V	821 . Chiropractors offices and . clinics (8041) 822 . Optometrists offices and . clinics (8042)	V 0. Not imputed V 1. Statistical imputation(hot deck) V 2. Cold deck imputation V 3. Logical imputation(derivation)
V V V 8	830 . Health practitioners offices . and clinics, n.e.c. (8043, . 8049) 831 . Hospitals (806)	V 4 . Statistical or logical V . imputation using previous wave V . data
V V V	832 . Nursing and personal care . facilities (805) 840 . Health services, n. e. c. (807, . 808, 809) 841 . Legal services (81)	D TJB0CC2 3 1022 T JB: Occupational classification code This variable repeats once per wave. Its value is subject to change between
V 8 V 8	842 .Elementary and secondary .schools (821) 850 .Colleges and universities	waves. U All persons 15+ at the end of the reference period with two or more jobs during the reference period. (Excludes contingent workers.) EPOPSTAT = 1 and EPDJBTHN = 1 and
V V	. (822) 851 . Vocational schools (824) 852 . Libraries (823) 860 . Educational services, n. e. c. . (829)	EJOBCNTR > 1 and ECFLAG not equal to 1 V -1 .Not in universe V 4 .Chief executives and general .administrators, public
V V V	861 . Job training and vocational . rehabilitation services (833) 862 . Child day care services (part . 835)	V . administration (112) V 5 . Administrators and officials, V . public administration (1132- V . 1139)
V V V	863 . Family child care homes (part . 835) 870 . Residential care facilities, . w/out nursing (836) 871 . Social services, n. e. c. (832,	V 6 . Administrators, protective V . services (1131) V 7 . Financial managers (122) V 8 . Personnel and labor relations V . managers (123)
V V 8	. 839) 872 . Museums, art galleries, and . zoos (84) 873 . Labor unions (863)	V 9 . Purchasing managers (124) V 13 . Managers, marketing, V . advertising, and public V . relations (125)
V 8 V 8	880 . Religious organizations (866) 881 . Membership organizations, . n. e. c. (861, 862, 864, 865, . 869) 882 . Engineering, architectural,	V 14 . Admin, education and rel. V . fields (128) V 15 . Managers, medicine and health V . (131)
V V	. and surveying services (871) 890 . Accounting, auditing, and . bookkeeping services (872)	V .lodging establishments (1351) V 18 .Managers, properties and real V .estate (1353)
V V V	891 . Research, development, and testing services (873) 892 . Management and public relations services (874)	V 19 . Funeral directors (part 1359) V 21 . Managers, service V . organizations, n.e.c. (127, V . 1352, 1354, part 1359) V 22 . Managers and administrators.
V	893 . Miscellaneous professional and rel. services (899) 900 . Executive and legislative . offices (911-913)	V 22 . Managers and administrators, V . n. e. c. (121, 126, 132-1343, V . 136-139) V 23 . Accountants and auditors

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V	. (1412) 24 . Underwriters (1414)	V V	95 . Registered nurses (29) 96 . Pharmacists (301)
V	25 . Other financial officers	V	97. Dietitians (302)
V V	. (1415, 1419) 26 . Management analysts (142)	V V	98 . Respiratory therapists (3031) 99 . Occupational therapists
V	27 . Personnel, training, and	<u>V</u>	. (3032)
V V	.labor relations spēcialists .(143)	V V	103 . Physical therapists (3033) 104 . Speech therapists (3034)
V	28 Purchasing agents and buyers,	V V	105 . Therapists, n. e. c. (3039) 106 . Physicians' assistants (304)
V V	. farm products (1443) 29 . Buyers, wholesale and retail	<b>V</b>	113 . Earth, environmental, and
V V	.trade except farm products .(1442)	V V	. mari ne science teachers . (2212)
V	33 . Purch. agents and buyers,	V	114 . Biological science teachers
V V	n.e.c. (1449) 34 .Business and promotion agents	V V	. (2213) 115 . Chemistry teachers (2214)
V V	. (145) 35 . Construction inspectors	V V	116 . Physics teachers (2215) 117 . Natural science teachers,
V	. (1472)	V	. n. e. c. (2216)
V V	36 .Inspectors and compliance .officers, except construction	V V	118 . Psychology teachers (2217) 119 . Economics teachers (2218)
V	. (1473)	V	123 . History teachers (2222)
V V	37 . Management rel. occupations, . n. e. c. (149)	V V	124 . Political science teachers . (2223)
V V	43 Architects (161)	V V	125 . Sociology teachers (2224) 126 . Social science teachers,
V	44 . Aerospace engineers (1622) 45 . Metallurgical and materials	V	. n. e. c. (2225)
V V	. engi neers (1623) 46 . Mi ni ng engi neers (1624)	V V	127 . Engineering teachers (2226) 128 . Math. science teachers (2227)
V	47 . Petroleum engineers (1625) 48 . Chemical engineers (1626)	V	129 . Computer science teachers
V V	48 . Chemical engineers (1626) 49 . Nuclear engineers (1627)	V V	. (2228) 133 . Medical science teachers
V	53 . Civil engineers (1628)	V V	. (2231)
V V V	54 . Agri cul tural engi neers (1632) 55 . Engi neers, electri cal and	V	134 . Health specialties teachers . (2232)
V V	. el ectronic (1633, 1636) 56 . Engineers, industrial (1634)	V V	135 Business, commerce, and marketing teachers (2233)
V	57 . Engineers, mechanical (1635)	V	136 . Agriculture and forestry
V V	58 . Marine and naval architects . (1637)	V V	. teachers (2234) 137 Art. drama. and music
V	59 . Engi neers, n. e. c. (1639)	V V	137 Art, drama, and music teachers (2235)
V V	63 . Surveyors and mapping . scientists (164)	V	138 . Physical education teachers . (2236) 139 . Education teachers (2237)
V	64 .Computer systems analysts and .scientists (171)	V	139 . Education teachers (2237) 143 . English teachers (2238)
V V	65 Operations and systems	<u>V</u>	144 Foreign language teachers
V V	. researchers and analysts . (172)	V V	. (2242) 145 . Law teachers (2243)
V V	66 . Actuaries (1732)	V V	146 . Social work teachers (2244)
V	67 . Statisticians (1733) 68 . Mathematical scientists,	V	147 . Theology teachers (2245) 148 . Trade and industrial teachers
V V	. n. e. c. (1739) 69 . Physicists and astronomers	V V	. (2246) 149 . Home economics teachers
V	. (1842, 1843)	V	. (2247)
V	73 . Chemists, except biochemists . (1845)	V V	153 . Teachers, postsecondary, . n. e. c. (2249)
V	74 . Atmospheric and space	V V	154 . Postsecondary teachers, . subject not specified
V	. scientists (1846) 75 . Geologists and geodesists	V	155 . Teachers, prekindergarten and
V	. (1847) 76 . Physical scientists, n. e. c.	V V	. ki ndergarten (231) 156 . Teachers, el ementary school
<u>V</u>	. (1849)	V	157 . Teachers, secondary school
V V	77 . Agricultural and food . scientists (1853)	V V	. (233)
V	78 Biological and life	V V	158 Teachers, special education
V	. scientists (1854) 79 . Forestry and conservation	V	159 . Teachers, n. e. c. (236, 239)
V V	. scientists (1852) 83 . Medical scientists (1855)	V V	163 . Counselors, Educational and
<b>y</b>	84 . Physicians (261) 85 . Dentists (262)	V	. Vocati onal (24) 164 . Li brari ans (251)
V	85 . Veteri nari ans (27)	V V	165 Archivists and curators (252) 166 Economists (1912)
V V	86 . Veterinarians (27) 87 . Optometrists (281)	V	167 . Psychologists (1915)
V V V V V V V V V V V V V V V V V	88 . Podiatrists (283) 89 . Health diagnosing	V V	168 . Soci ol ogists (1916) 169 . Şoçi al şçi entiştş, n. e. c.
V	. practitioners, n.e. c. (289)	V	. (1913, 1914, 1919)

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V       194
Workers, n. e. c. (328, 329)   V   275   Sales counter clerks (4363)   V   195   Editors and reporters (331)   V   276   Cashiers (4364)   V   197   Public relations specialists   V   277   Street and door-to-door sales   Workers (4366)   V   198   Announcers (333)   V   278   News vendors (4365)   V   199   Athletes (34)   V   283   Demonstrators, promoters and   V   203   Clinical laboratory   V   models, sales (445)   W   284   Auctioneers (447)   Eachnologists and technicians   V   284   Auctioneers (447)   Sales support occupations,   N   204   Dental hygienists (363)   V   285   Sales support occupations,   N   205   Health record technologists   V   205   Health record technologists   V   206   Radiologic technicians (364)   V   207   Licensed practical nurses   V   207   Licensed practical nurses   V   208   Health technologists and   V   205   Supervisors, financial   V   213   Electrical and electronic   V   213   Electrical and electronic   V   214   Industrial engineering   V   307   Supervisors, distribution.
V 195 . Editors and reporters (331) V 276 . Cashi ers (4364) 197 . Public relations specialists V 277 . Street and door-to-door sales . (332) V 278 . News vendors (4366) V 198 . Announcers (333) V 278 . News vendors (4365) V 199 . Athletes (34) V 283 . Demonstrators, promoters and . models, sales (445) V 199 . Athletes (34) V 284 . Auctioneers (447) V 199 . Athletes (34) V 285 . Demonstrators, promoters and . models, sales (445) V 199 . Athletes (34) V 284 . Auctioneers (447) V 199 . Athletes (34) V 285 . Sales support occupations, . n. e. c. (444, 446, 449) V 203 . Clinical laboratory V 284 . Auctioneers (447) V 204 . Dental hygienists (363) V 285 . Sales support occupations, . n. e. c. (444, 446, 449) V 205 . Health record technologists V 303 . Supervisors, general office . (4511, 4513, 4514, 4516, V 206 . Radiologic technicians (365) V 304 . Supervisors, computer . (366) V 305 . Supervisors, computer . (366) V 208 . Health technologists and V 305 . Supervisors, financial . records processing (4512) V 208 . Health technologists and V 305 . Supervisors, financial . records processing (4521) V 213 . Electrical and electronic V 306 . Chi ef communications . operators (4523) V 214 . Industrial engineering V 307 . Supervisors. distribution.
V
V       198 . Ånnouncers (333)       V       278 . News vendors (4365)         V       199 . Athletes (34)       V       283 . Demonstrators, promoters and models, sales (445)         V       203 . Clinical laboratory       V       . models, sales (445)         V       . technologists and technicians       V       284 . Auctioneers (447)         V       . (362)       V       285 . Sales support occupations, n. e. c. (444, 446, 449)         V       204 . Dental hygienists (363)       V       . n. e. c. (444, 446, 449)         V       205 . Health record technologists       V       303 . Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)         V       206 . Radiologic technicians (365)       V       . 4519, 4529)         V       207 . Licensed practical nurses       V       . 304 . Supervisors, computer (4512)         V       . (366)       V       . equipment operators (4512)         V       208 . Health technologists and (4521)       V       . supervisors, financial (4521)         V       213 . Electrical and electronic (4523)       V       . operators (4523)         V       214 . Industrial engineering       V       . Supervisors, distribution.
V 199 Athletes (34) V 203 .Clinical laboratory V .models, sales (445) V technologists and technicians V 284 .Auctioneers (447) V (362) V 285 .Sales support occupations, V 204 .Dental hygienists (363) V 285 .Sales support occupations, N 205 .Health record technologists V 303 .Supervisors, general office N 206 .Radiologic technicians (364) V 303 .Supervisors, general office N 207 .Licensed practical nurses V 304 .Supervisors, computer N 308 .Health technologists and V 309 .Supervisors, financial N 208 .Health technologists and V 305 .Supervisors, financial N 208 .Electrical and electronic V 306 .Chief communications N 213 .Electrical and electronic V 306 .Chief communications N 214 .Industrial engineering V 307 .Supervisors, distribution.
V .technologists and technicians V .(362) V .(362) V .(362) V .(362) V .(363) V .(362) V .(363) .(4511, 4513, 4514, 4516, 4516, 4519, 4529) V .(366) V .(4511, 4513, 4514, 4516, 4519, 4529) V .(366) V .
V       .(362)       V       285 . Sales support occupations, n. e. c. (444, 446, 449)         V       204 . Dental hygienists (363)       V       n. e. c. (444, 446, 449)         V       205 . Heal th record technologists       V       303 . Supervisors, general office         V       . and technicians (364)       V       . (4511, 4513, 4514, 4516, 4519, 4529)         V       206 . Radiologic technicians (365)       V       . 4519, 4529)         V       207 . Licensed practical nurses       V       304 . Supervisors, computer         V       . (366)       V       . equipment operators (4512)         V       208 . Heal th technologists and technicians, n. e. c. (369)       V       . records processing (4521)         V       213 . Electrical and electronic technicians (3711)       V       . operators (4523)         V       214 . Industrial engineering       V       307 . Supervisors, distribution.
V 205 . Health record technologists V 303 . Supervisors, general office V . and technicians (364) V . (4511, 4513, 4514, 4516, 4519, 4529) V 206 . Radiologic technicians (365) V . 304 . Supervisors, computer V . (366) V . equipment operators (4512) V 208 . Health technologists and V . technicians, n. e. c. (369) V . records processing (4521) V 213 . Electrical and electronic V . technicians (3711) V . operators (4523) V 214 . Industrial engineering V 307 . Supervisors, distribution.
V 206 . Radiologic technicians (365) V .4519, 4529) V 207 . Licensed practical nurses V .(366) V .equipment operators (4512) V 208 . Health technologists and V .technicians, n. e. c. (369) V .records processing (4521) V 213 . Electrical and electronic V .technicians (3711) V .operators (4523) V 214 . Industrial engineering V .supervisors, distribution.
V 206 . Radiologic technicians (365) V .4519, 4529) V 207 . Licensed practical nurses V .(366) V .equipment operators (4512) V 208 . Health technologists and V .technicians, n. e. c. (369) V .records processing (4521) V 213 . Electrical and electronic V .technicians (3711) V .operators (4523) V 214 . Industrial engineering V .supervisors, distribution.
V .(366) V .equipment operators (4512) V 208 .Health technologists and V .supervisors, financial V .technicians, n.e.c. (369) V .records processing (4521) V 213 .Electrical and electronic V .technicians (3711) V .operators (4523) V 214 .Industrial engineering V .Supervisors, distribution.
V .technicians, n.e.c. (369) V .records processing (4521) V 213 .Electrical and electronic V 306 .Chief communications V .technicians (3711) V .operators (4523) V 214 .Industrial engineering V 307 .Supervisors, distribution.
V .technicians, n.e.c. (369) V .records processing (4521) V 213 .Electrical and electronic V 306 .Chief communications V .technicians (3711) V .operators (4523) V 214 .Industrial engineering V 307 .Supervisors, distribution.
V . techni ci ans (3711) V . operators (4523) V 214 . Industri al engi neeri ng V 307 . Supervi sors, di stri buti on.
V 214 . Industrial engineering V 307 . Supervisors. distribution.
V . technicians (3712) V . scheduling, and adjusting
V 215 . Mechani cal engi neeri ng V . clerks (4522, 4524-4528) V . techni ci ans (3713) V 308 . Computer operators (4612)
V 216 Engineering technicians. V 309 Peripheral equipment
V .n.e.c. (3719) V .operators (4613) V 217 .Drafting occupations (372) V 313 .Secretaries (4622)
v 218. Surveying and mapping v 314. Stenographers (4623)
V . techni ci ans (373) V 315 . Typi sts (4624)
V 223 . Bi ol ogi cal techni ci ans (382) V 316 . Intervi ewers (4642) V 224 . Chemi cal techni ci ans (3831) V 317 . Hotel clerks (4643)
V 225 . Science technicians, n.e.c. V 318 . Transportation ticket and
V . (3832, 3833, 384, 389) V . reservation agents (4644)
V 226 . Airplane pilots and V 319 . Receptionists (4645) V . navigators (825) V 323 . Information clerks, n.e.c.
V 227 . Air traffic controllers (392) V . (4649)
V . (393) V 326 . Correspondence clerks (4663) V 229 . Computer programmers (3971, V 327 . Order clerks (4664)
V 328 Personnel clerks, except
V 233 . Tool programmers, numerical V . payroll and timekeeping V . control (3974) V . (4692)
V 234 Legal assistants (396) V 329 Library clerks (4694)
V 235 . Technicians, n. e. c. (399) V 335 . File clerks (4696)
V 243 . Supervisors and Proprietors, V 336 . Records clerks (4699) V Sales Occupations (40) V 337 . Bookkeepers, accounting, and
V 253 Insurance sales occupations V auditing clerks (4712)
V . (4122) V 338 . Payrol L and timekeeping
V 254 Real estate sales occupations V .clerks (4713) V .(4123) V 339 Billing clerks (4715)
V 255 . Securities and financial V 343 . Cost and rate clerks (4716)
V .services sales occupations V 344 .Billing, posting, and V .calculating machine operators
V . (4124) V . calculating machine operators V 256 . Advertising and rel. sales V . (4718)
V . occupations (4153) V 345 . Duplicating machine operators
V 257 . Sales occupations, other V . (4722) V . business services (4152) V 346 . Mail preparing and paper
V 258 . Sales engineers (421) V . handling machine operators

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V	. (4723) 347 . Office mach. operators,	V V	427 . Protective service . occupations, n. e. c. (5149)
V	. n. e. c. (4729)	v	433 . Supervisors, food preparation
V	348 . Tel ephone operators (4732)	V	and service occupations(5211)
V V	353 . Communi cati ons equi pment . operators, n. e. c. (4733,	V V	434 . Bartenders (5212) 435 . Waiters and waitresses (5213)
V	. 4739)	Ÿ	436 . Cooks (5214, 5215)
V	354 . Postal clerks, except mail	V V	438 . Food counter, fountain and
V V	. carriers (4742) 355 . Mail carriers, postal service	V	. rel. occupations (5216) 439 . Kitchen workers, food
<u>V</u>	. (4743)	<u>V</u>	. preparation (5217)
V V	356 . Mail clerks, except postal . service (4744)	V V	443 . Waiters'/waitresses' . assistants (5218)
V	357 . Messengers (4745)	<u>v</u>	444 Miscellaneous food
V V	359 . Di spatchers (4751) 363 . Producti on coordinators	V V	preparation occupations (5219)
V	. (4752)	v	445 . Dental assistants (5232)
V	364 Traffic, shipping, and	V	446 . Health aides, except nursing
V V	receiving clerks (4753) 365 Stock and inventory clerks	V V	. (5233) 447 . Nursing aides, orderlies, and
V	. (4754)	<u>V</u>	. attendants (5236)
V V	366 . Meter readers (4755) 368 . Weighers, measurers,	V V	448 . Supervi sors, cleaning and building service workers
<b>v</b>	checkers, and samplers (4756,	v	. (5241)
V V	4757) 272 Francistons (4758)	V V	449 . Mai ds and housemen (5242,
V	373 . Expediters (4758) 374 . Material recording,	V	. 5249) 453 . Janitors and cleaners (5244)
V	.scheduling, and distributing	Ÿ	454 . El evator operators (5245)
V V	. clerks,n.e. c. (4759) 375 . Insurance adjusters,	V V	455 . Pest control occupations
V	examiners, and investigators	<b>v</b>	. (5246) 456 . Supervisors, personal service
V	. (4782)	V V	. occupations (5251)
V V	376 Investigators and adjusters, except insurance (4783)	V	457 . Barbers (5252) 458 . Hai rdressers and
V	377 Eligibility clerks social	<u>Ÿ</u>	. cosmetol ogists (5253) 459 . Attendants, amusement and
V V	. welfare (4784) 378 . Bill and account collectors	V V	. recreation facilities (5254)
<b>v</b>	. (4786)	v	461 . Gui des (5255)
V	379 General office clerks (463)	V	462 . Ushers (5256)
V V	383 . Bank tellers (4791) 384 . Proofreaders (4792)	V V	463 . Public transportation . attendants (5257)
V	385 . Data-entry keyers (4793)	V	464 Baggage porters and bellhops
V V	386 . Statistical clerks (4794) 387 . Teachers' aides (4795)	V V	. (5262) 465 . Welfare service aides (5263)
V	389 . Administrative support	<u>Ÿ</u>	466 . Family child care providers
V V	. occupations, n. e. ĉ. (4787, . 4799)	V V	. (part 5264)
V	403 . Launderers and ironers (503)	V	467 .Early childhood teacher's .assistants (part 5264)
V	404 . Cooks, private household	V	468 . Child care workers. n. e. c.
V V	. (504) 405 . Housekeepers and butlers	V V	. (part 5264) 469 . Personal service occupations,
V	. (505)	<u>V</u>	. n. e. c. (5258, 5269)
V V	406 . Child care workers, private . hhld (506)	V V	473 . Farmers, except horticultural . (5512-5514)
V	407 . Private hhld cleaners and	v	474 . Horticultural specialty
V	. servants (502, 507, 509)	V V	. farmers (5515)
V V	413 . Supervisors, firefighting and . fire prevention	V	475 Managers, farms, except horticultural (5522-5524)
V	. occupati ons(5111)	<u>Ÿ</u>	476 . Managers, horticultural
V V	414 . Supervisors, police and . detectives (5112)	V V	. specialty farms (5525) 477 . Supervisors, farm workers
V	415 . Supervisors, guards (5113) 416 . Fire inspection and fire	Ÿ	. (5611)
V V	416 . Fire inspection and fire	V V	479 . Farm workers (5612-5617) 483 . Marine life cultivation
V	. prevention occupations (5122) 417 . Firefighting occupations	V	workers (5618)
V	. (5123)	V V	484 . Nursery workers (5619)
V V	418 Police and detectives, public service (5132)	V	485 . Supervisors, rel. . agricultural occupations
V	423 . Sheriffs, bailiffs, and other	Ÿ	. (5621)
V V	.law enforcement .officers(5134)	V V	486 . Groundskeepers and gardeners, except farm (5622)
V	424 . Correctional institution	Ÿ	487 . Animal caretakers, except
V	. officers (5133)	V	. farm (5624)
V V	425 . Crossing guards (5142) 426 . Guards and police, except	V V	488 . Grader and sorter, . agricultural products (5625)
<b>V</b>	public service (5144)	Ÿ	489 . Inspectors, agricultural

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V V V V V V V V V V V V V V V V V V	. products (5627) 494 . Supervisors, forestry and . logging workers (571) 495 . Forestry workers, except . logging (572) 496 . Timber cutting and logging . occupations (573, 579) 497 . Captains and other officers, . fishing vessels (part 8241) 498 . Fishers (583) 499 . Hunters and trappers (584) 503 . Supervisors, mechanics and . repairers (60) 505 . Automobile mechanics (part . 6111) 506 . Auto mechanic apprentices . (part 6111) 507 . Bus truck and stationary	V V V 557 V V 558 V V 563 V V 564 V V 565 V V 565 V V 565 V V 565 V V 566 5 V V 566 5 V V 566 5 V S 566 5 V S 566 5 V S 566 5 V V 566 5	. (6314) 6. Supervisors, painters, paperhangers, and plasterers . (6315) 7. Supervisors, plumbers, pipefitters, and steamfitters . (6316) 8. Supervisors, construction, n. e. c. (6311, 6318) 8. Brickmasons and stonemasons . (part 6412, part 6413) 8. Brickmason and stonemason apprentices (part 6412, part . 6413) 9. Tile setters, hard and soft . (part 6414, part 6462) 9. Carpenters (part 6422)
V V V V V V	507 . Bus, truck, and stationary . engine mechanics (6112) 508 . Aircraft engine mechanics . (6113) 509 . Small engine repairers (6114) 514 . Automobile body and rel repairers (6115) 515 . Aircraft mechanics, except . engine (6116) 516 . Heavy equipment mechanics	V 569 V 573 V 575 V 576 V 577 V 577	Carpenters (part 6422) Carpenter apprentices (part 6422) Carpenter apprentices (part 6422) Carpenter apprentices (6424) Carpenter (6432) Carpenter (6432) Carpenter (6432) Carpenter (6433)
V	. (6117) 517 . Farm equipment mechanics . (6118) 518 . Industrial machinery . repairers (613) 519 . Machinery maintenance . occupations (614) 523 . Electronic repairers, . communications and industrial	V 583 V 584 V 585 V 587 V 587 V 588	maintenance (6442) Paperhangers (6443) Plasterers (6444) Plumbers, pipefitters, and steamfitters (part 645) Plumber, pipefitter, and steamfitter apprentices (part 645) Concrete and terrazzo
V V V V	equipment (6151, 6153, 6155)  Data processing equipment repairers (6154)  Hhld appliance and power tool repairers (6156)  Telephone line installers and repairers (6157)  Telephone installers and repairers (6158)	V 593 V 594 V V V 595	finishers (6463) Glaziers (6464) Insulation workers (6465) Paving, surfacing, and tamping equipment operators (6466) Roofers (6468) Sheetmetal duct installers (6472)
V S S S S S S S S S S S S S S S S S S S	533 . Miscellaneous electrical and electronic equipment repairers (6152, 6159) 534 . Heating, air conditioning, and refrigeration mechanics (616) 535 . Camera, watch, and musical instrument repairers (6171,	V V 598 V 599 V 613 V 614	7. Structural metal workers . (6473) 3. Drillers, earth (6474) 3. Construction trades, n. e. c. . (6467, 6475, 6476, 6479) 3. Supervisors, extractive . occupations (632) 4. Drillers, oil well (652)
V V V V V	.6172) 536 .Locksmiths and safe repairers .(6173) 538 .Office machine repairers .(6174) 539 .Mechanical controls and valve .repairers (6175) 543 .Elevator installers and	V 616 V 617 V 628 V 634	<ul> <li>Explosives workers (653)</li> <li>Mining machine operators</li> <li>(654)</li> <li>Mining occupations, n. e. c.</li> <li>(656)</li> <li>Supervisors, production</li> <li>occupations (67, 71)</li> <li>Tool and die makers (part</li> </ul>
V V V V	repairers (6176) 544 . Millwrights (6178) 547 . Specified mechanics and repairers, n.e.c. (6177, .6179) 549 . Not specified mechanics and repairers 553 . Supervisors, brickmasons, . stonemasons, and tile setters	V V 636 V 637 V 639	. 6811) 5. Tool and die mkr apprentices . (part 6811) 6. Precision assemblers, metal . (6812) 7. Machinists (part 6813) 9. Machinist apprentices (part 6813) 9. Boilermakers (6814)
V V V	. (6312) 554 . Supervisors, carpenters and . rel. workers (6313) 555 . Supervisors, electricians and . power transmission installers	V 644 V 645 V 645	. Precision grinders, filers, . and tool sharpeners (6816) . Patternmakers and model . makers, metal (6817) . Lay-out workers (6821)

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V V	647 . Precious stones and metals . workers (Jewelers) (6822, . 6866)	V V V	715 . Miscellaneous metal, plastic, . stone, and glass working . machine operators (7329,
V V V	649 Engravers, metal (6823) 653 Sheet metal workers (part .6824)	V V V	. 7529) 717 . Fabri cati ng machi ne . operators, n. e. c. (7339,
V V V	654 . Sheet metal wrker apprentices . (part 6824) 655 . Misc precision metal workers (6829)	V V V	. 7539) 719 . Molding and casting machine . operators (7315, 7342, 7515, . 7542)
V V V	. (6829) 656 . Patternmkrs and model makers, . wood (6831) 657 . Cabi net makers and bench	V V V	723 . Metal plating machine . operators (7343, 7543) 724 . Heat treating equipment
V V V	. carpenters (6832) 658 . Furni ture and wood finishers . (6835)	V V V	. operators (7344, 7544) 725 . Misc metal and plastic . processing machine operators
V V V	659 . Misc precision woodworkers . (6839) 666 . Dresmakers (part 6852, part	V V V	. (7349, 7549) 726 . Wood lathe, routing, and . planing machine operators
V V V	. 7752) 667 . Tailors (part 6852) 668 . Upholsterers (6853) 669 . Shoe repairers (6854)	V V V	. (7431, 7432, 7631, 7632) 727 . Sawing machine operators . (7433, 7633) 728 . Shaping and ining machine
V V V	674 Misc precision apparel and fabric workers (6856, 6859, part 7752)	V V V	728 . Shaping and joining machine . operators (7435, 7635) 729 . Nailing and tacking machine . operators (7636)
V V V	675 . Hand molders and shapers, . except jewelers (6861) 676 . Patternmakers, lay-out	V V V	733 . Mi scellaneous woodworking . machine operators (7434, . 7439, 7634, 7639)
V V V V	workers, and cutters (6862) 677 Optical goods workers (6864, part 7477, part 7677)	V V V V	734 Printing press operators (7443, 7643) 735 Photoengravers and
V V V	678 . Dental laboratory and medical . appliance technicians (6865) 679 . Bookbinders (6844) 683 . Electrical/electronic	V V V	. lithographers (6842, 7444, .7644) 736 . Typesetters and compositors . (6841, 7642)
V V V	equipment assemblers (6867) 684 . Msc precision workers, n. e. c (6869)	V V V	737 . Miscellaneous printing . machine operators (6849, . 7449, 7649)
V V V	686 . Butchers and meat cutters . (6871) 687 . Bakers (6872)	V V V	738 . Winding and twisting machine . operators (7451, 7651) 739 . Knitting, looping, taping,
V V V	688 . Food batchmakers (6873, 6879) 689 . Inspectors, testers, and . graders (6881, 828)	V V V	. and weaving machine operators . (7452, 7652) 743 . Textile cutting machine
V V V V	693 . Adjusters and calibrators . (6882) 694 . Water and sewage treatment	V V V	operators (7654)  744 Textile sewing machine operators (7655)
V V V	. plant operators (691) 695 . Power plant operators (part . 693) 696 . Stationary engineers (part	V V V	745 . Shoe machine operators (7656) 747 . Pressing machine operators . (7657) 748 . Laundering and dry cleaning
V V V	699 . Mi scell aneous plant and . system operators (692, 694,	V V V	. machine operators (6855, .7658) 749 . Miscellaneous textile machine
V V V	. 695, 696) 703 . Set-up operators, lathe and . turning machine (7312)	V V V	operators (7459, 7659) 753 Cementing and gluing machine operators (7661)
V V V V	704 . Operators, lathe and turning . machine (7512) 705 . Milling and planing machine . operators (7313, 7513)	V V V	754 Packaging and filling machine operators (7462, 7662) 755 Extruding and forming machine operators (7463, 7663)
V V V	706 . Punching and stamping press machine operators (7314.	V V V	. operators (7463, 7663) 756 . Mixing and blending machine . operators (7664) 757 . Separating, filtering, and
V V V	. 7317, 7514, 7517) 707 . Rolling machine operators . (7316, 7516) 708 . Drilling and boring machine	V V V	. clarifying machine operators . (7476, 7666, 7676) 758 . Compressing and compacting
V V V	operators (7318, 7518) 709 Grinding, abrading, buffing, and polishing machine	V V V	. machi ne opërators (7467, . 7667) 759 . Pai nti ng and pai nt sprayi ng
V V V	. operators (7322, 7324, 7522) 713 . Forging machine operators . (7319, 7519)	V V V	. machi ne operators (7669) 763 . Roasti ng and baki ng machi ne . operators, food (7472, 7672)
V V	714 . Numeri cal control machi ne . operators (7326)	V	764 . Washing, cleaning, and pickling machine operators

DATA	SIZE BEGIN	DATA SIZE BEGIN
V	. (7673)	V 849 . Crane and tower operators
<u>V</u> 7	765 Folding machine operators	V . (8315)
V V 7	. (7474, 7674) 766 . Furnace, kiln, and oven	V 853 . Excavating and loading V machine operators (8316)
V	operators, except food (7675)	V 855 . Grader, dozer, and scraper
V 7	768 Crushing and grinding machine	V .operators (8317) V 856 .Industrial truck and tractor
Ÿ	. operators (part 7477, part . 7677)	V equipment operators (8318)
V 7	769 . Slicing and cutting machine	V 859 . Misc material moving
V V 7	. operators (7478, 7678) 173 . Motion picture projectionists	V . equi pment operators (8319) V 864 . Supervi sors, handlers,
V	. (part 7479)	V . equi pment cleaners, and
V 7	774 . Photographi c process machi ne . operators (6863, 6868, 7671)	V . laborers, n. e. c. (85) V 865 . Helpers, mechanics, and
V 7	777 . Miscellaneous machine	V repairers (863)
V V	. operators, n. e. c. (part 7479, . 7665, 7679)	V 866 . Hel pers, construction trades V . (8641-8645, 8648)
	779 . Machine operators, not	V 867 . Helpers, surveyor (8646)
V	. specified	V 867 .Helpers, surveyor (8646) V 868 .Helpers, extractive V occupations (865)
V V	783 . Welders and cutters (7332, . 7532, 7714)	V . occupations (865) V 869 . Construction laborers (871)
V 7	784 . Solderers and brazers (7333,	V 874 . Production helpers (861, 862)
V V 7	. 7533, 7717) 785 . Assemblers (772, 774)	V 875 . Garbage collectors (8722) V 876 . Stevedores (8723)
V 7	786 . Hand cutting and trimming	V 877 Stock handlers and baggers
V V 7	occupations (7753) 787 . Hand molding, casting, and	V . (8724) V 878 . Machi ne feeders and
V	. forming occupations (7754,	V . offbearers (8725)
V V 7	.7755) 780 Hand painting coating and	V 883 . Freight, stock, and material V . handlers, n.e.c. (8726)
V	789 . Hand painting, coating, and .decorating occupations (7756)	V . handlers, n.e.c. (8726) V 885 . Garage and service station
V 7	793 . Hand engraving and printing . occupations (7757)	V . rel. occupations (873)
V V 7	. occupations (7/57) 195 . Miscellaneous hand working	V 887 . Vehi cle washers and equi pment cleaners (875)
V	. occupations (7758, 7759)	V 888 . Hand packers and packagers
V 7	796 Production inspectors, checkers, and examiners (782,	V . (8761) V 889 . Laborers, except construction
	. 787) . 797 . Production testers (783)	V . (8769)
V 7	797 . Production testers (783) 798 . Production samplers and	V 905 . Persons whose current labor V force status is unemployed
Ÿ	. wei ghers (784)	V . and last job was Armed Forces
V 7	799 . Graders and sorters, except	D A IDOCCO 1 1095
V 8	. agri cul tural (785) 303 . Supervi sors, motor vehi cle	D AJB0CC2 1 1025 T JB: Allocation flag for TJB0CC2.
V	. operators (8111)	Allocation flag for occupation code.
V 8	304 . Truck drivèrs (8212-8214) 306 . Driver-sales workers (8218)	This variable repeats once per wave. Its value is subject to change between waves.
V 8	308 . Bus drivers (8215)	V 0 . Not imputed
V 8	309 . Taxi cab dri vèrs and . chauffeurs (8216)	V 1 . Statistical imputation(hot deck) V 2 . Cold deck imputation
Ÿ 8	313 . Parking lot attendants (874)	V 3 . Logical imputation(derivation)
V 8	314 . Motor transportation . occupations, .n. e. c. (8219)	V 4 Statistical or logical V imputation using previous wave
Ý 8	323 . Railfroad conductors and	V . data
V	. vardmasters (8113)	D EBN01 2 1026
V	324 . Locomotive operating . occupations (8232)	D EBN01 2 1026 T BS: Across-wave business index/number
V 8	325 . Railroad brake, signal, and	Unique business number that will remain
V V 8	. switch operators (8233) 326 . Rail vehicle operators,	the same from wave to wave. This variable repeats once per wave. Its value
V	. n. e. c. (8239)	is subject to change between waves.
V 8	328 . Ship captains and mates, . except fishing boats (part	U All persons 15+ at the end of the reference period who had a business during the
V V	. 8241, 8242)	reference period. EPOPSTAT = 1 and EPDJBTHN
V 8	329 . Sailors and deckhands (8243) 333 . Marine engineers (8244)	= 1 and EBUSCNTR > 0 V -1 . Not in universe
V 8	334 . Bridge, lock, and lighthouse	V 01: 99 . Busi ness ID
V	. tenders (8245)	
V	343 . Supervisors, material moving equipment operators (812)	D EBIZNOWI 2 1028 T BS: Ownership of business
V 8	344 .Operating engineers (8312)	Does still own this business?
V 8	845 . Longshorē equipment operators . (8313)	This variable repeats once per wave. Its value is subject to change between waves.
V 8	.(8313)	U All persons 15+ at the end of the reference
V	. (8314)	period who had a business during the

DA	ATA SIZE	BE	GI N	DA	ATA	SIZE	BEGI N
V	= 1 and (EBUSCN	TR	EPOPSTAT = 1 and EPDJBTHN not equal -1) universe	V V D	ERENDB1	. dat	
D	ABIZNOW1 1 BS: Allocation Allocation f business. T	10 fla lag his	30 g for EBIZNOWI for current ownership of variable repeats once		What is ended t practic	the his b e. or	ness ended main reason gave up or usiness, professional farm? This variable per wave. Its value is hange between waves. at the end of the reference
V V V V	between wave 0 . Not 1 . Sta 2 . Col 3 . Log 4 . Sta	s. im tis d d ica tis	tical imputation(hot deck) eck imputation l imputation(derivation) tical or logical	V V	reference busi ness. EBUSCNTR > -1	nad peri o EPOPS 0 an . Not . Ret	a business during the d but who no longer have that TAT = 1 and EPDJBTHN = 1 and d EBIZNOW1 = 2 in universe irement or old age
V	. 1 mp . dat TSBDATE1 8	uta	ction using previous wave	V V V	3	. Oth	ldcare problems er family/personal problems illness injury
Ť	BS: Date operat When did business? Ye Month digits 7-8 Range 01	i on be ar 5- : 31	of business began gin operating this digits 1-4 Range 1926: 2000 6 Range 01: 12 Day digits This variable repeats Its value is subject to	V V V V V	6 7 8 9	. Sch . Wen . Sol . own . To	ool/training t bankrupt/business failed d business or transferred ership start other business/take job son ended for a seasonal
U	change betwe All persons 15+ period who had reference perio	en at a b d.	waves. the end of the reference usiness during the EPOPSTAT = 1 and EPDJBTHN	V V D	11 ARENDB1	. bus . Qui 1	iness t for some other reason 1051
V V	= 1 and EBUSCNT	K > in	uni verse	Т	Allocat ended.	ion f This	flag for ERENDB1 lag for reason business variable repeats once per
D T	ASBDATE1 1 BS: Allocation Allocation f business beg once per wav change betwe	fla lag an. e.	g for TSBDATE1 for date operation of This variable repeats Its value is subject to	V V V V	between 0 1 2	wave . Not . Sta . Col	lue is subject to change s. imputed tistical imputation(hot deck) d deck imputation ical imputation(derivation) tistical or logical
V V V V V	0.Not	im tis d d	puted tical imputation(hot deck) eck imputation l imputation(derivation) tical or logical	V V D	EHRSBS1	. 1 mp . dat	utation using previous wave
V D	. dat	uta a 10	tion using previous wave	•	Between how man work at This va	MONT y hou all ri abl	H1 1st and the end of MONTH4, rs per week did usually activities for this business? e repeats once per wave.
	When was the business? Ye Month digits 7-8 Range 01 once per wav change betwe	1 a ar 5- : 31 e. en	of business ended st date had this digits 1-4 Range 1926: 2000 6 Range 01: 12 Day digits This variable repeats Its value is subject to waves.		waves. All person period who reference = 1 and EB	s 15+ had perio USCNT	at the end of the reference a business during the d. EPOPSTAT = 1 and EPDJBTHN R > 0 in universe
U	peri od who had reference peri o busi ness. E	a b d b POP	the end of the reference usiness during the ut who no longer have that STAT = 1 and EPDJBTHN = 1	V D T	AHRSBS1 BS: Alloca	ti on	1054 flag for EHRSBS1
V V	AND EBUSCNTR > -1 . Not 19260101: 200002	i n	uni verse		per wee per wav	k. T e. It	lag for usual hours worked his variable repeats once s value is subject to change
T V	BS: Allocation Allocation f business end once per wav change betwe 0 . Not	ea. e. en i m	g for TEBDATE1 for date operation of This variable repeats Its value is subject to waves. puted	V V V V V V	1 2 3	. Not . Sta . Col . Log . Sta	imputed tistical imputation(hot deck) d deck imputation ical imputation(derivation) tistical or logical utation using previous wave
V V V	1 . Sta 2 . Col 3 . Log	tis d d ica	tical imputation(hot deck) eck imputation l imputation(derivation) tical or logical		EGROSB1 BS: Antici Do you	2 pated thi nk	1055 gross-earnings level the earnings before expenses

DA	ATA SI ZE	BEGI N	D	ATA	SIZE	BEGI N
V V V	over the new variable rep is subject to All persons 15-period who had reference period =1 and EBUSCNTF -1 . Not 1 . Yes 2 . No		V V V V V	per wav between 0 1 2 3	waves Not Stat Colo Logi Stat Stat	flag for EEMPB1 ag for maximum number of fhis variable repeats once s value is subject to change s. imputed istical imputation(hot deck) deck imputation cal imputation(derivation) istical or logical itation using previous wave
T T	Allocation i earnings lev	1057 flag for EGROSB1 flag for anticipated gross vel. This variable repeats ve. Its value is subject to		EINCPB1 BS: Incorp		1064
V V V V V	change betwe 0 . Not 1 . Sta 2 . Co 3 . Log 4 . Sta	een waves. t imputed atistical imputation(hot deck) d deck imputation gical imputation(derivation) atistical or logical butation using previous wave	U	variabl is subj All person period who reference expected t before exp	e reperent to the ect	eats once per wave. Its value of change between waves. at the end of the reference a business during the label which earned or or is nore than \$2,500 per year < BR > EPOPSTAT = 1 and EBUSCNTR > 0 and (EGRSSB1 =
	BS: Earnings le	1058 evel last 12 months the earnings before expenses usiness were \$2,500 or more	V V V	- 1 1		in universe
V V V	over the las operated the repeats once subject to of All persons 15- period who had reference period business. EPOPS EBUSCNTR > 0 ar -1 . Not 1 . Yes 2 . No	st twelve months that be business? This variable be per wave. Its value is change between waves. be at the end of the reference a business during the bod but who no longer have that STAT = 1 and EPDJBTHN = 1 and and EBIZNOWI = 2 t in universe	D T V V V V V V	repeats subject 0 1 2 3	tion fion florporate once to clook. Not . State . Colo	flag for EINCPB1 ag for whether the business ted. This variable per wave. Its value is nange between waves. imputed istical imputation(hot deck) I deck imputation cal imputation(derivation) istical or logical itation using previous wave
D T V V V	BS: Allocation Allocation f last 12 mont once per way change betwee 0 . Not 1 . Sta	1060 flag for EGRSSB1 flag for earnings level during ths. This variable repeats ve. Its value is subject to the en waves. timputed atistical imputation(hot deck) d deck imputation	Т	Does herself variabl is subj All person	. own or is e repe ect to s 15+	1067 prietorship this business himself or s it a partnership? This eats once per wave. Its value o change between waves. at the end of the reference an unincorporated business
V V V V	3 . Log 4 . St	gical imputation(derivation) ntistical or logical outation using previous wave		during the is expecte year befor EPDJBTHN =	e refered ed to e e expe e 1 and	rence period which earned or earn more than \$2,500 per enses. EPOPSTAT = 1 and d EBUSCNTR not equal to -1 l or EGROSB1 = 1) and EINCPB1
D T	What was the including at any one t	1061  wher of employees e maximum number of employees . working for this business cime? This variable	V V V	= 2 - 1 1	. Not . al oi	in universe
U	repeats once subject to c All persons 15- period who had reference period expected to ear before expenses	e per wave. Its value is change between waves.  It at the end of the reference a business during the od which earned or or is rn more than \$2,500 per year s. < BR > EPOPSTAT = 1 and and EBUSCNTR > 0 and (EGRSSB1 =	T V V	Allocat proprie once pe change 0 1	tion fiction flater wave between . Not	1069 Flag for EPROPB1 ag for type of p. This variable repeats e. Its value is subject to en waves. imputed cistical imputation(hot deck) d deck imputation
V V V	- 1 . Not 1 . Uno 2 . 25:	in universe ler 25 employees 99 employees )+ employees	V V V V	3	. Logi . Stat	cal imputation(derivation) istical or logical utation using previous wave

DATA SIZE BEGIN 2 . No D AOI NCB1 1078 T BS: Allocation flag for EOINCB1
Allocation flag for receipt of non-salary income. This variable repeats once per wave. Its value is subject to change between waves. 1 . Not imputed
1 . Statistical imputation(hot deck)
2 . Cold deck imputation
3 . Logical imputation(derivation)
4 . Statistical or logical V V V V . imputation using previous wave D TPRFTB1 5 1079
T BS: Net profit or loss
What is your estimate of the net profit or loss, that is, the difference between gross receipts and expenses, during the reference period? This variable repeats once per wave. Its value is subject to change between waves.
U All persons 15+ at the end of the reference period who had a business during the reference business which was not D TPRFTB1 1079 reference business which was not incorporated and which was owned in partnership with another household member. EPOPSTAT = 1 and EPDJBTHN = 1 and EBUSCNTR > 0 and EINCPB1 not equal to 1 and EHPRTB1 = 1 -2500: 17450 . Dollars

0 . None or not in universe D APRFTB1 1 1084
T BS: Allocation flag for TPRFTB1
Allocation flag for net profit or loss.
This variable repeats once per wave.
Its value is subject to change between waves.

0 . Not imputed

1 . Statistical imputation(hot deck)

Cold deck imputation

(decivation) Statistical imputation
 Cold deck imputation
 Logical imputation(derivation)
 Statistical or logical imputation using previous wave V V V V D TBMSUM1 5 1085 T BS: Income received this month
What was the total amount of income ...
received from his or her business in this
month? This is a monthly variable.
Its value is subject to change between
month. U All persons 15+ at the end of the reference period who had a business during the reference period. EPOPSTAT = 1 and EPDJBTHN = 1 and EBUSCNTR > 0 0 . None or not in universe 1:50000 . Dollars D ABMSUMI 1 1090
T BS: Allocation flag for TBMSUMI
Allocation flag for business income received this month. This is a monthly variable. Its value is subject to change between months.
V 0 .Not imputed
V 1 .Statistical imputation(hot deck)
V 2 .Cold deck imputation
V 3 .Logical imputation(derivation)
V 4 .Statistical or logical
V .imputation using previous wave D ABMSUM1 .imputation using previous wave

D/	ATA	SIZE	BEGIN	DA'	TA :	SIZ	ZE BEGIN
D T	Which p partner	numbe erson in th	1091 er of partner 1 in the household is a ne respondent's business? er repeats once per wave. Its ect to change between waves.	V V V	15	. I	services Professional and related services Public administration
	All person period who reference household.	s 15+ had a period EPOPS	ect to change between waves. at the end of the reference a business during the d with a partner in the STAT = 1 and EPDJBTHN = 1 and d EHPRTB1 = 1	TI	BS: Allocat Allocati This van	ti o i or ri a	1 1105 on flag for TBSIND1 on flag for business industry. able repeats once per wave. is subject to change between
V V V	101: 1299	. Pers	in universe son number of partner ble to identify person # of cner	V V V V	1 2 3	. S . (	Not imputed Statistical imputation(hot deck) Cold deck imputation Logical imputation(derivation) Statistical or logical
D T	wnich o partner	numbe ther p	1095 er of partner 2 person in the household is a ne respondent's business?		ГВЅОСС1	. i . c	imputation using previous wave data 3 1106
U	value i All person period who	s subj s 15+ had a	e repeats once per wave. Its ect to change between waves. at the end of the reference a business during the with a partner in the		Its valı waves.	ri a ue	on code able repeats once per wave. is subject to change between  15+ at the end of the reference
V	household. EBUSCNTR >	EPOPS 0 and	TATH THE PARTIES IN THE STATE I AND STATE	ļ	peri od who reference p = 1 and EBI	ha per USC	ad a business during the riod. EPOPSTAT = 1 and EPDJBTHN
V	9999	. Unal . part	ole to identify person # of ener	V V V	4	. (	Chief executives and general administrators, public administration (112)
Ť	Which o partner	ther p	1099 er of partner 3 eerson in the household is a ne respondent's business? ee repeats once per wave. Its	V V V V		· I · 1 · A	Administrators and officials, public administration (1132- 1139) Administrators, protective services (1131)
U	value i All person period who reference	s subj s 15+ had a perioc	ect to change between waves. at the end of the reference a business during the l with a partner in the	V V V V		. I	Financial managers (122) Personnel and labor relations managers (123) Purchasing managers (124)
V	household. EBUSCNTR > - 1 101: 1299	EPOPS 0 and Not Pers	STAT = 1 and EPDJBTHN = 1 and l EHPRTB1 = 1 in universe son number of partner	V V V	13	. N . a . 1	Managers, marketing, advertising, and public relations (125) Admin, education and rel.
V V D	9999 TBSI ND1	. part	ole to identify person # of ner 1103	V V V		. N	fields (128) Managers, medicine and health (131) Managers, food serving and
	BS: Indust This va Its val	ry cooriable	e repeats once per wave. subject to change between	V V V	18	. l . №	lodging establishments (1351) Managers, properties and real estate (1353)
U	person who	had a peri oc	at the end of the reference a business during the d. EPOPSTAT = 1 and EPDJBTHN	V V V V	21	. N	Funeral directors (part 1359) Managers, service organizations, n.e.c. (127, 1352, 1354, part 1359) Managers and administrators,
V V V	- 1 1	. Not . Agri	in universe culture, forestry and neries	V V V V		. r . 1	Accountants and auditors (1412)
V V V V	3 4 5	. Cons . Manu . Manu	ng struction sfacturing: nondurable goods sfacturing: durable goods sportation, communications	V V V V	25	. U . (	Underwriters (1414) Other financial officers (1415, 1419) Management analysts (142)
V V V V V	7 8	and . Whol	other public utilities esale Trade: durable goods esale trade: nondurable	V V V V	27	. I . l	Personnel, training, and labor relations specialists (143) Purchasing agents and buyers,
V V V V	10	Fi na . 6 esta .	ls ail trade ance, insurance and real ate ness and repair services	V V V V		. f	farm products (1443) Buyers, wholesale and retail trade except farm products (1442)
V V	12	: Pers	sonal services ertainment and recreation	V V	33	. I	Purch. agents and buyers, n. e. c. (1449)

DATA	A SIZE BEGIN	DATA	SIZE BEGIN
V	34 . Business and promotion agents	V	115 . Chemistry teachers (2214)
V	. (145)	V	116 . Physics teachers (2215)
V	35 . Construction inspectors	V	117 . Natural science teachers,
V	. (1472)	V	. n. e. c. (2216)
V	36 .Inspectors and compliance .officers, except construction	V	118 Psychology teachers (2217) 119 Economics teachers (2218)
Ý	. (1473)	Ÿ	123 . History teachers (2222)
V	37 . Management rel. occupations,	V	124 .Political science teachers
V	. n. e. c. (149)	V	. (2223)
V	43 . Architects (161) 44 . Aerospace engineers(1622)	V V	125 . Soci ol ogy teachers (2224) 126 . Soci al Science teachers,
v	45 . Metallurgical and materials	V	. n. e. c. (2225)
Ý	engineers (1623)	Ÿ	127 Engineering teachers (2226)
V	46 . Mining engineers (1624)	V	128 . Math. science teachers (2227)
V	47 . Petroleum engineers (1625)	V	129 Computer science teachers
V	48 . Chemical engineers (1626) 49 . Nuclear engineers (1627)	V	. (2228) 133 . Medical science teachers
v	53 . Ci vi l engineers (1628)	v	. (2231)
Ý	54 . Agri cul tural engi neers (1632)	Ÿ	134 . Health specialties teachers
<u>V</u>	55 Engineers, electrical and	<u>V</u>	. (2232)
V	. el ectronic (1633, 1636)	V	135 Business, commerce, and
V	56 . Engineers, industrial (1634) 57 . Engineers, mechanical (1635)	V V	. marketing teachers (2233) 136 . Agriculture and forestry
V	58 . Marine and naval architects	V	teachers (2234)
Ÿ	. (1637)	Ÿ	137 . Art, drama, and music
V	59 . Engi neers, n. e. c. (1639)	<u>V</u>	. teachers (2235)
V	63 . Surveyors and mapping	V	138 . Physical education teachers
V	scientists (164)	V	. (2236) 139 . Education teachers (2237)
V	64 . Computer systems analysts and	V	139 Education teachers (2237)
Ů	. scientists (171) 65 . Operations and systems	ť	143 .English teachers (2238) 144 .Foreign language teachers
V	. researchers and analysts	V	. (2242)
V	. (172)	V	145 . Law teachers (2243)
V	66 . Actuaries (1732)	V	146 . Social work teachers (2244)
V	67 . Statisticiàns (1733) 68 . Mathematical scientists,	V	147 . Theology teachers (2245) 148 . Trade and industrial teachers
Ÿ	. n. e. c. (1739)	Ÿ	. (2246)
V	69 Physicists and astronomers	V	149 . Home economics teachers
V	. (1842, 1843)	V	. (2247)
V	73 . Chemists, except biochemists	V	153 . Teachers, postsecondary, . n. e. c. (2249)
V	. (1845) 74 . Atmospheric and space	V	154 . Postsecondary teachers,
Ý	. sci enti sts (1846)	Ÿ	. subject not specified
V	75 .Geologists and geodesists	V	155 . Teachers, prekindergarten and
V	. (1847)	V	. ki ndergarten (231)
V	76 . Physical scientists, n.e.c. . (1849)	V	156 . Teachers, elementary school . (232)
V	77 Agricultural and food	V	157 Teachers, secondary school
Ÿ	. scientists (1853)	Ÿ	. (233)
<u>V</u>	78 .Biological and life	<u>V</u>	158 . Teachers, special education
V	scientists (1854)	V	. (235) 159 . Teachers, n. e. c. (236, 239)
V V	79 Forestry and conservation scientists (1852)	V V	163 . Counselors, Educational and
v	83 . Medical scientists (1855)	V	. Vocational (24)
V	84 . Physi ci ans (261)	V	164 . Li brari ans (251)
V	85 . Dentists (262)	V	165 . Archivists and curators (252)
V	86 . Veteri nari ans (27)	V	166 . Economists (1912)
V	87 . Optometri sts (281) 88 . Podi atri sts (283)	V V	167 . Psychol ogi sts (1915) 168 . Soci ol ogi sts (1916)
V	89 . Health diagnosing	V	169 Social scientists n.e.c.
V	. practitioners. n.e.c. (289)	Ů	. (1913. 1914. 1919)
V	95 . Registered nurses (29)	<u>V</u>	173 . Urban planners (192)
V	96 . Pharmacists (301)	V	174 . Soci al workers (2032)
V	97 . Dietitians (302)	V V	175 Recreation workers (2033)
Ň	98 . Respiratory therapists (3031) 99 . Occupational therapists	Ÿ	176 . Clergy (2042) 177 . Religious workers, n. e. c.
Ý	. (3032)	V	. (2049)
V	103 Physical therapists (3033)	<u>V</u>	178 Lawyers and Judges (211, 212)
V	104 . Speech therapists (3034)	V	183 . Authors (321)
V	105 . Therapi sts. n. e. c. (3039) 106 . Physi ci ans' assi stants (304)	V	184 . Technical writers (398) 185 . Designers (322)
V	113 . Earth, environmental, and	V	186 . Musi ci ans and composers (323)
V	. marine science teachers	V	187 . Actors and directors (324)
Ÿ	. (2212)	Ÿ	188 . Painters, sculptors, craft-
V	114 Biological science teachers	V	artists, and artist
V	. (2213)	V	. pri ntmakers (325)

V	DATA	SIZE BEGIN	DATA	SIZE BEGIN
V				274 . Sales workers, other
V	-	193 . Dancers (327)	•	. commodities (4345, 4347,
195   Editors and reporters (331)   V   197   Cashiers (4364)		workers n e c (328 329)		275 Sales counter clerks (4363)
V		195 Editors and reporters (331)	•	276 . Cashi ers (4364)
198		197 . Public relations specialists		277 . Street and door-to-door sales
V   203	-	. (332)	•	. workers (4366)
Cachnol ogists and technicians   V   284   Auctioneers (447)		198 . Announcers (333) 199 . Athletes (34)		283 Demonstrators promoters and
Cachnol ogists and technicians   V   284   Auctioneers (447)	V	203 . Clinical laboratory		. models, sales (445)
V			•	284 . Auctioneers (447)
V   205			•	285 . Sai es support occupations,
V   206   Radio logic technicians (364)   V   207   Licensed practical nurses   V   304   Supervisors, computer   V   208   Realth technologists and   V   305   Supervisors (4512)   Supervisors (4		205 . Health record technologists		303 . Supervisors, general office
V   207   Licensed practical nurses   V   304   Supervisors, computer (3512)		. and technicians (364)	•	. (4511. 4513. 4514. 4516.
V   208   Real th technologists and   V   305   Suipiment operators (4512)		206 . Radiologic technicians (365)	•	. 4519, 4529) 204 Supervisors computer
V		. (366)	-	equi pment operators (4512)
V	V	208 Health technologists and	•	305 . Supervisors, financial
V         214         Industrial engineering         V         307         Supervisors, distribution, scheduling, and adjusting and paper scheduling, and appliances (4343, ty)         V         300 perators (43612)         V         313 perators (4643)         Superviors, defect of the scheduling scheduling, and adjusting and time scheduling, and adjusting and time scheduling, and adjusting adjus		. techni ci ans,n. e. c. (369)	•	. records processing (4521)
V			•	
V 215 Mechanical engineering V 216 Mechanical engineering V 216 Mechanical engineering V 216 Mechanical engineering V 216 Mechanical engineering Evenhicians, V 308 Computer operators (4612) V 217 Draffing occupations (372) V 308 Computer operators (4613) V 218 Surveying and moping V 314 Sternographers (4622) V 218 Surveying and moping V 314 Sternographers (4623) V 218 Surveying and moping V 314 Sternographers (4622) V 218 Chemicians (382) V 315 Thirds events (4642) V 222 Chemical technicians (3831) V 315 Thirds events (4642) V 223 Chemical technicians (3831) V 316 Thirds events (4642) V 225 Science technicians, a.e.c. V 318 Transportation ticket and reservation agents (4644) V 226 Mirplane pilots and V 319 Receptionists (4645) N 227 Mir traffic controllers (392) V 228 Broadcast equipment operators V 325 (Lassi field-ad clerks (4662) (393) P 229 Computer programmers (3971, 3972) Grammers (3971, 3972) Sales boccupations (408) V 328 Personnel clerks (4663) V 229 Computer programmers (3971, 3972) Tool programmers (398) V 329 Library clerks (4664) V 235 Technicians, n. e. c. (399) V 329 Library clerks (4664) V 235 Technicians, n. e. c. (399) V 329 Library clerks (4699) V 329 Library clerks (4713) V 327 Order clerks (4718) V 327 Sales occupations (4124) V 328 Sales morkers, more vehicles V 328 Deprisonal clerks (4718) V 329 Sales workers, more vehicles V 329 Sales workers, more vehicles V 329 Sales workers, more vehicles V 320 Sales workers, more vehicles V 320 Sales workers, more vehicles V 320 Sales workers, more vehicles V 321 Sales workers, more vehicles V 322 Sales workers, more vehicles V 323 Sales workers, more vehicles V 324 Sales workers, more vehicles V 325 Sales workers, more vehicles V 326 Sales workers, more vehicles V 327 Sales workers, more vehicles V 328 Sales workers, more vehicles V 329 Sales workers, more vehicles V 329 Sales workers		214 . Industrial engineering		307 . Supervi sors. di stri buti on.
V 216 Engineering technicians, V 308 Computer operators (4612) V 217 Drafting occupations (372) V 319 Peripheral equipment operators (4613) V 218 Surveying and mapping V 314 Stenographers (4623) V 219 Lechnicians (373) V 313 Secretaries (4622) V 221 Lechnicians (373) V 315 Typiss (4624) V 222 Chemicians (3831) V 316 Interviewers (4642) V 223 Chemical explorations (3831) V 316 Interviewers (4642) V 224 Chemical explorations (3831) V 316 Interviewers (4642) V 225 Chemical explorations (3831) V 316 Interviewers (4642) V 226 Airplane pilots and V 319 Reception ists (4643) V 227 Air traffic controllers (392) V 323 Information clerks, n. e. c. (3832) S333 S48 (389) V 329 Computer programmers (3971, V 327 Order clerks (4662) V 229 Computer programmers (3971, V 327 Order clerks (4664) V 220 Computer programmers (3971, V 327 Order clerks (4664) V 233 Tool programmers, numerical V 397 Order clerks (4664) V 234 Legal assistants (396) V 329 Library clerks (4694) V 235 Technicians, n. e. c. (399) V 325 Technicians, n. e. c. (399) V 236 Soles occupations (40) V 255 Real estate sales occupations V 337 Bookkeepers, accounting, and 341 Cost and rate clerks (4712) Soles occupations (40) V 256 Advertising and rel. sales V 343 Cost and rate clerks (4716) Soles exprices (43152) V 345 Duplicating machine operators (4728) V 265 Sales engineers (421) V 366 Sales workers, apparel (4351) V 366 Sales workers, apparel (4348) V 367 Sales workers, apparel (4348) V 368 Sales w		. techni ci ans (3712)	•	. scheduling, and adjusting
V   216   Engineering technicians,   V   309   Peripheral equipment   n. e. c. (3719)   V   217   Drafting occupations (372)   V   218   Surveying and mapping   V   313   Secretaries (4623)   Secretaries (4623)   V   228   Secretaries (4623)   V   229   Secretaries (4623)   V   220   Secretaries (4623)   V   221   Secretarians (373)   V   315   Typists (4624)   V   222   Secretaricans (3831)   V   315   Typists (4624)   V   225   Secretaricans (3831)   V   316   Interviewers (4642)   V   227   Airplane pilots and   V   317   Hotel clerks (4643)   Teservation agents (4644)   Teservation agents (4644)   Teservation agents (4644)   Teservation agents (4645)   V   227   Airplane pilots and   V   319   Receptionists (4645)   V   228   Broat reaffic comparents (392)   V   228   Broat reaffic comparents (3971)   V   326   Correspondence clerks (4663)   V   227   Airplane pilots (392)   V   328   Tool programmers (3971,   V   327   Order clerks (4664)   V   3972)   V   329   Comparents (3974)   V   329   Correspondence clerks (4663)   V   230   Tool programmers (3971,   V   327   Order clerks (4664)   V   230   Tool programmers (3971,   V   327   Order clerks (4664)   V   237   Technicians, n. e. c. (399)   V   328   File clerks (4694)   V   239   Technicians, n. e. c. (399)   V   329   Library clerks (4694)   V   230   Technicians, n. e. c. (399)   V   335   File clerks (4696)   V   230   Sales occupations   V   336   Records clerks (4699)   Sales occupations   V   337   Bookkeepers, accounting, and and antipartical clerks (4713)   V   250   Sales and financial   V   341   Supervices (4152)   V   342   Supervices (4152)   V   343   Supervices (4152)   V   344   Supervices (4152)   V   345   Supervices (4715)   V   346   Sales workers, shoes (4348)   V   347   Order (4742)   Order (4743)   Order (4743)   Order (4743)   Order (4743)   Order (4745)   Order		215 . Mechani cal engi neeri ng	•	. clerks (4522, 4524-4528)
V		216 Engineering technicians	-	309 Peripheral equipment
V	V	. n. e. c. (3719)	Ÿ	operators (4613)
V		217 Drafting occupations (372)		313 . Secretaries (4622)
V 223 . Biological technicians (382) V 316 . Interviewers (4642) V 224 . Chemical technicians (3831) V 317 . Botel clerks (4643) V 225 . Science technicians, n. e. c. V 318 . Transportation ticket and reservation agents (4644) V 226 . Airplane pilots and V 319 . Receptionists (4645) V 227 . Air traffic controllers (392) V 319 . Receptionists (4645) V 228 . Broadcast equipment operators V 325 . Classified-ad clerks, n. e. c. (4649) V 229 . Computer programmers (3971, V 326 . Correspondence clerks (4662) V 3972) V 328 . Personnel clerks (4663) V 229 . Computer programmers (3971, V 326 . Correspondence clerks (4664) V 3972) V 328 . Personnel clerks (4664) V 3972) V 328 . Personnel clerks (4664) V 3972) V 328 . Personnel clerks, except apavroll and timekeeping (4694) V 235 . Technicians, n. e. c. (399) V 329 . Library clerks (4694) V 235 . Technicians, n. e. c. (399) V 335 . File clerks (4696) V 243 . Supervisors and Proprietors, V 336 . Records clerks (4699) V 244 . Supervisors and Proprietors, V 337 . Bookkeepers, accounting, and auditing clerks (4712) V 251 . Real estate sales occupations V 339 . Billing clerks (4712) V 252 . Real estate sales occupations V 344 . Supervisors and suditing clerks (4716) V 253 . Securities and financial V 343 . Cost and rate clerks (4716) V 254 . Sales engineers (421) V 345 . Securities and financial V 345 . Securities and financial V 346 . Sales engineers (421) V 347 . Services sales occupations V 348 . Billing posting, and 347 . Services sales occupations V 348 . Billing machine operators V 349 . Sales engineers (421) V 340 . Services (4152) V 340 . Servic		218 . Surveying and mapping	•	314 . Stenographers (4623) 315 . Typi etc. (4624)
V   224   Chemical technicians (3831)   V   317   Hotel clerks (4643)     V   225   Science technicians   n. e. c.   V   318   Transportation ticket and     V   226   Airplane pil lots and   V   319   Reception agents (4644)     V   227   Air traffic controllers (392)   V   228   Broadcast equipment operators   V   325   Classified ad clerks (4662)     V   228   Broadcast equipment operators   V   326   Correspondence clerks (4663)     V   229   Computer programmers (3971,   V   327   Order clerks (4664)     V   233   Tool programmers (3971,   V   327   Order clerks (4664)     V   233   Tool programmers (3971,   V   327   Order clerks (4664)     V   233   Tool programmers (396)   V   329   Elbrary clerks (4694)     V   234   Legal assistants (396)   V   329   Iibrary clerks (4694)     V   235   Technicians, n. e. c. (399)   V   335   File clerks (4696)     V   236   Sales Occupations   V   337   Bookkeepers, accounting, and auditing clerks (4712)     V   241   Supervisors and Proprietors,   V   337   Bookkeepers, accounting, and auditing clerks (4713)     V   250   Real estate sales occupations   V   339   Billing clerks (4713)     V   251   Real estate sales occupations   V   340   Billing posting, and (4124)   V   4124   Billing, posting, and (4124)   V   4124   Billing, posting, and (4124)   V   4125   Sales occupations, other   V   4126   Sales ergineers (421)   V   4127   Sales occupations, other   V   4128   Sales ergineers (421)   V   4129   Sales ergineers (421)   V   4129   Sales ergineers (421)   V   4129   Sales workers, motor vehicles   V   348   Telephone operators, n. e. c. (4729)   Sales workers, shoes (4351)   V   266   Sales workers, shoes (4351)   V   268   Sales workers, shoes (4348)   V   268   Sales workers, hardware and   V   410   Hotel Postal   Service (4744)   Superiors (4745)   Sales workers, hardware and   V   435   Sales workers, hardware and   V   445   Sales workers, hardware and   V   545   Sales workers, hardware and   V   546   Sales workers, hardware and   V   547   Sales wor		223 . Bi ol ogi cal techni ci ans (382)	•	316 . Interviewers (4642)
V		224 . Chemical technicians (3831)		317 . Hotel clerks (4643)
V   226   Airplane pilots and   V   319   Receptionists (4645)     V   227   Air traffic controllers (392)   V   228   Broadcast equipment operators   V   228   Broadcast equipment operators   V   229   Classified ad clerks (4662)     V   229   Computer programmers (3971,   V   326   Correspondence clerks (4663)     V   230   Tool programmers (3971,   V   327   Order clerks (4664)     V   231   Tool programmers (3971,   V   327   Order clerks (4664)     V   232   Tool programmers (3971,   V   327   Order clerks (4664)     V   233   Tool programmers (396)   V   329   Library clerks (4694)     V   234   Legal assistants (396)   V   329   Library clerks (4696)     V   235   Technicians, n.e.c. (399)   V   335   File clerks (4696)     V   235   Sales Occupations (40)   V   336   Records clerks (4696)     V   235   Insurance sales occupations   V   336   Records clerks (4699)     V   236   Real estate sales occupations   V   336   Records clerks (4712)     V   257   Securities and financial   V   338   Payroll and timekeeping     V   258   Securities and financial   V   339   Billing clerks (4715)     V   259   Sales occupations   V   340   Cost and rate clerks (4716)     V   259   Sales occupations   V   340   Cost and rate clerks (4716)     V   259   Sales occupations   V   341   Cost and rate clerks (4716)     V   259   Sales occupations   V   345   Duplicating machine operators     V   259   Sales erpineers (421)   V   348   Telephone operators     V   260   Sales workers, motor vehicles   V   348   Telephone operators (4732)     V   261   Sales workers, shoes (4351)   V   349   Postal clerks except mail     V   262   Sales workers, shoes (4351)   V   349   Postal clerks except mail     V   263   Sales workers, furniture and   V   Afable   Afabl		225 . Sci ence techni ci ans, n. e. c.		
V		226 Airnlane nilots and	•	319 Recentionists (4645)
V 228 Broadcast equipment operators V 325 . Classified-ad clerks (4662) V 229 . Computer programmers (3971, V 326 . Correspondence clerks (4663) V 229 . Computer programmers (3971, V 327 . Order clerks (4664) V 237 . Order clerks (4664) V 237 . Order clerks (4664) V 238 . Personnel clerks . except payroll and timekeeping . Control (3974) V 328 . Personnel clerks . except payroll and timekeeping . (4692) V 234 . Legal assistants (396) V 329 . Library clerks (4694) V 235 . Technicians, n.e. c. (399) V 335 . File clerks (4696) V 243 . Supervisors and Proprietors, V 336 . Records clerks (4699) V 337 . Bookkeepers, accounting, and . auditing clerks (4712) V 338 . Payroll and timekeeping . auditing clerks (4712) V 338 . Payroll and timekeeping . Clerks (4713) V 339 . Billing clerks (4715) V 339 . Billing clerks (4716) V 344 . Billing, posting, and . (4124) V 343 . Cost and rate clerks (4716) . services sales occupations V 344 . Billing, posting, and . (4124) V 344 . Billing, posting, and . (2124) V 345 . Duplicating machine operators . (4718) V 257 . Sales occupations, other V 345 . Sales engineers (421) V 346 . Mail preparing and paper . handling machine operators	V	. navi gators (825)	Ÿ	323 . Information clerks, n. e. c.
V   .(393)		227 Air traffic controllers (392)	•	. (4649)
V   229   Computer programmers (3971,   V   327   Order   Clerks (4664)     V   3972)   V   328   Personnel clerks, except     V   233   Tool programmers, numerical   V   234   Legal assistants (396)   V   329   Library clerks (4694)     V   235   Technicians, n.e.c. (399)   V   335   File clerks (4696)     V   235   Technicians, n.e.c. (399)   V   336   Records clerks (4699)     V   238   Supervisors and Proprietors,   V   336   Records clerks (4699)     V   253   Insurance sales occupations   V   337   Bookkeepers, accounting, and auditing clerks (4712)     V   254   Real estate sales occupations   V   338   Payroll and timekeeping     V   254   Real estate sales occupations   V   349   Sales occupations   V   340   Sales occupations   V   341   Sost and rate clerks (4716)     V   255   Securities and financial   V   343   Sost and rate clerks (4716)     V   256   Advertising and rel   sales   V   (4124)   Coccupations (4153)   V   345   Supervisors (4152)   V   Susiness services (4152)   V   Sales occupations, other   V   Sales occupations, other   V   Sales occupations, other   V   Sales occupations   V   Sales occupations   V   Sales representatives,   V   Sales occupations   V			•	326 Correspondence clerks (4663)
V		229 . Computer programmers (3971,	•	327 . Order clerks (4664)
V   234   Legal assistants (396)   V   329   Library clerks (4694)     V   235   Technicians, n.e. c. (399)   V   336   Records clerks (4696)     V   243   Supervisors and Proprietors, V   336   Records clerks (4696)     V   243   Supervisors and Proprietors, V   336   Records clerks (4696)     V   253   Insurance sales occupations V   auditing clerks (4712)     V   (4122)   V   338   Payroll and timekeeping     V   (4123)   V   339   Billing clerks (4715)     V   255   Securities and financial V   343   Cost and rate clerks (4716)     V   255   Securities and financial V   344   Billing, posting, and (4124)     V   256   Advertising and rel. sales V   (4718)     V   257   Sales occupations (4153)   V   345   Duplicating machine operators (4718)     V   257   Sales occupations, other V   345   Duplicating machine operators (4718)     V   258   Sales engineers (421)   V   346   Mail preparing and paper (4723)     V   259   Sales representatives, V   (4722)     V   261   Sales workers, motor vehicles V   348   Telephone operators (4732)     V   262   Sales workers, shoes (4351)   V   345   Postal clerks, except mail operators (4732)     V   266   Sales workers, radio, Tv, hi- Nome furnishings (4348)   V   (4739)     V   267   Sales workers, radio, Tv, hi- Nome furnishings (4343, V   (4743)   V   (4743)   V   (4743)   V   (4743)   V   (4745)   (4745)   V   (4745)   V   (4745)   (4745)   V   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)		. 3972)	•	328 . Personnel clerks, except
V   234   Legal assistants (396)   V   329   Library clerks (4694)     V   235   Technicians, n.e. c. (399)   V   336   Records clerks (4696)     V   243   Supervisors and Proprietors, V   336   Records clerks (4696)     V   243   Supervisors and Proprietors, V   336   Records clerks (4696)     V   253   Insurance sales occupations V   auditing clerks (4712)     V   (4122)   V   338   Payroll and timekeeping     V   (4123)   V   339   Billing clerks (4715)     V   255   Securities and financial V   343   Cost and rate clerks (4716)     V   255   Securities and financial V   344   Billing, posting, and (4124)     V   256   Advertising and rel. sales V   (4718)     V   257   Sales occupations (4153)   V   345   Duplicating machine operators (4718)     V   257   Sales occupations, other V   345   Duplicating machine operators (4718)     V   258   Sales engineers (421)   V   346   Mail preparing and paper (4723)     V   259   Sales representatives, V   (4722)     V   261   Sales workers, motor vehicles V   348   Telephone operators (4732)     V   262   Sales workers, shoes (4351)   V   345   Postal clerks, except mail operators (4732)     V   266   Sales workers, radio, Tv, hi- Nome furnishings (4348)   V   (4739)     V   267   Sales workers, radio, Tv, hi- Nome furnishings (4343, V   (4743)   V   (4743)   V   (4743)   V   (4743)   V   (4745)   (4745)   V   (4745)   V   (4745)   (4745)   V   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)   (4745)		233 . 1001 programmers, numerical control (3974)		. payroll and timekeeping
V 235 . Technicians, n.e.c. (399)		234 Legal assistants (396)	•	329 Library clerks (4694)
V Sales Occupations (40) V 253 Insurance sales occupations V (4122) V 254 Real estate sales occupations V (2123) V 255 Securities and financial V 338 Payroll and timekeeping C clerks (4713) V 339 Billing clerks (4715) V 343 Cost and rate clerks (4716) Services sales occupations V 344 Billing, posting, and C (4124) V 345 Billing, posting, and C calculating machine operators C (4718) V 256 Advertising and rel. sales V 345 Duplicating machine operators V 257 Sales occupations, other V 258 Sales engineers (421) V 259 Sales representatives, V 259 Sales representatives, V 346 Mail preparing and paper V 258 Sales workers, and V 347 Office mach. operators V 348 Telephone operators V 349 Telephone operators V 351 Communications equipment V 352 Sales workers, shoes (4351) V 353 Communications equipment V 354 Postal clerks, except mail V 355 Mail carriers, postal service Fi, and appliances (4343, V 357 Messengers (4745)		235 . Tečhni ci ans, n. e. c. (399)	-	335 . File clerks (4696)
V 253 Insurance sales occupations V (4122) V (4122) V 254 Real estate sales occupations V 338 Payroll and timekeeping clerks (4715) V 255 Securities and financial V 339 Billing clerks (4716) V services sales occupations V 341 Cost and rate clerks (4716) V services sales occupations V 342 Billing, posting, and calculating machine operators (4718) V 256 Advertising and rel. sales V (4718) V 257 Sales occupations, other V (4718) V 258 Sales engineers (4152) V 345 Duplicating machine operators (4722) V 259 Sales representatives, V (4722) V 259 Sales representatives, V (4723) V mining, manufacturing, and V (4723) V 261 Sales workers, motor vehicles V 348 Telephone operators (4732) V 262 Sales workers, apparel (4346) V (4739) V 263 Sales workers, apparel (4346) V (4739) V 264 Sales workers, furniture and V (4739) V 265 Sales workers, furniture and V (4739) V 266 Sales workers, radio, Tv, hidron furnishings (4348) V (4743) V 267 Sales workers, hardware and V (4743) V 268 Sales workers, hardware and V (4743) V 268 Sales workers, hardware and V (4745)		243 . Supervisors and Proprietors,	•	336 . Records clerks (4699)
V		253 . Insurance sales occupations		auditing clerks (4712)
V (4123) V (339 . Billing clerks (4715) (343 . Cost and rate clerks (4716) (4716) (4716) (4714) V (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4718) (4		. (4122)	•	338 . Payroll and timekeeping
V 255 Securities and financial V 343 Cost and rate clerks (4716) V services sales occupations V 344 Billing, posting, and calculating machine operators V 256 Advertising and rel. sales V (4718) V cocupations (4153) V 345 Duplicating machine operators V 257 Sales occupations, other V (4722) V business services (4152) V 346 Mail preparing and paper handling machine operators V 258 Sales engineers (421) V (4723) V 259 Sales representatives, V (4723) V mining, manufacturing, and V (4723) V molesale (423, 424) V (4723) V 263 Sales workers, motor vehicles V (4729) V 264 Sales workers, apparel (4346) V (4739) V 265 Sales workers, apparel (4346) V (4739) V 266 Sales workers, shoes (4351) V (4739) V 267 Sales workers, radio, Tv, hillower furnishings (4348) V (4743) V 268 Sales workers, hardware and V (4743) V 268 Sales workers, hardware and V (4745)		254 . Real estate sales occupations		. clerks (4713)
V services sales occupations V (4124) V 256 Advertising and rel. sales V (4718) V 256 Advertising and rel. sales V (4718) V 257 Sales occupations, other V (4722) V 345 Duplicating machine operators (4722) V 346 Mail preparing and paper 1 handling machine operators (4723) V 258 Sales engineers (421) V 1 handling machine operators (4723) V 259 Sales representatives, V (4723) V 1 handling machine operators (4732) V 1 handling machine operators (4733) V 1 handling machine operators (4734) V 1 handling machine operators (4734			•	343 Cost and rate clerks (4716)
V 256 . Advertising and rel. sales	V	. services sales occupations	V	344 . Billing, posting, and
V . occupations (4153) V . 345 . Duplicating machine operators V . 257 . Sales occupations, other V				
V       257       Sales occupations, other business services (4152)       V       346       Mail preparing and paper and paper and paper services (4152)       V       346       Mail preparing and paper and paper and paper and paper services (421)       V       346       Mail preparing and paper		occupations (4153)		
V 259 . Sales representatives, V	V	257 . Sal es occupations, other	V	. (4722)
V 259 . Sales representatives, V		busi ness servi ces (4152)		346 Mail preparing and paper
V         .mining, manufacturing, and vholesale (423, 424)         V         347 . Office mach. operators, .n. e. c. (4729)           V         263 . Sales workers, motor vehicles vholes vho				. Handi i ng machi ne operators
V	V			
V       . and boats (4342, 4344)       V       353 . Communications equipment         V       264 . Sales workers, apparel (4346)       V       . operators, n. e. c. (4733, 4739)         V       265 . Sales workers, shoes (4351)       V       . 4739)         V       266 . Sales workers, furniture and home furnishings (4348)       V       . operators, n. e. c. (4733, 4739)         V       267 . Sales workers, radio, Tv, hillow       V       354 . Postal clerks, except mail carriers (4742)         V       267 . Sales workers, radio, Tv, hillow       V       355 . Mail carriers, postal service (4743)         V       . 4352)       V       356 . Mail clerks, except postal service (4744)         V       . Sales workers, hardware and building supplies (4353)       V       . service (4744)         V       . building supplies (4353)       V       . Messengers (4745)	V	. whol esal e (423, 424)		. n. e. c. (4729)
V       264 . Sales workers, apparel (4346)       V       . operators, n. e. c. (4733, 4739)         V       265 . Sales workers, shoes (4351)       V       . 4739)         V       266 . Sales workers, furniture and home furnishings (4348)       V       . Sales workers, except mail carriers (4742)         V       267 . Sales workers, radio, Tv, hild, and appliances (4343, appliances (4343, appliances (4343, appliances (4343, appliances (4352))       V       355 . Mail carriers, postal service (4743)         V       268 . Sales workers, hardware and building supplies (4353)       V       357 . Messengers (4745)		263 . Sales workers, motor vehicles		348 . Tel ephone operators (4/32)
V       265 . Sales workers, shoes (4351)       V       .4739)         V       266 . Sales workers, furniture and home furnishings (4348)       V       354 . Postal clerks, except mail carriers (4742)         V       267 . Sales workers, radio, Tv, hild, and appliances (4343, volume fill) and appliances (4352)       V       355 . Mail carriers, postal service (4743)         V       268 . Sales workers, hardware and building supplies (4353)       V       356 . Mail clerks, except postal service (4744)         V       . service (4744)       . service (4744)         V       . service (4745)				
V .home furnishings (4348) V .carriers (4742) V 267 .Sales workers, radio, Tv, hi- V .fi, and appliances (4343, V .(4743) V .4352) V 356 .Mail clerks, except postal V 268 .Sales workers, hardware and V .service (4744) V .building supplies (4353) V 357 .Messengers (4745)	V	265 . Sal es workers, shoes (4351)	V	. 4739)
V       267 . Sales workers, radio, Tv, hi-       V       355 . Mail carriers, postal service         V       .fi, and appliances (4343, V       . (4743)         V       .4352)       V       356 . Mail carriers, postal service         V       .4352)       V       356 . Mail carriers, postal service         V       .84352       V       . service (4744)         V       . building supplies (4353)       V       . service (4744)         V       . building supplies (4353)       V       . Messengers (4745)	V	266 . Sales workers, furniture and		354 . Postal clerks, except mail
V       . fi, and appliances (4343,       V       . (4743)         V       . 4352)       V       356 . Mail clerks, except postal         V       268 . Sales workers, hardware and V       . service (4744)         V       . building supplies (4353)       V       357 . Messengers (4745)	V V	. nome Turni Sni ngs (4348) 267 Sales workers radio Tv hi-		. Carriers (4/42) 355 Mail carriers nostal service
V .4352) V 356 .Mail clerks, except postal V 268 .Sales workers, hardware and V .service (4744) V .building supplies (4353) V 357 .Messengers (4745)	V	fi, and appliances (4343,	Ÿ	. (4743)
V building supplies (4353) V 357 Messengers (4745)	V	. 4352)		356 . Mail clerks, except postal
		268 . Sales workers, hardware and huilding supplies (4252)		. Service (4/44) 357 Messengers (4745)
		269 Sales workers, parts (4367)		

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V	363 . Production coordinators	V	. (5219)
V V V	. (4752) 364 . Traffic, shipping, and	V V V	445 . Dental assistants (5232) 446 . Health aides, except nursing
V V V	receiving clerks (4753) 365 . Stock and inventory clerks . (4754)	V V V	. (5233) 447 . Nursing aides, orderlies, and . attendants (5236)
V V	366 . Meter readers (4755) 368 . Weighers, measurers,	V V	448 . Supervisors, cleaning and . building service workers
V V	checkers, and samplers (4756, .4757)	V V	. (5241) 449 . Mai ds and housemen (5242,
V V	373 . Expediters (4758) 374 . Material recording,	V V	. 5249) 453 . Jani tors and cleaners (5244)
V V	. schedul i ng,    and  dí stri but i ng . cl erks,   n. e. c.   (4759)	V V	454 . El evator operators (5245) 455 . Pest control occupations
V V	375 Insurance adjusters, examiners, and investigators	V V	. (5246) 456 . Supervisors, personal service
V V	. (4782) 376 . Investigators and adjusters,	V V	. occupations (5251) 457 . Barbers (5252)
V V V	except insurance (4783) 377 Eligibility clerks, social welfare (4784)	V V V	458 . Hai rdressers and . cosmetol ogi sts (5253)
V V V	378 . Bill and account collectors . (4786)	V V	459 . Attendants, amusement and recreation facilities (5254) 461 . Guides (5255)
V V	379 General office clerks (463) 383 Bank tellers (4791)	V V	462 . Ushers (5256) 463 . Public transportation
V V	384 . Proof readers (4792) 385 . Data-entry keyers (4793)	V V	. attendants (5257) 464 . Baggage porters and bellhops
V V	386 . Statistical clerks (4794) 387 . Teachers' aides (4795)	V V	. (5262) 465 . Wel fare service aides (5263)
V V	389 . Admi ni strati ve support . occupati ons, n. e. c. (4787,	V V	466 . Family child care providers . (part 5264)
V V	. 4799) 403 . Launderers and ironers (503)	V V	467 . Early childhood teacher's . assistants (part 5264)
V V	404 . Cooks, private household . (504)	V V	468 . Child care workers, n. e. c (part 5264)
V V V	405 . Housekeepers and butlers . (505) 406 . Child care workers, private	V V V	469 . Personal service occupations, . n. e. c. (5258, 5269)
V V	. hhl d (506)	V V	473 . Farmers, except horticultural . (5512-5514) 474 . Horticultural specialty
Ϋ́ V	407 . Pri vate hhld cleaners and . servants (502, 507, 509) 413 . Supervisors, firefighting and	V V	farmers (5515) 475 Managers, farms, except
V V	. fire prevention . occupations(5111)	V V	. horti cul tural (5522-5524) 476 . Managers, horti cul tural
V V	414 . Supervisors, police and . detectives (5112)	V V	. specialty farms (5525) 477 . Supervisors, farm workers
V V	415 . Supervisors, guards (5113) 416 . Fire inspection and fire	V V	. (5611) 479 . Farm workers (5612-5617)
V V V	prevention occupations (5122) 417 Firefighting occupations (5123)	V V V	483 . Marine life cultivation . workers (5618) 484 . Nursery workers (5619)
V V	418 Police and detectives, public service (5132)	V V	485 . Supervi sors, rel. . agri cul tural occupations
V V	423 . Sheriffs, bailiffs, and other .law enforcement	V V	. (5621) 486 . Groundskeepers and gardeners,
V V	officers(5134) 424 Correctional institution	V V	except farm (5622) 487 Animal caretakers, except
V V	officers (5133) 425 Crossing guards (5142)	V V V	. farm (5624) 488 . Grader and sorter,
V V V	425 . Crossing guards (5142) 426 . Guards and police, except . public service (5144) 427 . Protective service	V V V	. agri cul tural products (5625) 489 . Inspectors, agri cul tural . products (5627)
V V	occupations, n.e.c. (5149) 433 . Supervisors, food preparation	V V	494 . Supervisors, forestry and . logging workers (571)
V V	. and service occupations(5211) 434 . Bartenders (5212) 435 . Waiters and waitresses (5213)	V	495 Forestry workers, except
V V	436 . Cooks (5214, 5215)	V V	496 . Timber cutting and logging . occupations (573, 579)
V V V	438 . Food counter, fountain and rel. occupations (5216) 439 . Kitchen workers, food	V V V	fishing vessels (part 8241)
V V V	preparation (5217) 443 . Wai ters' /wai tresses'	V V V	498 . Fi shers (583) 499 . Hunters and trappers (584) 503 . Supervisors, mechanics and
V V V	. assistants (5218) 444 . Miscellaneous food	V V V	repairers (60) 505 . Automobile mechanics (part
V	preparation occupations	V	. 6111)

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V	506 . Auto mechanic apprentices	<u>V</u>	. (part 6414, part 6462)
V V	. (part 6111) 507 . Bus, truck, and stationary	V V	566 .Carpet installers (part 6462) 567 .Carpenters (part 6422)
V	. engine mechanics (6112)	<b>V</b>	569 . Carpenter apprentices (part
V V	508 . Aircraft engine mechanics . (6113)	V V	.6422) 573 .Drywall installers (6424)
V	509 Small engine repairers (6114)	Ÿ	575 . Electricians (part 6432)
V V	514 . Automobile body and rel. . repairers (6115)	V V	576 . Electrician apprentices (part . 6432)
V	515 . Aircraft mechanics, except	Ÿ	577 .Electrical power installers
V V	. engi ne (6116) 516 . Heavy equi pment mechani cs	V V	. and repairers (6433) 579 . Painters, construction and
Ÿ	. (6117)	Ÿ	. mai ntenance (6442) 583 . Paperhangers (6443)
V V	517 . Farm équi pment mechanics . (6118)	V V	583 . Paperhangers (6443) 584 . Plasterers (6444)
V	518 . Industri al machi nery	Ÿ	585 . Plumbers, pipefitters, and
V V	. repairers (613) 519 . Machinery maintenance	V V	. steamfitters (part 645) 587 . Plumber, pipefitter, and
V	occupations (614)	V	. steamfitter apprentices (part
V V	523 . Electronic repairers, . communications and industrial	V V	. 645) 588 . Concrete and terrazzo
V	. equipment (6151, 6153, 6155)	V	. fi ni shers (6463)
V V	525 . Data processing equipment repairers (6154)	V V	589 . Glaziers (6464) 593 . Insulation workers (6465)
V	526 . Hhld appliance and power tool	<u>V</u>	594 . Paving, surfacing, and
V V	repairers (6156). 527 Telephone line installers and	V V	. tamping equipment operators . (6466)
V	. repai rers (6157)	Ÿ	595 . Roofers (6468)
V V	529 . Tel ephone installers and . repairers (6158)	V V	596 . Sheetmetal duct installers . (6472)
V	533 Miscellaneous electrical and	Ÿ	597 . Structural metal workers
V V	. el ectroni c equi pment . repai rers (6152, 6159)	V V	. (6473) 598 . Drillers, earth (6474)
V	534 . Heating, air conditioning,	V	599 . Construction trades, n. e. c.
V V	.and refrigeration mechanics .(616)	V V	. (6467, 6475, 6476, 6479) 613 . Supervi sors, extracti ve
V	535 . Camera, watch, and musical	Ÿ	. occupations (632)
V 6172)	.instrument repairers (6171,	V V	614 .Drillers, oil well (652) 615 .Explosives workers (653)
V	536 . Locksmiths and safe repairers	Ÿ	616 . Mining machine operators
V V	. (6173) 538 . Office machine repairers	V V	. (654) 617 . Mining occupations, n. e. c.
V	. (6174)	<u>V</u>	. (656) 628 . Supervi sors, producti on
V V	539 . Mechanical controls and valve repairers (6175)	V V	628 . Supervisors, production . occupations (67, 71)
V	543 . Elevator installers and	<u>V</u>	634 . Tool and die makers (part
V V	. repairers (6176) 544 . Millwrights (6178)	V V	. 6811) 635 . Țool and die mkr apprentices
V	547 . Specified mechanics and	V	. (part 6811)
V V	. repai rers,n. e. c. (6177, . 6179)	V V	636 . Precision assemblers, metal . (6812)
V	549 . Not specified mechanics and	V	637 . Machinists (part 6813)
V V	. repai rers 553 . Supervi sors, bri ckmasons,	V V	639 . Machinist apprentices (part . 6813)
V	.stonemasons, and tile setters	V	643 . Boilermakers (6814)
V V	. (6312) 554 . Supervi sors, carpenters and	V V	644 . Precision grinders, filers, and tool sharpeners (6816)
V	. rel. workers (6313)	V V	645 . Patternmakers and model
V V	555 . Supervisors, electricians and power transmission installers	V	. makers, metal (6817) 646 . Lay-out workers (6821)
V	. (6314)	V	647 Precious stones and metals
V V	556 . Supervi sors, painters, paperhangers, and plasterers	V V	. workers (Jewel ers) (6822, . 6866)
V	. (6315)	V V	. 6866) 649 . Engravers, metal (6823)
V V	557 . Supervisors, plumbers, pipefitters, and steamfitters	V	653 . Sheet metal workers (part . 6824)
V	. (6316)	V	654 . Sheet metal wrker apprentices
V V	558 . Supervisors, construction, . n. e. c. (6311, 6318)	V V	. (part 6824) 655 . Misc precision metal workers
V	563 . Brickmasons and stonemasons	V V	. (6829)
V V	. (part 6412, part 6413) 564 . Brickmason and stonemason	V V	656 . Patternmkrs and model makers, . wood (6831)
V	.apprentices (part 6412, part .6413)	V	657 . Cabi net makers and bench . carpenters (6832)
V	565 .Tile setters, hard and soft	V	658 . Furniture and wood finishers

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V	. (6835) 659 . Misc precision woodworkers	V V	. processing machine operators . (7349, 7549)
V	. (6839)	V V	726 Wood lathe routing and
V V	666 . Dressmakers (part 6852, part . 7752)	V V	planing machine operators (7431, 7432, 7631, 7632) 727 Sawing machine operators
V V	667 . Tailors (part 6852) 668 . Uphol sterers (6853)	V V	. ( /433, /033)
V V	669 . Shoe repairers (6854) 674 . Misc precision apparel and	V V	728 . Shaping and joining machine . operators (7435, 7635)
V V	. fabric workers (6856, 6859,	V V	729 Nailing and tacking machine
V	part 7752) 675 Hand molders and shapers,	V	operators (7636) 733 . Miscellaneous woodworking
V V	. except jewelers (6861) 676 . Patternmakers, lay-out	V V	. machi ne operators (7434, 5 . 7439, 7634, 7639)
V V	. workers, and cutters (6862) 677 . Optical goods workers (6864,	V V	734 . Printing press operators . (7443, 7643) 735 . Photoengravers and
V V	677 Optical goods workers (6864, part 7477, part 7677) 678 Dental laboratory and medical	V V	735 Photoengravers and lithographers (6842, 7444,
V	. appliance technicians (6865)	V	. 7644)
V V	679 . Bookbi nders (6844) 683 . El ectri cal /el ectroni c	V V	736 . Typesetters and compositors . (6841, 7642) 737 . Miscellaneous printing
V V	. equipment assemblers (6867) 684 . Msc precision workers, n.e.c.	V V	737 . Miscellaneous printing . machine operators (6849,
V V	. (6869) 686 . Butchers and meat cutters	V V	. 7449, 7649) 738 . Winding and twisting machine
V V	6871) 687 . Bakers (6872)	V V	. operators (7451, 7651)
V	688 . Food batchmakers (6873, 6879)	V	739 Knitting, looping, taping, and weaving machine operators
V V	689 Inspectors, testers, and graders (6881, 828) 693 Adjusters and calibrators	V V	. (7452, 7652) 743 . Textile cutting machine
V V	693 . Adjusters and calibrators . (6882)	V V	operators (7654) 744 . Textile sewing machine
V V	694 . Water and sewage treatment	V V	. operators (7655) 745 . Shoe machine operators (7656)
V	. plant operators (691) 695 . Power plant operators (part	V	747 Pressing machine operators
V V	. 693) 696 . Stationary engineers (part	V V	. (7657) 748 . Laundering and dry cleaning
V V	. 693, 7668) 699 . Mi scell aneous plant and	V V	. machine operators (6855, . 7658)
V V	. system operators (692, 694, . 695, 696)	V V	749 Miscellaneous textile machine operators (7459, 7659)
V V	703 . Set-up operators, lathe and . turning machine (7312)	V V	753 . Cementing and gluing machine operators (7661)
V	704 . Operators, lathe and turning	V	754 Packaging and filling machine
V V	. machi ne (7512) 705 . Milling and planing machi ne	V V	operators (7462, 7662) 755 Extruding and forming machine
V V	operators (7313, 7513) 706 Punching and stamping press	V V	755 . Extruding and forming machine operators (7463, 7663) 756 . Mixing and blending machine
V V	. machine operators (7314, 7317,	V V	operators (7664)
V V	. 7514, 7517) 707 . Rolling machine operators . (7316, 7516)	V V	757 . Separating, filtering, and . clarifying machine operators . (7476, 7666, 7676)
V	708 Drilling and boring machine	V	758 Compressing and compacting
V V V	. operators (7318, 7518) 709 . Grinding, abrading, buffing,	V V	. machi ne opërators (7467, . 7667)
V	. and polishing machine . operators (7322, 7324, 7522)	V V	759 . Painting and paint spraying . machine operators (7669)
V V	713 Forging machine operators (7319, 7519)	V V	763 . Roasting and baking machine operators, food (7472, 7672)
V V V	714 Numerical control machine operators (7326)	V V	764 . Washi ng, cleani ng, and
V V	715 .Miscellaneous metal, plastic,	V	pickling machine operators (7673)
V V	. stone, and glass working . machi ne operators (7329,	V V	765 . Fol ding machine operators . (7474, 7674)
V V V	. 7529) 717 . Fabri cati ng machi ne	V V	766 Furnace, kiln, and oven operators, except food (7675)
V V	. operators, "n. e. c. (7339, . 7539)	V V	768 . Crushing and grinding machine . operators (part 7477, part
V	719 . Molding and casting machine	V	. 7677)
V V	operators (7315, 7342, 7515, .7542)	V V	769 Slicing and cutting machine operators (7478, 7678)
V V V V	723 . Metal plating machine . operators (7343, 7543)	V V	773 . Motion picture projectionists . (part 7479)
V V	724 Heat treating equipment operators (7344, 7544)	V V	774 . Photographic process machine operators (6863, 6868, 7671)
<b>V</b>	725 . Misc metal and plastic	ť	777 . Mi scell aneous machine

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V	operators, n. e. c. (part 7479,	V	866 . Helpers, construction trades
V V	. 7665, 7679) 779 . Machine operators, not	V V	. (8641-8645, 8648) 867 . Helpers, surveyor (8646) 868 . Helpers, extractive
V V	. specified 783 . Welders and cutters (7332,	V V	868 . Helpers, extractive . occupations (865)
V V	. 7532, 7714) 784 . Sol derers and brazers (7333,	V V	869 . Construction laborers (871)
V	784 . Solderers and brazers (7333, 7717) . 7533, 7717) 785 . Assemblers (772, 774)	V V	874 . Production helpers (861, 862) 875 . Garbage collectors (8722) 876 . Stevedores (8723)
V V	786 . Hand cutting and trimming	V	876 . Stevedores (8723) 877 . Stock handlers and baggers
V V	. occupations (7753) 787 . Hand molding, casting, and	V V	. (8724) 878 . Machi ne feeders and
V	. forming occupations (7/54,	V V	. offbearers (8725)
V V	7755) 789 Hand painting, coating, and	V	883 . Freight, stòck, and material . handlers, n. e. c. (8726)
V V	decorating occupations (7756) 793 Hand engraving and printing	V V V V	885 . Garage and service station . rel. occupations (873)
V V	793 . Hand engraving and printing . occupations (7757) 795 . Miscellaneous hand working	V V	887 . Vehicle washers and equipment . cleaners (875)
V	. occupations (7/58, 7/59)	V	888 . Hand packers and packagers
V V	796 . Production inspectors, . checkers, and examiners (782,	V V	. (8761) 889 . Laborers, except construction
V V	. 787) 797 . Production testers (783)	V V	. (8769) 905 . Persons whose current labor
V V	798 Production samplers and	V V	. force status is unemployed
V	. weighers (784) 799 . Graders and sorters, except	•	. and last job was Armed Forces
V V	. agri cul tural (785) 803 . Supervi sors, motor vehi cle	D ABSOCC T BS: Al	1 1 1109 location flag for TBSOCC1
V V	. operators (8111) 804 . Truck drivers (8212-8214)	Al l Thi	location flag for TBSOCC1 ocation flag for business occupation. s variable repeats once per wave.
V	806 . Dri ver-sal es workers (8218)	Its	value is subject to change between
V V	808 . Bus drivers (8215) 809 . Taxicab drivers and	wav <u>V</u>	0 .Not imputed
V V	. chauffeurs (8216) 813 . Parking lot attendants (874)	V V	1 . Statistical imputation(hot deck) 2 . Cold deck imputation
V V	814 . Motor transportation	V V	3 .Logical imputation(derivation) 4 .Ștatistical or logical
V	occupations, n.e.c. (8219) 823 Railroad conductors and	V V	.imputation using previous wave
V V	yardmasters (8113) 824 . Locomotive operating	•	. data
V V	. occupations (8232) 825 . Railroad brake. signal. and	D EBNO2 T BS: Ac	2 1110 ross-waye business index/number
V V	. switch operators (8233) 826 . Rail vehicle operators,	Uni	que business number that will remain same from wave to wave. This
V	. n. e. c. (8239)	var	iable repeats once per wave. Its value
V V	828 . Ship captains and mates, . except fishing boats (part	U All pe	subject to change between waves. rsons 15+ at the end of the reference who had two or more businesses during
V V	. 8241, 8242) 829 . Sailors and deckhands (8243)	peri od the re	who had two or more businesses during ference period. EPOPSTAT = 1 and
V V	833 . Marine engineers (8244) 834 . Bridge, lock, and lighthouse	EPDJBT V	THN = 1 and EBUSCNTR > 1 -1 . Not in universe
V	. tenders (8245)	•	1: 99 . Busi ness ID
V V	843 . Supervisors, material moving equipment operators (812)	D EBIZNO	
V V	844 . Operating engineers (8312) 845 . Longshore equipment operators	Doe	mership of business s still own this business?
V V	. (8313) 848 . Hoist and winch operators	Thi	s variable repeats once per wave. Its ue is subject to change between waves.
V	. (8314)	U AII pe	rsons 15+ at the end of the reference
V V	849 . Crane and tower operators . (8315)	the re	who had two or more businesses during ference period. EPOPSTAT = 1 and
V V	853 . Excavating and loading . machine operators (8316)	EPDJBT V	HN = 1 and EBUSCNTR > 1 -1.Not in universe
V V	855 Grader, dozer, and scraper operators (8317)	V V	1 . Yes 2 . No
V	856 .Industrial truck and tractor		
V	. equipment operators (8318) 859 . Misc material moving	D ABIZNO T BS: Al	W2 1 1114 location flag for EBIZNOW2 ocation flag for current ownership of
V	. equi pment operators (8319) 864 . Supervi sors, handl ers,	Al l bus	ocation flag for current ownership of iness. This variable repeats once
V V V	. equipment cleaners, and	per	wave. Its value is subject to change
V V	. laborers, n.e.c. (85) 865 . Helpers, mechanics, and	V	ween waves.  0 .Not imputed
V	. repai rers (863)	V	1 . Statistical imputation(hot deck)

DATA	SIZE	BEGI N		DATA	SIZE	BEGI N
V V V V	3 . Log 4 . Sta	d deck imputati ical imputation tistical or log utation using p a	ı(deri vati on) gi cal	and V V V V	-1 . Not 1 . Ret 2 . Chi	1 and EBIZNOW2 = 2 in universe irement or old age dcare problems er family/personal problems illness
W b M 7 o	Date operat hen did usiness? Ye onth digits -8 Range 01 nce per wav	e. Its value is	ng this Dange 1926: 2000 2 Day digits Ible repeats	V V V V V V	5 . 0wn 6 . Sch 7 . Wen 8 . Sol . own 9 . To 10 . Sea	injury ool/training t bankrupt/business failed d business or transferred ership start other business/take job son ended for a seasonal
U All peri the	od who had reference p BTHN = 1_an	en waves. at the end of two or more bus eriod. EPOPSTAT d EBUSCNTR > 1 in universe	sinesses during	V V D ARE T BS:	11 . Qui NDB2 1 Allocation	iness t for some other reason 1135 flag for ERENDB2 lag for reason business
V 1926 D ASBD	0101: 200002 ATE2	28 . Date	Е2		ended. This wave. Its va between wave	vāriable repeats once per lue is subject to change
A b o c	llocation f usiness beg nce per wav hange betwe	lag for date op an. This varia e. Its value is en waves.	eration of	V V V V	1 . Sta 2 . Col 3 . Log 4 . Sta	tistical imputation(hot deck) d deck imputation ical imputation(derivation) tistical or logical
V V V	1 . Sta 2 . Col 3 . Log	imputed tistical imputat d deck imputati ical imputation	on ı(deri vati on)	V V D EHR	. dat SBS2 2	1136
V V V D TEBD	. i mp . dat	tistical or log utation using p a 1124		j	Between MONT how many hou work at all	worked per week H1 1st and the end of MONTH4, rs per week did usually activities for this business? e repeats once per wave.
W b M 7	hen was the usiness? Ye onth digits -8 Range 01	ion of business last date ar digits 1-4 F 5-6 Range 01:1 :31 This varia e. Its value is	had this lange 1926: 2000 2 Day digits able repeats	U All per the	Its value is waves. persons 15+ iod who had reference p	subject to change between  at the end of the reference two or more businesses during eriod. EPOPSTAT = 1 and d EBUSCNTR > 1
U All peri	hange betwe persons 15+ od who had reference p		the reference sinesses during no longer have	V V D AHR: T BS:	1: 99 . Hou SBS2 1	in universe rs 1138 flag for EHRSBS2
= 1 V V 1926	AND EBUSCNT - 1 . Not 0101: 200002	R > 1 EBIZNOW2 in universe 28 . Date			Allocation f per week.  T	lag for usual hours worked his variable repeats once s value is subject to change
T BS:	ATE2 1 Allocation Ilocation f usiness end nce per wav hange betwe	flag for TEBDAT lag for date op ed. This varia e. Its value is	E2 beration of ble repeats s subject to	V V V V V	2 . Col 3 . Log 4 . Sta	imputed tistical imputation(hot deck) d deck imputation ical imputation(derivation) tistical or logical utation using previous wave
V V V V V V	0 . Not 1 . Sta 2 . Col 3 . Log 4 . Sta	imputed tistical imputa d deck imputati i cal imputation tistical or log utation using p	on n(deri vati on) gi cal	V D EGR T BS:	datdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdat datdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdatdat	1139 gross-earnings level the earnings before expenses siness will be \$2,500 or more t twelve months? This
W e: p: r:	Reason busi hat is the nded this b ractice, or epeats once	main reason usiness, profes farm? This va per wave. Its	ssional rriable value is	U AII per the the 1 a	persons 15+ i od who had reference p end of the nd EPDJBTHN	eats once per wave. Its value of change between waves. at the end of the reference two or more businesses during eriod and this business at reference period. EPOPSTAT = =1 and EBUSCNTR > 1 and
U All peri the	persons 15+ od who had reference p	hange between v at the end of two or more bus eriod but who r EPOPSTAT = 1 ar	the reference sinesses during no longer have	V V V	ZNOW2 = 1 -1 . Not 1 . Yes 2 . No	in universe

DATA	SIZE	BEGI N	DATA	SIZE	BEGI N
D AGROSB2 T BS: Alloca	1 ation ition f	1141 flag for EGROSB2 lag for anticipated ngs level. This variable	V V	. data	
repeat subject V V V	s once t to c 0 . Not 1 . Sta 2 . Col 3 . Log 4 . Sta	e per wave. Its value is change between waves. change between waves. cinputed atistical imputation(hot deck) d deck imputation gical imputation(derivation) atistical or logical butation using previous wave	Is the variation of the reference of the carned of the car	orporated his busing able reposited to some 15+ who had to erence poor is exp	1148 d business ness incorporated? This eats once per wave. Its value o change between waves. at the end of the reference two or more businesses during eriod and this business pected to earn more than before expenses. EPOPSTAT = = 1 and EBUSCNTR > 1 and
Do you from t over t	ngs le think his bu he las	1142 evel last 12 months t the earnings before expenses usiness were \$2,500 or more st twelve months that	(EGRSSB: V V V	2 = 1 or -1 . Not 1 . Yes 2 . No	EGROSB2 = 1) in universe
repeat subject U All perso period wh the refer this busi	s once t to cons 15- no had ence p ness.	e business? This variable e per wave. Its value is change between waves at the end of the reference two or more businesses during beriod but who no longer have EPOPSTAT = 1 and EPDJBTHN = 1 1 and EBIZNOWZ = 2	Allo is i repe	ocation for cation for cation for cation for cate cate cate cate cate cate cate cate	list flag for EINCPB2 lag for whether the business ted. This variable per wave. Its value is nange between waves. imputed tistical imputation(hot deck)
V V		in universe	V V V V	2 . Col o 3 . Logi 4 . Stat	ideck imputation(not deck) id deck imputation(derivation) ical imputation(derivation) tistical or logical utation using previous wave
T BS: Alloca Alloca 12 mon	iths.	flag for EGRSSB2 lag for earnings level last This variable repeats once s value is subject to change	D EPROPB2 T BS: Type Does	. data 2 e of proj	
between V V V V V V V V V V V V V V V V V V	en wave 0 . Not 1 . Sta 2 . Col 3 . Log 4 . Sta	es. imputed itistical imputation(hot deck) d deck imputation gical imputation(derivation) atistical or logical butation using previous wave	herse variatis si U All pera period the refe unincor	elf or is able repo ubject to sons 15+ who had to erence po porated a	s it a partnership? This eats once per wave. Its value of change between waves. at the end of the reference two or more businesses during eriod and this business is and earned or is expected to \$2,500 per year before TAT = 1 and EPDJBTHN = 1 and
What w includ at any	um num as the ling one t	1145 ber of employees e maximum number of employees . working for this business ime? This variable	EBUSCNT	R > 1 and EINCPB2 = -1.Not 1.alo	d (EGRSSB2 = 1 or EGROSB2 = = 2 in universe
subject U All person period whe the refer earned or \$2,500 pe 1 and EPI	et to cons 154 ons 154 conce per is exerce year OJBTHN	e per wave. Its value is change between waves.  - at the end of the reference two or more businesses during period and this business expected to earn more than before expenses. EPOPSTAT = = 1 and EBUSCNTR > 1 and	propi once chang V	ocation f cation fl rietorshi per wave ge betwee 0 .Not	1153 flag for EPROPB2. lag for type of ip. This variable repeats e. Its value is subject to en waves. imputed
V - V V	1 . Not 1 . Und 2 . 25:	r EGROSB2 = 1) in universe ler 25 employees 99 employees )+ employees	V V V V V	2 . Col o 3 . Logi 4 . Stat	tistical imputation(hot deck) I deck imputation I cal imputation(derivation) tistical or logical utation using previous wave
T BS: Alloca Alloca employ per wa	rees. ive. It	flag for EEMPB2 This variable repeats once s value is subject to change	Are a	2 er owners anv other	1154 r/ partners in household r/ members of this household partner in this business? repeats once per wave. Its
V V V V V	0 . Not 1 . Sta 2 . Col 3 . Log	es. imputed atistical imputation(hot deck) d deck imputation gical imputation(derivation) atistical or logical	Value U All pers period the refe	e is subj sons 15+ who had t erence po	erepeats once per wave. Its ject to change between waves. at the end of the reference two or more businesses during eriod. This business was/is was/is a partnership.

D/	ATA SI ZE	BEGI N	DA	ATA S	SI ZE	BEGIN
V V V	1 and (EINCPB2 : -1 . Not	= 1 or EPROPB2 = 2) in universe	V V V V V	2 3 4	. Col c . Logi . Stat	cistical imputation(hot deck) I deck imputation cal imputation(derivation) cistical or logical tation using previous wave
D T V V V V V V	Allocation f in household once per wav change betwee 0 . Not 1 . Star 2 . Col 3 . Log 4 . Star	flag for EHPRTB2 lag for other owners/partners . This variable repeats e. Its value is subject to en waves. imputed tistical imputation(hot deck) d deck imputation ical imputation(derivation) tistical or logical utation using previous wave	D T	TPRFTB2 BS: Net pro What is or loss, gross re referenc repeats subject All persons period who the referen incorporate	fit of your that ceipt e per once to che had to ce per days and	1163 or loss estimate of the net profit is, the difference between s and expenses, during the riod? This variable per wave. Its value is nange between waves. at the end of the reference two or more businesses during eriod. This business was not l was owned in partnership
D T	busi ness? T	from business a regular salary from this his variable repeats once s value is subject to change	V V	EI NCPB2 not - 2500: 17450	equa . Dol . None	e or not in universe
U	All persons 15+ period who had the reference period is expected year before expected	at the end of the reference two or more businesses during eriod. This business earned to earn more than \$2,500 per enses. EPOPSTAT = 1 and		BS: Allocat Allocati This var Its valu waves.	ion f on fl iable e is	flag for TPRFTB2 ag for net profit or loss. e repeats once per wave. subject to change between
V V V	1 or EGROSB1 = 1 -1 . Not 1 . Yes 2 . No	2) in universe	V V V V	1 2 3 4	. Stat . Col o . Logi . Stat . i mpu	imputed istical imputation(hot deck) I deck imputation cal imputation(derivation) istical or logical Itation using previous wave
V V V V V V	Allocation t business. T per wave. It: between wave: 0 . Not 1 . Sta: 2 . Col 3 . Log 4 . Sta	flag for ESLRYB2 lag for salary draw from his variable repeats once s value is subject to change s. imputed tistical imputation(hot deck) d deck imputation ical imputation(derivation) tistical or logical utation using previous wave	T U	TBMSUM2 BS: Income What was received month? Its valu months. All persons period who the referen EPDJBTHN =	recei the from This e is 15+ had to ce per	
D T	this business end of MONTH once per wave	non-salary income ive any other income from s between MDNTH1 1st and the 4? This variable repeats e. Its value is subject to	V D	1: 50000 ABMSUM2 BS: Allocat Allocati business	Doll  ion fon flagen	ars  1174  Plag for TBMSUM2  ag for income received from smonth. This is a able. Its value is subject to
v	period who had the reference pror is expected year before experience before EPDJBTHN = 1 and 1 or EGROSB2 = -1. Not	at the end of the reference two or more businesses during eriod. This business earned to earn more than \$2,500 per enses. EPOPSTAT = 1 and d EBUSCNTR > 1 and (EGRSSB2 =	V V V V V	change b 0 1 2 3 4	etwee . Not . Stat . Col c . Logi . Stat	en months. imputed istical imputation(hot deck) I deck imputation cal imputation(derivation) cistical or logical itation using previous wave
V V D T	BS: Allocation f	1162 flag for EOINCB2 lag for receipt of non-salary	D T	Which pe partner This var	numbe rson in th i able	1175 er of partner 1 in the household is a ne respondent's business? erepeats once per wave. Its
v	repeats once subject to cl	bušiness. This variable per wave. Its value is hange between waves. imputed		All persons period_who	15+ had t	ect to change between waves. at the end of the reference two or more businesses during eriod. This business had a

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
EPD 1 V	OJBTHN = 1 an -1 . Not O1: 1299 . Per	household. EPOPSTAT = 1 and d EBUSCNTR > 1 and EHPRTB2 = in universe son number of partner	Allocat This va	tion fl ariable	flag for TBSIND2 lag for business industry. e repeats once per wave. subject to change between
V	9999 . Una . par	ble to identify person # of tner	<b>V</b>	l . Stat	<pre>imputed tistical imputation(hot deck) d deck imputation cal imputation(derivation)</pre>
T BS:	Person numb Which other partner in t	1179 er of partner 2 person in the household is a he respondent's business?	V V V V	1 . Stat	tistical or logical utation using previous wave
U All	This variabl value is sub persons 15+ iod who had	e repeats once per wave. Its ject to change between waves. at the end of the reference two or more businesses during	D TBSOCC2 T BS: Occupa This va	ari abl e	e repeats once per wave.
par EPD 1	rtner in the	eri od. This busi ness had a household. EPOPSTAT = 1 and d EBUSCNTR > 1 and EHPRTB2 =	U All person period who	ns 15+ o had t	subject to change between at the end of the reference two or more businesses during
V V V	.01: 1299 . Per 9999 . Una	in universe son number of partner ble to identify person # of tner	the refere EPDJBTHN = V -1	ence po = 1 and l .Not	eriod. EPOPSTAT = 1 and d EBUSCNTR > 1 in universe ef executives and general
T BS:	ARTB32 4 Person numb	1183 er of partner 3 person in the household is a	V V V	admi . admi . Admi .	nistrators, public nistration (112) nistrators and officials, ic administration (1132-
	partner in t This variabl value is sub	he respondent's business? e repeats once per wave. Its ject to change between waves.	V	. 1139 6 . Admi serv .	9) inistrators, protective vices (1131)
per the par	riod who had e reference p rtner in the	at the end of the reference two or more businesses during eriod. This business had a household. EPOPSTAT = 1 and d EBUSCNTR > 1 and EHPRTB2 =	V 8 V 9	3 . Pers . mana 9 . Puro 3 . Mana	ancial managers (122) sonnel and labor relations agers (123) chasing managers (124) agers, marketing,
V 1 V 1 V V	.01: 1299 . Per 9999 . Una	in universe son number of partner ble to identify person # of	V V V	rela. Admi. fiel.	ertising, and public ations (125) In, education and rel. (ds (128)
D TBS T BS:	SIND2 2 Industry co	tner 1187 de	V V V	. (131 7 . Mana . l ods	agers, food serving and ging establishments (1351)
	This variabl Its value is waves.	e repeats once per wave. subject to change between	V 19	3 . Manā . esta 9 . Fune	agers, properties and real ate (1353) eral directors (part 1359)
per the EPD	rson who had e reference p JJBTHN = 1 an	two or more businesses during period. EPOPSTAT = 1 and d EBUSCNTR > 1	V V V 22	. orga . 1352 . Mana	agers, service mizations, n.e.c. (127, 2, 1354, part 1359) agers and administrators,
V V V V	1 . Agr	in universe iculture, forestry and heries ing	V V	. n. e. . 136-	c. (121, 126, 132-1343, 139) puntants and auditors
V V V V	3 . Con 4 . Man 5 . Man	struction ufacturing: nondurable goods ufacturing: durable goods	V 24 V 25 V	1 . Unde 5 . Othe . (141	erwriters (1414) er financial officers 15, 1419)
V V V	. and 7 . Who 8 . Who	nsportation, communications other public utilities lesale Trade: durable goods lesale trade: nondurable	V 27 V V	7 . Pers . l abo . (143	agement analysts (142) sonnel, training, and or relations specialists 3)
V V V V	. goo 9 . Ret 10 . Fi n . est	ail trade ance, insurance and real	V	. farı 9 . Buye	chasing agents and buyers, n products (1443) ers, wholesale and retail de except farm products
V V V	11 . Bus 12 . Per 13 . Ent	iness and repair services sonal services ertainment and recreation	V V V	. (144 3 . Puro . <u>n</u> . e.	12) ch. agents and buyers, c. (1449)
V V V V	14 . Pro . ser	vices fessional and related vices lic administration	V V 35 V	. (145 5 . Cons . (147	struction inspectors 72)
D ABS		1189	V 36	i . Insp	pectors and compliance cers, except construction

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V	.(1473) 37 .Management rel. occupations,	V V	123 .History teachers (2222) 124 .Political science teachers
V	. n. e. c. (149)	V	. (2223)
V	43 . Architects (161)	V V	125 . Soci ol ogy teachers (2224) 126 . Soci al science teachers,
<b>V</b>	44 . Aerospace engineers(1622) 45 . Metallurgical and materials	<b>Č</b>	. n. e. c. (2225)
V	. engi neers (1623)	V V	127 Engineering teachers (2226)
V	46 . Mining engineers (1624) 47 . Petroleum engineers (1625)	V	128 . Math. science teachers (2227) 129 . Computer science teachers
V	48 . Chemical engineers (1626)	V	. (2228) 133 . Medical science teachers
V V	49 Nuclear engineers (1627) 53 Civil engineers (1628)	V V	. (2231)
V	54 . Agri cul tural engi neers (1632)	V	134 . Health specialties teachers
V V	55 . Engineers, electrical and	V V	. (2232) 135 . Busi ness, commerce, and
<b>v</b>	. el ectroni c (1633, 1636) 56 . Engineers, industrial (1634)	V	marketing teachers (2233)
V	57 . Engineers, mechanical (1635)	V	136 . Agriculture and forestry
V V	58 Marine and naval architects (1637)	V V	. teachers (2234) 137 . Art, drama, and music
V	59 . Èngi neers, n. e. c. (1639) 63 . Surveyors and mapping	V	. teachers (2235) 138 . Physical education teachers
V V	63 . Surveyors and mapping . sci entists (164)	V V	138 . Physical education teachers
v	64 . Computer systems analysts and	V	. (2236) 139 . Education teachers (2237)
V V	. sci enti sts (171)	V V	143 .English teachers (2238)
V	65 . Operations and systems . researchers and analysts	V	144 . Foreign language teachers . (2242)
V	. (172)	V	145 . Law teachers (2243)
V V	66 . Actuaries (1732) 67 . Statisticians (1733)	V V	146 .Social work teachers (2244) 147 .Theology teachers (2245)
V	68 . Mathematical scientists,	V	148 . Trade and industrial teachers
V V	. n. e. c. (1739) 69 . Physicists and astronomers	V V	. (2246) 149 . Home economics teachers
V	. (1842, 1843)	V	. (2247)
V V	73 . Chemists, except biochemists	V V	153 . Teachers, postsecondary,
V	. (1845) 74 . Atmospheric and space	V	. n. e. c. (2249) 154 . Postsecondary teachers,
V V	. sci enti sts (1846) 75 . Geologi sts and geodesi sts	V V	. subject not specified 155 . Teachers, prekindergarten and
V	. (1847)	Ÿ	. ki ndergarten (231)
V V	76 . Physical scientists, n.e.c. . (1849)	V V	156 . Teachers, elementary school . (232)
V V	77 . Agri cul tural and food . sci enti sts (1853)	V V	157 . Teachers, secondary school
V	78 . Biological and life	V	. (233) 158 . Teachers, special education
V V	. sci enti sts (1854)	V V	(235)
V	79 Forestry and conservation scientists (1852)	V	159 . Teachers, n. e. c. (236, 239) 163 . Counselors, Educational and
V	83 . Medical scientists (1855)	V	. Vocati onal (24)
V V	84 . Physicians (261) 85 . Dentists (262)	V V	164 . Li brari ans (251) 165 . Archi vi sts and curators (252)
V	86 . Veteri nari ans (27)	V	166 . Economi sts (1912)
V V	87 .Optometrists (281) 88 .Podiatrists (283)	V V	167 . Psychol ogi sts (1915) 168 . Soci ol ogi sts (1916)
v	89 . Heal the diagnosing	V	169 . Social scientists. n. e. c.
V V	. practitioners. n.e.c. (289)	V V	. (1913, 1914, 1919) 173 . Urban planners (192) 174 . Social workers (2032)
V	95 . Registered nurses (29) 96 . Pharmacists (301)	V	173 . Urban prainers (192) 174 . Social workers (2032)
V	97. Dietitians (302)	V	1/5 Recreation workers (2033)
V V	98 . Respi ratory therapists (3031) 99 . Occupational therapists	V V	176 . Clergy (2042) 177 . Religious workers, n. e. c (2049) 178 . Lawyers and Judges (211, 212)
V	. (3032) 103 . Physical therapists (3033)	V	. (2049)
V V	103 . Physical therapists (3033)	V V	178 Lawyers and Judges (211, 212)
V	104 . Speech therapists (3034) 105 . Therapists. n. e. c. (3039)	V	183 . Authors (321) 184 . Technical writers (398)
V	105 . Therapists, n. e. c. (3039) 106 . Physicians' assistants (304) 113 . Earth, environmental, and	V	185 Designers (322)
V V	. marine science teachers	V V	186 . Musicians and composers (323) 187 . Actors and directors (324)
V	. (2212)	V	188 . Painters, sculptors, craft-
V V	114 . Biological science teachers	V V	artists, and artist
V	. (2213) 115 . Chemistry teachers (2214)	V	. printmakers (325) 189 . Photographers (326)
V	116 . Physics teachers (2215)	V	193 . Dancers (327)
V V	117 . Natural science teachers, . n. e. c. (2216)	V V	194 . Artists, performers, and rel workers, n.e.c. (328, 329)
V	118 . Psychol ogy teachers (2217) 119 . Economics teachers (2218)	V	195 . Editors and reporters (331)
V	119 . ECONOMICS LEACHERS (2218)	V	197 . Public relations specialists

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V	. (332)	V	. workers (4366)
V V	198 . Announcers (333) 199 . Athletes (34)	V V	278 . News vendors (4365) 283 . Demonstrators . promoters and
V V	199 Athletes (34) 203 Clinical laboratory	V V	283 . Demonstrators, promoters and models, sales (445)
V	. technologists and technicians . (362)	V	284 . Auctioneers (447) 285 . Sales support occupations,
V V	204 . Dental hygienists (363) 205 . Health record technologists	V V	. n. e. c. (444, 446, 449)
V	and technicians (364)	V	303 . Supervisors, general office . (4511, 4513, 4514, 4516,
V V	206 . Radiologic technicians (365) 207 . Licensed practical nurses	V V	. 4519, 4529) 304 . Supervisors, computer
V	. (366) 208 . Health technologists and	V	. equi pment operators (4512)
V	. techni crans, n. e. c. (309)	V V	305 . Supervi sors, fi nanci al . records processi ng (4521)
V V	213 . El ectri cal and el ectroni c . techni ci ans (3711)	V V	306 . Chi ef communications . operators (4523)
V	214 Industrial engineering	V	307 . Supervi sors, distri buti on,
V V	. techni ci ans (3712) 215 . Mechani cal engi neeri ng	V V	. schedul i ng, and adj usti ng . cl erks (4522, 4524-4528)
V V	. techni ci ans (3713)	V	308 . Computer operators (4612)
V	216 . Engi neeri ng techni ci ans, . n. e. c. (3719)	V V	309 . Peri pheral equi pment . operators (4613)
V V	217 . Drafting occupations (372) 218 . Surveying and mapping	V V	313 . Secretari es (4622) 314 . Stenographers (4623)
V	. techni ci ans (373)	V	315 . Typi sts (4624)
V V	223 . Biological technicians (382) 224 . Chemical technicians (3831)	V V	316 .Interviewers (4642) 317 .Hotel clerks (4643)
V V	225 . Sci ence techni ci ans, n. e. c.	Ÿ	318 .Transportation ticket and
V	. (3832, 3833, 384, 389) 226 . Ai rpl ane pilots, and	V V	. reservation agents (4644) 319 . Receptionists (4645)
V V	. navigators (825) 227 . Air traffic controllers (392)	V V	323 . Information clerks, n. e. c.
V V	228 . Broadcast equipment operators	Ÿ	. (4649) 325 . Classified-ad clerks (4662)
V V	. (393) 229 . Computer programmers (3971,	V V	326 . Correspondence clerks (4663) 327 . Order clerks (4664)
V	. 3972)	V	328 . Personnel clerks, except
V V	233 . Tool programmers, numerical . control (3974)	V V	. payroll and timekeeping . (4692)
V V	234 . Legal assistants (396) 235 . Techni ci ans, n. e. c. (399)	V V	. (4692) 329 . Library clerks (4694) 335 . File clerks (4696)
V	243 . Supervisors and Proprietors,	Ÿ	336 . Records clerks (4699)
V V	. Sales Occupations (40) 253 . Insurance sales occupations	V V	337 . Bookkeepers, accounting, and auditing clerks (4712)
V V V	. (4122) 254 . Real estate sales occupations	V V	338 . Payroll and timekeeping
V	. (4123)	Ÿ	.clerks (4713) 339 .Billing clerks (4715)
V V	255 . Securities and financial . services sales occupations	V V	343 . Cost and rate clerks (4716) 344 . Billing, posting, and
V V	. (4124)	V	. calculating machine operators
V V	256 Advertising and rel. sales occupations (4153)	V V	. (4718) 345 . Duplicating machine operators
V	257 . Sales occupations, other business services (4152)	V V	. (4722)
V V	258 . Sal es engineers (421)	V	346 . Mail preparing and paper . handling machine operators
V V	259 . Sales representatives, . mining, manufacturing, and	V V	. (4723) 347 . Office mach. operators,
V V V	. whol esal e (423, 424)	V	. n. e. c.
V	263 . Sales workers, motor vehicles and boats (4342, 4344)	V V	. (4729) 348 . Tel ephone operators (4732)
V	264 . Sal es workers, apparel (4346) 265 . Sal es workers, shoes (4351)	V V	353 . Communi cations equipment . operators, n. e. c. (4733,
V V V V	266 . Sales workers, furniture and	V	. 4739)
V V	. home furnishings (4348) 267 . Sales workers, radio, Tv,	V V	354 . Postal clerks, except mail . carriers (4742)
V	. hi - fi, and appliances (4343,	V	355 Mail carriers, postal service
4352) V	268 . Sales workers, hardware and	V V	. (4743) 356 . Mail clerks, except postal
V	. building supplies (4353) 269 . Sales workers, parts (4367)	V V	. service (4744) 357 . Messengers (4745)
V V	274 . Sales workers, other	V	359 . Di spatchers (4751)
V V	.commodities (4345, 4347, .4354, 4356, 4359, 4362, 4369)	V V	363 . Production coordinators . (4752)
V V V V V V	275 . Sales counter clerks (4363)	V V	364 . Traffic, shipping, and
V	276 . Cashi ers (4364) 277 . Street and door-to-door sal es	V	receiving clerks (4753) 365 . Stock and inventory clerks

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V	. (4754)	V V	. attendants (5236)
V V	366 . Meter readers (4755) 368 . Weighers, measurers,	Ÿ	448 . Supervi sors, cleaning and . building service workers
V V	. checkers, and samplers (4756, . 4757)	V V	. (5241) 449 . <u>Maids</u> and housemen (5242,
V V	373 . Expediters (4758) 374 . Material recording,	V V	. 5249) 453 . Jani tors and cleaners (5244)
V	. scheduling, and distributing	V	454 . El evator operators (5245)
V V V	. cl erks,n. e. c. (4759) 375 . Insurance adj usters,	V V	455 . Pest control occupations . (5246) 456 . Supervisors, personal service
V	. exami ners,   and  i nvesti gators . (4782)	V V	. occupations (5251)
V V	376 . Învesti gators and adjusters, . except însurance (4783)	V V	457 . Barbers (5252) 458 . Hai rdressers and
V V	377 . Eligibility clerks, social . welfare (4784)	V	. cosmetol ogists (5253) 459 . Attendants, amusement and
V V	378 .Bill and account collectors	V V	recreation facilities (5254)
V	. (4786) 379 . General office clerks (463)	Ÿ	461 . Gui des (5255) 462 . Ushers (5256)
V V	383 .Bank tellers (4791) 384 .Proofreaders (4792)	V	463 . Public transportation . attendants (5257)
V V	385 .Data-entry keyers (4793) 386 .Statistical clerks (4794)	V V	464 .Baggage porters and bellhops .(5262)
V	387 . Teachers' aides (4795) 389 . Administrative support	V V	465 . Welfare service aides (5263) 466 . Family child care providers
V V V	. occupations, n. e. c. (4787,	V V	. (part 5264)
V	. 4799) 403 . Launderers and ironers (503)	Ÿ	467 . Early childhood teacher's . assistants (part 5264)
V V	404 . Cooks, private household	V V	468 . Child care workers, n. e. c
V V	405 . Housekeepers and butlers . (505)	V V	469 . Personal service occupations, . n. e. c. (5258, 5269)
V V	406 . Child care workers, private . hhld (506)	V V	473 . Farmers, except horticultural . (5512-5514)
V V	407 Private hhld cleaners and	V V	474 . Horti cul tural special ty
V	. servants (502, 507, 509) 413 . Supervisors, firefighting and	Ň	. farmers (5515) 475 . Managers, farms, except
V V	. fire prevention . occupations(5111)	V V	. horti cul tural (5522-5524) 476 . Managers, horti cul tural
V V	414 . Supervisors, police and . detectives (5112)	V V	. specialty farms (5525) 477 . Supervisors, farm workers
V V	415 . Supervisors, guards (5113) 416 . Fire inspection and fire	V V	. (5611) 479 . Farm workers (5612-5617)
V V	. prevention occupations (5122) 417 . Firefighting occupations	V V	483 . Marine life cultivation . workers (5618)
V	. (5123)	Ň	484 . Nursery workers (5619)
V V	418 Police and detectives, public service (5132)	V V	485 . Supervisors, rel
V V V	423 . Sheriffs, bailiffs, and other . law_enforcement	V V	. (5621) 486 . Groundskeepers and gardeners,
V V	. officers(5134) 424 .Correctional institution	V V	. except farm (5622) 487 . Animal caretakers, except
V V	officers (5133) 425 Crossing guards (5142)	V V	farm (5624) 488 Grader and sorter,
V V	425 . Crossing guards (5142) 426 . Guards and police, except . public service (5144)	V V	. agri cul tural products (5625) 489 . Inspectors, agri cul tural
V V	427 . Protective service	Ÿ	. products (5627)
V V	. occupations, n. e. c. (5149) 433 . Supervisors, food preparation	V V	494 . Supervisors, forestry and . logging workers (571)
V V V	and service occupations(5211) 434 . Bartenders (5212)	V	495 . Forestry workers, except . logging (572)
V V	435 . Waiters and waitresses (5213) 436 . Cooks (5214, 5215)	V V	496 . Timber cutting and logging . occupations (573, 579)
V V	438 Food counter, fountain and	V V	497 . Captains and other officers, . fishing vessels (part 8241)
V V	rel. occupations (5216)  439 . Kitchen workers, food	V V	498 . Fi sherš (583)
V V	. preparation (5217) 443 . Waiters' /waitresses'	V	499 . Hunters and trappers (584) 503 . Supervisors, mechanics and
v V	. assistants (5218) 444 . Miscellaneous food	V V	. repairers (60) 505 . Automobile mechanics (part
V V	. preparation occupations	V V	. 6111) 506 . Auto mechanic apprentices
V V V V V V V V V V V	. (5219) 445 . Dental assistants (5232) 446 . Health aides, except nursing	V V	. (part 6111) 507 . Bus, truck, and stationary
V V	. (5233) 447 . Nursing aides, orderlies, and	V V	. engi ne mechanics (6112) 508 . Ai rcraft engi ne mechanics
•	ii nui sing ai ucs, vi uci i i es, aiu	▼	ood . milerare engine mechanics

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V	. (6113)	V	573 .Drywall installers (6424)
V V	509 . Small engine repairers (6114) 514 . Automobile body and rel.	V V	575 . Electricians (part 6432) 576 . Electrician apprentices (part
V V	repairers (6115) 515 . Aircraft mechanics, except	V V	. 6432) 577 . Electrical power installers
V	. engi ne (6116)	Ÿ	. and repairers (6433)
V V V	516 . Heāvy equi pment mechanics . (6117)	V V	579 Painters, construction and maintenance (6442)
V V	. (6117) 517 . Farm equipment mechanics . (6118)	V V	583 . Paperhangers (6443) 584 . Plasterers (6444)
V	518 . Industrial machinery	V V	585 . Plumbers, pipefitters, and
V V	. repairers (613) 519 . Machinery maintenance	V	. steamfitters (part 645) 587 . Plumber, pipefitter, and
V V	. occupations (614) 523 . El ectronic repairers,	V V	. steamfitter apprentices (part . 645)
V V	. communi cations and industrial . equipment (6151, 6153, 6155)	V V	588 . Concrete and terrazzo finishers (6463)
V V	525 Data processing equipment	V V	589 . Glaziers (6464)
V	repairers (6154) 1 526 . Hhld appliance and power tool	V	593 . Insulation workers (6465) 594 . Paving, surfacing, and
V V	. repairers (6156) 527 . Telephone line installers and	V V	. tampi ng equi pment operators . (6466)
V V	repairers (6157) 529 . Telephone installers and	V	595 . Roofers (6468) 596 . Sheetmetal duct installers
V	. repairers (6158)	Ÿ	. (6472)
V V	533 . Miscellaneous electrical and . electronic equipment	V V	597 . Ŝtructural metal workers . (6473)
V V	. repairers (6152, 6159) 534 . Heating, air conditioning,	V V	598 Drillers, earth (6474) 599 Construction trades, n.e.c.
V V	and refrigeration mechanics (616)	V V	. (6467, 6475, 6476, 6479) 613 . Supervi sors, extractive
V	535 . Camera, watch, and musical	V	. occupations (632)
V V	.instrument repairers (6171, .6172)	V V	614 .Drillers, oil well (652) 615 .Explosives workers (653)
V V	536 . Locksmiths and safe repairers . (6173)	V V	616 Mining machine operators (654)
V	538 .Office machine repairers	V V	617 Mining occupations, n.e.c.
V V	. (6174) 539 . Mechanical controls and valve	V	. (656) 628 . Supervisors, production
V V	. repairers (6175) 543 . El evator installers and	V V	occupations (67, 71) 634 . Tool and die makers (part
V V	. repairers (6176) 544 . Millwrights (6178)	V V	. 6811) 635 . Tool and die mkr apprentices
V V	547 . Specified mechanics and	V V	. (part 6811) 636 . Precision assemblers, metal
V	. repairers, n. e. c. (6177,6179)	Ÿ	. (6812)
V V V	549 . Not specified mechanics and . repairers	V V	637 . Machinists (part 6813) 639 . Machinist apprentices (part
V V	553 . Supervisors, brickmasons, . stonemasons, and tile setters	V V	. 6813) 643 . Boilermakers (6814)
V V	. (6312)	V V	644 Precision grinders, filers
Ÿ	554 . Supervisors, carpenters and . rel. workers (6313)	Ÿ	. and tool sharpeners (6816) 645 . Patternmakers and model
V V	555 . Supervisors, electricians and . power transmission installers	V V	. makers, metal (6817) 646 . Lay-out workers (6821)
V V	. (6314) 556 . Supervi sors, pai nters,	V V	647 Precious stones and metals workers (Jewelers) (6822,
V V V	. paperhangers, and plasterers	V V	. 6866) 649 . Engravers, metal (6823)
V V	. (6315) 557 . Supervisors, plumbers,	Ÿ	653 . Sheet metal workers (part
V V	.pipefitters, and steamfitters .(6316)	V V	. 6824) 654 . Sheet metal wrker apprentices
V V	558 . Supervi sors, construction, . n. e. c. (6311, 6318)	V V	. (part 6824) 655 . Misc precision metal workers
V V	563 Brickmasons and Stonemasons	V V	. (6829)
V V V V V V V	. (part 6412, part 6413) 564 . Brickmason and stonemason	Ÿ	656 Patternmkrs and model makers, wood (6831)
V V	. apprenti ces (part 6412, part . 6413)	V V	657 Cabinet makers and bench carpenters (6832)
V	565 .Tile setters, hard and soft .(part 6414, part 6462)	V V	658 . Furniture and wood finishers . (6835)
V V V	566 . Carpet installers (part 6462)	V	659 . Misc precision woodworkers
V V	567 . Carpenters (part 6422) 569 . Carpenter apprentices (part	V V	. (6839) 666 . Dressmakers (part 6852, part
V	. 6422)	V	. 7752)

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V	667 . Tailors (part 6852)	V	727 . Sawing machine operators
V	668 . Uphol sterers (6853)	V	. (7433, 7633)
V	669 . Shoe repairers (6854)	V	728 . Shapi ng and j oi ni ng machi ne
V	674 . Misc precision apparel and . fabric workers (6856, 6859,	V	. operators (7435, 7635)
V		V	729 . Nailing and tacking machine
V V	part 7752) 675 . Hand molders and shapers,	V V	. operators (7636)
V	. except jewelers (6861)	Ÿ	733 . Mi scell aneous woodworki ng . machi ne operators (7434,
V	676 . Patternmakers, lay-out	V	. 7439, 7634, 7639)
V	. workers, and cutters (6862)	V	734 . Printing press operators
V V	677 . Optical goods workers (6864, part 7477, part 7677)	V V	734 . Printing press operators . (7443, 7643) 735 . Photoengravers and
V	678 . Dental laboratory and medical	Ÿ	. lithographers (6842, 7444,
V	. appliance technicians (6865)	V	. 7644) 736 . Typesetters and compositors
V	679 . <u>B</u> ookbinders (6844)	V	
V	683 . El ectri cal /el ectroni c	V	. (6841, 7642)
V	. equi pment assembl ers (6867)	V	737 . Miscellaneous printing
V	684 . Msc precision workers, n. e. c (6869)	V	. machi ne operators (6849,
V		V	. 7449, 7649)
Ÿ	686 Butchers and meat cutters	Ÿ	738 . Winding and twisting machine operators (7451, 7651)
V	. (6871)	V	739 . Knitting, Tooping, taping,
V	687 . Bakers (6872)	V	
V	688 . Food batchmakers (6873, 6879)	V	. and weaving machine operators
V	689 . Inspectors, testers, and	V	. (7452, 7652)
V V	graders (6881, 828)	V V	743 . Textile cutting machine
V	693 . Adjusters and calibrators . (6882)	Ÿ	. operators (7654) 744 . Textile sewing machine
V	694 . Water and sewage treatment .pl ant operators (691)	V	. operators (7655)
V		V	745 . Shoe machine operators (7656)
V V	695 . Power plant operators (part	V V	747 . Pressing machine operators
V	. 693) 696 . Stationary engineers (part	Ÿ	. (7657) 748 . Laundering and dry cleaning
V	. 693, 7668)	V	. machi ne operators (6855,
V	699 . Mi scellaneous plant and	V	. 7658)
V V	. system operators (692, 694, . 695, 696)	V V	749 . Miscellaneous textile machine . operators (7459, 7659)
V	703 . Set-up operators, lathe and . turning machine (7312)	Ÿ	753 . Cementing and gluing machine
V	. turning machine (7312)	V	operators (7661). 754 . Packaging and filling machine
V	704 . Operators, lathe and turning	V	
V	. machi ne (7512)	V	. operators (7462, 7662)
V	705 . Milli ng and plani ng machi ne	V	755 . Extruding and forming machine
V	. operators (7313, 7513)	V	. operators (7463, 7663)
V	706 . Punchi ng and stampi ng press	V	756 Mixing and blending machine operators (7664)
V	. machi ne operators (7314,	V	
V	.7317, 7514, 7517)	V	757 .Separating, filtering, and .clarifying machine operators
V	707 .Rolling machine operators	V	
V	. (7316, 7516)	<b>V</b>	. (7476, 7666, 7676)
V V	708 Drilling and boring machine operators (7318, 7518)	V	758 . Compressing and compacting . machine operators (7467,
V	709 . Grinding, abrading, buffing,	V	. 7667)
V	. and polishing machine	V	759 . Painting and paint spraying
V	. operators (7322, 7324, 7522)	V V	. machi ne operators (7669)
V V	713 . Forging machine operators . (7319, 7519)	V	763 Roasting and baking machine operators, food (7472, 7672)
V	714 Numerical control machine	V	764 Washi ng, cleani ng, and pi ckli ng machi ne operators
V	operators (7326)	V	
V	715 . Miscellaneous metal, plastic,	V	. (7673)
V	. stone, and glass working	V	
V	. machine operators (7329,	V	765 . Fol ding machine operators . (7474, 7674)
V	. 7529)	V	766 Furnace, kiln, and oven operators, except food (7675)
V	717 . Fabri cating machine	V	
V	. operators, 'n. e. c. (7339,	V	768 . Crushing and grinding machine operators (part 7477, part
V	. 7539)	V	
V	719 Molding and casting machine	Ÿ	. 7677)
V	. operators (7315, 7342, 7515,	V	769 . Slicing and cutting machine . operators (7478, 7678)
V	. 7542)	V	
V	723 . Metal plating machine	V	773 Motion picture projectionists (part 7479)
V	. operators (7343, 7543)	V	
V	724 . Heat treating equipment	Ÿ	774 . Photographi c process machi ne
V	operators (7344, 7544)	V	. operators (6863, 6868, 7671)
V		V	777 . Miscellaneous machine
V	. processi ng machi ne operators	V	. operators, n. e. c. (part 7479,
V	. (7349, 7549)	V	. 7665, 7679)
V	726 . Wood lathe, routing, and	Ÿ	779 . Machine operators, not
V	. plani ng machi ne opërators	V	. specified 783 . Welders and cutters (7332,
V	. (7431, 7432, 7631, 7632)	V	

DATA	SIZE BEGIN	DATA	SIZE BEGIN
<u>v</u>	. 7532, 7714)	<u>y</u>	869 . Construction laborers (871)
V 7	84 . Sol derers and brazers (7333,	V V	874 . Production helpers (861, 862)
<b>V</b> 7	85 . Assemblers (772, 774)	Ů,	875 Garbage collectors (8722) 876 Stevedores (8723)
V 7	86 . Hand cutting and trimming occupations (7753)	V V	877 . Stock handlers and baggers . (8724)
<u>V</u> 7	occupations (7753) 87 Hand molding, casting, and	V	878 . Machine feeders and
V V	. forming occupations (7754, . 7755)	V V V	offbearers (8725) 883 Freight, stock, and material
V 7	89 .Hand painting, coating, and	V	. handlers,n. e. c. (8726)
V V 7	. decorating occupations (7756) 93 . Hand engraving and printing	V	885 . Garage and service station rel. occupations (873)
V V 7	93 . Hand engraving and printing . occupations (7757) 95 . Miscellaneous hand working	V	887 . Vehicle washers and equipment
V	. occupations (7758, 7759)	V V V V V V V V V	. cleaners (875) 888 . Hand packers and packagers
V 7	96 . Production inspectors,	V	. (8761)
	. checkers, and examiners (782, . 787) 97 . Production testers (783)	<u>v</u>	889 . Laborers, except construction . (8769)
V 7 V 7	97 . Production testers (783) 98 . Production samplers and	V V	905 . Persons whose current labor . force status is unemployed
Ÿ	. weighers (784)	Ÿ	and last job was Armed Forces
V 7	99 . Graders and sorters, except . agricultural (785)	D ABSOCC2	2 1 1193
<b>V</b> 8	03 . Supervisors, motor vehicle	T BS: All	location flag for TBSOCC2
V V 8	. operators (8111) 04 . Truck drivers (8212-8214)	Allo Thi s	ocation flag for business occupation. s variable repeats once per wave.
V 8	06 . Driver-sales workers (8218)	Its	value is subject to change between
V 8 V 8	08 . Bus drivers (8215) 09 . Taxicab drivers and	V wave	es. O .Not imputed
V V 8	chauffeurs (8216)	V V	1 . Statistical imputation(hot deck) 2 . Cold deck imputation
V 8	13 . Parking lot attendants (874) 14 . Motor transportation	V V V	3 . Logical imputation(derivation)
V V 8	occupations, n.e.c. (8219) 23 Railroad conductors and	V V	4 . Statistical or logical .imputation using previous wave
V	. yardmasters (8113)	Ÿ	. data
V 8	24 . Locomotive operating . occupations (8232)	D EUECTYP	P5 2 1194
V 8	25 Railroad brake, signal, and	T GI: Rec	ceipt of State unemployment comp. (ISS
V V 8	. switch operators (8233) 26 . Rail vehicle operators,	Code 5) Di d	receive any state unemployment
V	n.e.c. (8239) 28 Ship captains and mates,	comp	pensation during the reference period? s variable repeats once per wave.
V	. except fishing boats (part	Its	value is subject to change between
V V 8	. 8241, 8242) 29 . Sailors and deckhands (8243)	wave U All per	es. rsons aged 15+ at end of reference
V 8	33 . Mari ne engi neers (8244)	period	who left a job or business during the nce period. EPOPSTAT = 1 and EPDJBTHN
V 8	34 . Bridge, lock, and lighthouse . tenders (8245)	referen = 1 and	nce period. EPOPSIAT = 1 and EPDJBIHN d (EJOBCNTR > 0 and (ESTLEMP1 or
V 8	43 . Supervisors, material moving	ESTLEMP	P1 =2)) or (EBUSCNIK > 0 AND (EBIZNOW)
V 8	. equipment operators (812) 44 . Operating engineers (8312)	V	ZNOW2 =2)) -1 . Not in universe
V 8	45 Longshore equipment operators	V V	1 . Yes 2 . No
<u>v</u> 8	45 . Longshore equipment operators . (8313) 48 . Hoist and winch operators		
V	. (8314) 49 . Crane and tower operators	D AUECTYP	P5 1 1196 location flag for EUECTYP5
V	. (8315)	Allo	location flag for EUECTYP5 ocation flag for receipt of ISS code 5
V V	53 . Excavating and loading . machine operators (8316)	Stat vari	te unemployment compensation This iable repeats once per wave. Its value
V 8	55 .Grader, dozer, and scraper	is s V	subject to change between waves.
V V 8	operators (8317). 56 .Industrial truck and tractor	V	0 . Not imputed 1 . Statistical imputation (hot
V	. equipment operators (8318) 59 . Misc material moving	V V	. deck) 2 . Cold deck imputation
V	. equipment operators (8319)	V	3 . Logical imputation (derivation)
V 8	64 . Sûpervi sors, handlers, . equi pment cleaners, and	V V	4 . Statistical or logical . imputation using previous wave
V	. l aborers,n. e. c. (85)	<b>v</b>	. data
V	65 . Hel pers, ´mechani cs, ´and . repai rers (863)	D EUECTYP	P7 2 1197
V 8	66 . Helpers, construction trades	T GI: Rec	ceipt of other unemployment comp. (ISS
V V 8	. (8641-8645, 8648) 67 . <u>H</u> el pers, surveyor (8646)	Code 7) Di d	receive any other unemployment
V 8	68 . Helpers, extractive . occupations (865)	bene Trad	receive any other unemployment efits (strike pay, union benefits, de Adjustment Act benefits, etc.)
•	. occupactors (ooo)	11 au	ac my document net benefits, etc.)

```
during the reference period? This variable repeats once per wave. Its value is subject to change between waves.

U All persons aged 15+ at end of reference period who left a job or business during the reference period. EPOPSTAT = 1 and EPDJBTHN = 1 and (EJOBCNTR > 0 and (ESTLEMP1 or ESTLEMP1 = 2)) or (EBUSCNTR > 0 AND (EBIZNOW1 or EBIZNOW2 = 2))

V -1 . Not in universe
V 2 . No
                   during the reference period? This
                                                                                                                                                                              D ALMPTYP2
                                                                                                                                                                                                                                           1205
                                                                                                                                                                              T GI: Allocation flag for ELMPTYP2
Allocation flag for receipt of ISS Code
15. Severance pay This variable
repeats once per wave. Its value is
subject to change between waves.
                                                                                                                                                                                                                   0 . Not imputed
1 . Statistical imputation (hot
                                                                                                                                                                                                                   . deck)
2 . Cold deck imputation
3 . Logical imputation (derivation)
4 . Statistical or logical
                                                                                                                                                                              V
V
V
V
V
                                                                                                                                                                                                                          . imputation using previous wave
  D AUECTYP7
                                                               1199
 D AUEUTY/ 1 1199
T GI: Allocation flag for EUECTYP7
Allocation flag for receipt of ISS Code 7
Other unemployment compensation This
variable repeats once per wave. Its value
is subject to change between waves.
V 0 .Not imputed
V 1 . Statistical imputation (hot
V .deck)
                                                                                                                                                                              D ELMPTYP3
                                                                                                                                                                                                                            2
                                                                                                                                                                                                                                           1206
                                                                                                                                                                               T GI: Receipt of other type of lump sum
                                                                                                                                                                                     payment
                                                                                                                                                                                              Did ... receive any other type of lump sum payment during the reference period? ISS Code 52. This variable repeats once per wave. Its value is subject to
                                        . deck)

2 . Cold deck imputation
                                                                                                                                                                                               change between waves.
                                                                                                                                                                             U All persons aged 15+ at end of reference period who left a job or business during the reference period. EPOPSTAT = 1 and EPDJBTHN = 1 and (EJOBCNTR > 0 and (ESTLEMP1 or ESTLEMP1 =2)) or (EBUSCNTR > 0 AND (EBIZNOWI or EBIZNOW2 =2))
                                        3 . Logical imputation (derivation)
4 . Statistical or logical
                                               . imputation using previous wave
                                               . data
  D ELMPTYP1
 D ELMPTYP1 2 1200
T GI: Receipt of lump sum from pension/retirement plan
Did ... receive a lump sum from a pension/retirement plan during the reference period? ISS Code 39 This variable repeats once per ways. Its
                                                                                                                                                                                                               -1 . Not in universe
1 . Yes
2 . No
                                                                                                                                                                              D ALMPTYP3
                                                                                                                                                                                                                                          1208
 reference period? ISS Code 39 This variable repeats once per wave. Its value is subject to change between waves.

U All persons aged 15+ at end of reference period who left a job or business during the reference period. EPOPSTAT = 1 and EPDJBTHN = 1 and (EJOBCNTR > 0 and (ESTLEMP1 or ESTLEMP1 =2)) or (EBUSCNTR > 0 AND (EBIZNOW1 or EBIZNOW2 =2))

V 1 Not in universe
                                                                                                                                                                              T GI: Allocation flag for ALMPTYP3
Allocation flag for ISS Code 52. Other
lump sum payments. This variable
repeats once per wave. Its value is
subject to change between waves.
                                                                                                                                                                                                                  0 .Not imputed
1 .Statistical imputation (hot
                                                                                                                                                                              V
V
V
V
V
V
V
                                                                                                                                                                                                                          . deck)
                                                                                                                                                                                                                   2 .Cold deck imputation
3 .Logical imputation (derivation)
4 .Statistical or logical
                                   -1 . Not in universe
1 . Yes
2 . No
                                                                                                                                                                                                                           . imputation using previous wave
  D ALMPTYP1
                                                               1202
 D ALMPTYP1 1 1202
T GI: Allocation flag for ELMPTYP1
Allocation flag for receipt of ISS Code
39. Lump sum pension/retirement This
variable repeats once per wave. Its value
is subject to change between waves.
V 0 .Not imputed
V 1 .Statistical imputation (hot
                                                                                                                                                                              D ESSSELF
                                                                                                                                                                                                                                           1209
                                                                                                                                                                              T \overline{\text{GI:}} Receipt of Social Security payments for \operatorname{self}
                                                                                                                                                                                              Did ... receive any Social Security
payments for him/her self during the
reference period? ISS Code 1 This
                                                                                                                                                                              variable repeats once per wave. Its value is subject to change between waves.

U All persons 15+ at the end of the reference period. EPOPSTAT = 1
                                       deck)

2 Cold deck imputation

3 Logical imputation (derivation)

4 Statistical or logical
                                                                                                                                                                                                               -1 . Not in universe
1 . Yes
2 . No
                                               .imputation using previous wave
D ELMPTYP2 2 1203
T GI: Receipt of severance pay (ISS Code 15)
    Did ... receive any severance pay during the reference period? ISS Code 15
    This variable repeats once per wave. Its value is subject to change between waves.
U All persons aged 15+ at end of reference period who left a job or business during the reference period. EPOPSTAT = 1 and EPDJBTHN = 1 and (EJOBCNTR > 0 and (ESTLEMP1 or ESTLEMP1 =2)) or (EBUSCNTR > 0 AND (EBIZNOW1 or EBIZNOW2 =2))
V -1. Not in universe
                                                                                                                                                                             D ASSSELF 1 1211
T GI: Allocation flag for ESSSELF
Allocation flag for ISS Code 1 - self.
Social Security for self This
variable repeats once per wave. Its value
is subject to change between waves.
V 0 .Not imputed
V 1 .Statistical imputation (hot
.deck)
V 2 .Cold deck imputation
V 3 .Logical imputation (derivation)
                                                                                                                                                                              D ASSSELF
                                                                                                                                                                                                                                           1211
                                                                                                                                                                                                                   3 . Logical imputation (derivation)
4 . Statistical or logical
. imputation using previous wave
                                        1 . Yes
2 . No
```

DATA	SIZE BEGIN	DATA	SIZE BEGIN
children Did payment during childre per wav between U All person reference guardians V -1 V 1	receive any Social Security receive any Social Security s on behalf of's children the reference period? ISS Code 1 m. This variable repeats once te. Its value is subject to change	D ASSISELF T GI: Alloca Alloca Supple This v value V V	2 . No  1 1220 ation flag for ESSISELF tion flag for ISS Code 3/self. mental Security Income for self ariable repeats once per wave. Its is subject to change between waves. 0 . Not imputed 1 . Statistical imputation (hot . deck) 2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data
This val Its val waves. V 0 V 1 V V 2 V 3	1 1214  Ition flag for ESSCHILD  ion flag for ISS Code 1 -  In. Social Security for children  Iriable repeats once per wave.  Ive is subject to change between  I Not imputed  I Statistical imputation (hot  I deck)  I Cold deck imputation  I Logical imputation (derivation)  I Statistical or logical  I imputation using previous wave  I data	D ESTSSI T GI: Recei Code 4) Did from t ISS Co per wa betwee U All perso reference Federal S V	2 1221 pt of State administered SSI (ISS . receive a separate SSI payment he State or local welfare office? de 4 This variable repeats once ve. Its value is subject to change n waves. ns aged 15+ at the end of the period. who reported receiving SI. EPOPSTAT = 1 1 . Not in universe 1 . Yes 2 . No
Income duri ng This val Its val waves. U All person reference guardi ans V -1	2 1215 of SSI for children (ISS Code 3) receive any Supplemental Security (SSI) on behalf of's children the reference period? ISS Code 3 riable repeats once per wave. ue is subject to change between us aged 15+ at the end of the period who are parents or of children < 21 EPOPSTAT = 1 . Not in universe . Yes	V V V	ation flag for ESTSSI tion flag for ISS Code 4. State stered SSI This variable s once per wave. Its value is t to change between waves. 0 .Not imputed 1 .Statistical imputation (hot .deck) 2 .Cold deck imputation 3 .Logical imputation (derivation) 4 .Statistical or logical .imputation using previous wave .data
This val Its val waves. V 0 V 1 V V 2 V 3	1 1217 Ition flag for ESSICHLD Ition flag for ISS Code 3 - children Ition flag for ISSICHLD Ition flag for Indiana Ition flag for Ition flag for Ition Itinout flag for Ition flag for Ition flag for Ition Itinout flag for Ition flag f	compensat For wh receiv refere variab is sub U All perso income or reference benefits. V V	n for receipt of workers' ion at reason or reasons did e workers' compensation during the nce period? ISS Code 10 This le repeats once per wave. Its value ject to change between waves. ns 15 to 69 who receive disability persons 15+ at the end of the period who receive survivor  1 .Not in universe 1 .Disability 3 .Suvivor
Did Supplem him/her ISS Cod per wav between U All person reference V -1	2 1218 of SSI for self (ISS Code 3) receive any income from mental Security Income (SSI) for self during the reference period? le 3 This variable repeats once re. Its value is subject to change waves. us aged 15+ at the end of the period. EPOPSTAT=1 . Not in universe . Yes	D AWCMPRSN T GI: Alloca Alloca Code 1 compen once p change V	5 . Disability and Suvivor 8 . No payment  1 1226 ation flag for RWCMPRSN tion flag for reason receiving ISS 0. Reason for receipt of workers' sation. This variable repeats er wave. Its value is subject to between waves. 0 . Not imputed 1 . Statistical imputation (hot . deck)

DATA	SIZE	BEGI N	DATA	SIZE	BEGI N
V	3 . Log 4 . Sta	d deck imputation fical imputation (derivation) itistical or logical outation using previous wave	U All inco refe	ome and/or poerence period ome and/or su	to 69 who receive disability ersons 15+ at the end of the divided by the control of the control
policy For wh receiv period disabi? I repeat	at reare payn l from lity i SS Codes once	payment from own insurance ason or reasons did ments during the reference a sickness, accident or nsurance policy purchased by le 13 This variable per wave. Its value is change between waves.	V V V V V V V V	1 . Di sa 2 . Reti 3 . Surv 4 . Di sa 5 . Di sa 6 . Reti 7 . Di sa . surv 8 . No p	ability rement vivor ability and retirement ability and survivor rement and survivor ability, retirement, and vivor coayment received
i ncome. V - V	1 . Not 1 . Dis	to 69 who receive disability in universe sability payment received	( f	Allocation f Illocation fl ode 30. Reas rom company	1235 Flag for RPENSRSN ag for reason receiving ISS son for receipt of pension or union. This variable per wave. Its value is
Alloca Code 1 i nsura repeat subj ec V	tion f 3. Rea ince po s once t to o 0 . Not	flag for RINSRSN flag for reason receiving ISS uson for payment from own elicy. This variable e per wave. Its value is change between waves. e imputed etistical imputation (hot	V V V V V V V	0 . Not 1 . Stat . decl 2 . Col o 3 . Logi 4 . Stat	deck imputation cal imputation (derivation) cistical or logical utation using previous wave
V V V V V	. dec 2 . Col 3 . Log 4 . Sta . imp . dat	ck) d deck imputation gical imputation (derivation) gitistical or logical gutation using previous wave a	pens F r	Reason for n sion for what reas receive a Fed	1236 receipt of federal civilian son or reasons did leral Civil Service or other ian employee pension during e period? (ISS Code 31)
disabilit For wh receiv paymen Code 1 per wa betwee	on for y payn lat rea le empl lats dur 4 Thi live. It	oyer provided disability oyer provided disability ring the reference period? ISS s variable repeats once s value is subject to change es.	U All inco refe inco V V	his variable alue is subj persons 15 t me and/or perence perior ome and/or su -1 . Not 1 . Disa	erepeats once per wave. Its ect to change between waves. co 69 who receive disability ersons 15+ at the end of the l who receive retirement irvivor benefits. in universe ability
i ncome. V - V	1 . Not 1 . Dis	to 69 who receive disability in universe sability payment	V V V V	5 . Di sa 6 . Reti	vivor Ability and retirement Ability and survivor rement and survivor
Code 1 di sabi	ation tion f 4. Rea lity p	1232 flag for REMPDRSN lag for reason receiving ISS uson for receipt of employer usyments. This variable	V V V D AFCS T GI:	. surv 8 . No p GRSN 1	ability, retirement, and vivor bayment received  1238 Flag for RFCSRSN ag for reason receiving ISS
V V V V	0 . Not 1 . Sta . dec 2 . Col 3 . Log 4 . Sta	d deck imputation gical imputation (derivation) distical or logical outation using previous wave	e	ode 31. Reasemployee pensuepeats once ubject to character of . Not 1 . Stat . decl 2 . Col 3 . Logi	son for receipt of Federal sion. This variable per wave. Its value is name between waves. imputed istical imputation (hot s) i deck imputation (derivation)
For wh recei v duri ng	at rea e a pe the r	1233 pension from company or union ison or reasons did ension for a company or union reference period? ISS Code 30 e repeats once per wave. s subject to change between	V V D RSTA T GI: pens	impo data TRSN 2 Reason for n	istical or logical utation using previous wave 1239 receipt of state government son or reasons did

the reference period? (ISS Code 34)  This variable repeats once per wave. Its value is subject to change between waves.  U All persons 15 to 69 who receive disability income and/or persons 15+ at the end of the reference period who receive retirement its income and/or survivor benefits.	what reason or reasons did eive U. S. Military retirement pay ring the reference period? ISS Code 32 s variable repeats once per wave. s value is subject to change between
V 1. Disability income V 2. Retirement V 3. Survivor V 4. Disability and retirement V 5. Disability and survivor V 6. Retirement and survivor V 7. Disability, retirement, and V . survivor V 8. No payment received V 8. No payment received V 7. Disability, retirement, and V . Survivor V 8. No payment received V 1. Statistical imputation (hot war is V 0. Not imputed V 1. Statistical imputation V 2. Cold deck imputation V 3. Logical imputation (derivation) V 4. Statistical or logical V 1. data V 1. Statistical or logical V 1. data V 1. Statistical imputation wave V 1. Statistical or logical V 1. Statistical or logical V 2. data V 3. Logical imputation wave V 3. Logical imputation wave V 4. Statistical or logical V 3. Logical imputation wave V 4. Statistical or logical V 4. Statistical or logical V 5. Logical imputation wave V 7. V	e and/or survivor benefits.  -1. Not in universe 1. Disability 2. Retirement 3. Survivor 4. Disability and retirement 5. Disability and survivor 6. Retirement and survivor 7. Disability, retirement, and . survivor 8. No payment received SN 1 1247 location flag for RMLRSN ocation flag for reason receiving ISS le 32. Reason for receipt of U. S. itary retirement pay. This riable repeats once per wave. Its value subject to change between waves. 0. Not imputed 1. Statistical imputation (hot . deck) 2. Cold deck imputation 3. Logical imputation (derivation)
T GI: Reason for receipt of local government V pension For what reason or reasons did	4 . Statistical or logical . imputation using previous wave . data
This variable repeats once per wave. Its value is subject to change between waves.  U All persons 15 to 69 who receive disability income and/or persons 15+ at the end of the reference period who receive retirement income and/or survivor benefits.  U All persons 15+ at the end of the reference period who receive retirement income and/or survivor benefits.  U All persons 1 Disability income variations in come variations variati	2 1248 eason for receipt of Railroad ement pay r what reason or reasons did reive Railroad Retirement pay during r reference period? ISS Code 2 This riable repeats once per wave. Its value subject to change between waves. resons 15 to 69 who receive disability and/or persons 15+ at the end of the ence period who receive retirement and/or survivor benefits1 . Not in universe 1 . Disability 2 . Retirement 3 . Survivor 4 . Disability and retirement 5 . Disability and survivor 6 . Retirement and survivor 7 . Disability, retirement, and
T GI: Allocation flag for RLGOVRSN  Allocation flag for reason receiving ISS Code 35. Reason for receipt of local government pension. This variable repeats once per wave. Its value is subject to change between waves.  V 0.Not imputed V 1.Statistical imputation (hot Rai	7 .Disability, retirement, and .survivor 8 .No payment received

DATA	SIZE	BEGI N	DATA	. SI	I ZE	BEGI N
V V	. i mp . dat	utation using previous wave a	T GI			1257 ayments from paid-up life
For where received reference variable is sub U All person	n for at rea e blac nce pe le rep ject t ns 15	1251 receipt of black lung payment son or reasons did k lung payments during the riod? ISS Code 9 This eats once per wave. Its value o change between waves. to 69 who receive disability ersons 15+ who receive	U Pe	For what receive p insurance reference variable is subjec rsons 15+ d/or survi	payme e pol e per repe et to who yor	on or reasons did ents from a paid-up life icy or annuities during the riod? ISS Code 36 This eats once per wave. Its value o change between waves. receive retirement income benefits. in universe
Survi vors V V V V	benef 1 . Not 1 . Dis 3 . Sur 5 . Dis	its. in universe ability vivor ability and survivor	V V V V	2 . 3 . 6 . 8 .	Reti Suvi Reti No p	rement vor rement and survivor payment received
D ABLKLRSN T GI: Alloca Alloca Code 9	1 ation tion f . Reas ts. T	payment received  1253 flag for RBLKLRSN lag for reason receiving ISS on for receipt of black lung his variable repeats once s value is subject to change	T GI	variable is subjec	on fon fl Inco Inco Pol repe	l259 lag for RLIFIRSN ag for reason receiving ISS one from paid-up life icies or annuities. This eats once per wave. Its value o change between waves. imputed
V V V V V	n wave 0 . Not 1 . Sta . dec 2 . Col 3 . Log	s. imputed tistical imputation (hot k) d deck imputation ical imputation (derivation) tistical or logical	V V V V V V	1 . 2 . 3 . 4 .	Stat deck Col d Logi Stat	istical imputation (hot ) 
V D ROTHRRSN	. i mp . dat 2	utation using previous wave a	T GI	: Reason f nsi ons	for r	1260 receipt of Veterans' comp. or
i ncome For wh recei v survi v peri od repeat	at rea e othe or pay ? ISS s once	son or reasons did r retirement, disability or ments during the reference Code 38. This variable per wave. Its value is hange between waves.	U Pe V	compensat reference variable is subjec rsons 15+ -1.	cion e per repe et to who	son did receive veterans' of pensions during the riod? ISS Code 8 This stats once per wave. Its value of change between waves. receive survivor benefits in universe
U All person income and reference income and	ns 15 d/or p perio d/or s	to 69 who receive disability ersons 15+ at the end of the d who receive retirement urvivor benefits. who receive	V D AV	8 . ETSRSN : Allocati	No p	oayment received 1262 Tag for RVETSRSN
V V V	1 . Not 1 . Dis 2 . Ret 3 . Suv	in universe ability irement ivor	V	Code 8. V pensions. per wave. between w	eter/ Th Its vaves	
V V V V	5 . Dis 6 . Ret 7 . Dis . sur 8 . No	ability and retirement ability and survivor irement and survivor ability, retirement, and vivor payment received	V V V V V	1 . 2 . 3 . 4 .	Stat deck Cold Logi Stat impu	deck imputation cal imputation (derivation) istical or logical station using previous wave
reti re paymen	ation tion f 8. Rea ment, ts. T	1256 flag for ROTHRRSN lag for reason receiving ISS son for receiving other disability, survivor his variable repeats once s value is subject to change	T GI	STARSN : Reason f d trusts For what	for r reas	1263 receiving income from estates son did receive income and trusts during the
V V V V V	n wave 0 . Not 1 . Sta . dec 2 . Col 3 . Log	s. imputed tistical imputation (hot k) d deck imputation ical imputation	V V	reference variable is subjec rsons 15+ -1 . 3 .	e per repe et to who Not Suvi	riod? ISS Code 37 This cats once per wave. Its value o change between waves. receive survivor benefits. in universe vor
V V		tistical or logical utation using previous wave a	V D AE		_	oayment received 1265

DATA	SIZE BEGIN	DATA	SIZE BEGIN
Alloca income trusts per was between V V V V V V V V V V V V V V V V V V	cation flag for RESTARSN ation flag for reason receiving e from ISS Code 37. Estates and s. This variable repeats once ave. Its value is subject to change en waves.  0 .Not imputed  1 .Statistical imputation (hot .deck)  2 .Cold deck imputation  3 .Logical imputation (derivation)  4 .Statistical or logical .imputation using previous wave .data  2 . 1266	Code 28) Did suppor other ISS Coonce p change U Persons a who are p under the Married S Present, V	pt of child support payments (ISSreceive any kind of financial rt payments from the children's parent during the reference period? ode 28 This variable repeats per wave. Its value is subject to between waves. age 15 years and older (EPOPSTAT=1) parents or guardians of children age of 21 and who are: 1. Not Expouse Present 2. Married Spouse but the spouse is a step parent. 1 . Not in universe 1 . Yes 2 . No
(ISS Code Did paymer Code : per was betwee U All persor foster close V V	receive foster child care nts during the reference period? ISS 23 This variable repeats once ave. Its value is subject to change en waves. ons aged 15+ at the end of the e period who are responsible for hildren. EPOPSTAT = 1 -1 . Not in universe 1 . Yes 2 . No	suppor repeat subjec V V V V	1 1274 cation flag for ECSYN ation flag for ISS Code 28 Child rt payments This variable ts once per wave. Its value is et to change between waves. 0 .Not imputed 1 .Statistical imputation (hot .deck) 2 .Cold deck imputation 3 .Logical imputation (derivation) 4 .Statistical or logical .imputation using previous wave
D AFCCYN T GI: Alloc Alloc child repear subject V V V V V V V V V V	1 1268 cation flag for EFCCYN ation flag for ISS Code 23 Foster care payments This variable ts once per wave. Its value is ct to change between waves. 0 .Not imputed 1 .Statistical imputation (hot .deck) 2 .Cold deck imputation 3 .Logical imputation (derivation) 4 .Statistical or logical .imputation using previous wave .data	D EALIYN T GI: Recei 29) Did during This v Its va waves. U All perso reference or separa widowed b	data  2 1275 pt of alimony payments (ISS Code  receive any alimony payments g the reference period? ISS Code 29 variable repeats once per wave. alue is subject to change between ons aged 15+ at the end of the e period who are currently divorced ated or who are currently married or out have been divorced. EPOPSTAT = 1 = 4 or 5 or (EMS = 1-3 and UEVRDIV
Have sorder child once j chang U Persons s peri od w children	2 1269 ement for support payments support payments ever been court ed or informally agreed to for's /children? This variable repeats per wave. Its value is subject to e between waves. age 15+ at the end of the reference ho are parents or guardians of under the age of 21. EPOPSTAT = 1 -1 .Not in universe 1 .Yes 2 .No	U T GI: Alloca paymer per wa	1 . Not in universe 1 . Yes 2 . No 1    1277 cation flag for EALIYN ation flag for ISS Code 29 Alimony atts This variable repeats once ave. Its value is subject to change an waves. 0 . Not imputed 1 . Statistical imputation (hot . deck)
Alloca paymen per was between V V V V V V V V V V V V V V V V V V	1 1271 cation flag for ECSAGREE ation flag for ageement for support nts. This variable repeats once ave. Its value is subject to change en waves.  0 .Not imputed 1 .Statistical imputation (hot .deck) 2 .Cold deck imputation 3 .Logical imputation (derivation) 4 .Statistical or logical .imputation using previous wave .data 2 1272	V V V V V D EFSYN T GI: Recei Did stamps Code 2 per wa betwee U All perso aged 15 t	2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data  2 1278 .pt of food stamps (ISS Code 27) . get authorization to receive food s during the reference period? ISS 27 This variable repeats once ave. Its value is subject to change en waves. ons aged 18 and over and persons to 17 who are parents or guardians
D ECSYN	ω 1ω/ω	of childr	. CII.

DATA	SIZE	BEGI N	DATA	SIZE BEGIN
V V	1 . Yes 2 . No		V V V V	3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data
T GI: Allo Alloc stamp wave. betwe V V V V V V	Its va en wave 0 Not 1 Sta dec 2 Col 3 Log 4 Sta im dat	flag for EFSYN flag for ISS Code 27 Food so variable repeats once per alue is subject to change es. imputed atistical imputation (hot ck) d deck imputation gical imputation (derivation) atistical or logical outation using previous wave	T GI: Recei assistance Did public period This v value U All perso reference V V	receive any AFDC, welfare or assistance during the reference P. ISS Codes 19, 20, 21 or 24 variable repeats once per wave. Its is subject to change between waves. Its aged 15+ at the end of the period EPOPSTAT = 1 1. Not in universe 1. Yes 2. No
bonus/pa Did. bonus the r This value U All pers referenc and EPAT V V	ipt of ssthru rece or pas eference variabl is sub ons age e perice YP1 = 1 -1 . Not 1 . Yes 2 . No	child support as AFDC eive ANY child support as a es through from AFDC during ce period? ISS Code 26 e repeats once per wave. Its ed 15+ at the end of the ed receiving AFDC EPOPSTAT = 1 et in universe	Alloca welfar variab is sub V V V V V V V	ation flag for EPATYN tion flag for receipt of AFDC, ee or public assistance. This le repeats once per wave. Its value ject to change between waves.  0. Not imputed  1. Statistical imputation (hot deck)  2. Cold deck imputation  3. Logical imputation (derivation)  4. Statistical or logical imputation using previous wave data
D APSSTHRU T GI: Allo Alloc throu varia is su V V V V V V V V V V	bject t 0 . Not 1 . Sta . dec 2 . Col 3 . Log 4 . Sta	d deck imputation gical imputation (derivation) atistical or logical outation using previous wave	Jepend peri od repeat subjec U All perso referrenc wel fare. V V	2 1290 pt of AFDC (ISS Code 20) . receive Aid to Families with lent Children during the reference !? ISS Code 20 This variable s once per wave. Its value is et to change between waves. ons aged 15+ at the end of the ee period who reported receipt of EPOPSTAT = 1 and EPATYN = 1 1 . Not in universe 2 . No
Did. Women progr Code per w	pi ency rece , Infar am duri 25 Thi	of WC (ISS Code 25) eive any income from WC, the ets, and Children nutrition eng the reference period? ISS es variable repeats once es value is subject to change	T GI: Alloca Alloca Famili This v Its va waves. V	1 1292 cation flag for EPATYP1 ction flag for ISS Code 20 Aid to es with Dependent Children (AFDC) cariable repeats once per wave. clue is subject to change between  0 .Not imputed 1 .Statistical imputation (hot
U Women ag parents EPOPSTAT and chil	ed 15 t or guai = 1 ar dren ur	to 45 and women who are redians of children under 5 and TAGE = 15-45 and the control of the cont	V V V	. deck) 2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data
D AWICYN T GI: Alloc (Wome Progr per w betwe	1 cation ation f n, Infa am) Th ave. It en wave	flag for EWICYN Flag for ISS Code 25 WIC Ants and Children Nutrition his variable repeats once ts value is subject to change hes.	21) Di d genera peri od repeat subj ec	2 1293 pt of general assistance (ISS Code  . receive general assistance or l relief during the reference ?? ISS Code 21 This variable s once per wave. Its value is t to change between waves.
V V V	0 . Not 1 . Sta . dec	t imputed htistical imputation (hot	U All perso referrenc welfare.	ons aged 15+ at the end of the re period who reported receipt of EPOPSTAT = 1 and EPATYN = 1 1 .Not in universe

DATA	SIZE BEGIN		DATA	SIZE BEGIN
V V	1 . Yes 2 . No		V V	.imputation using previous wave .data
T GI: Allo Alloc assis	tance or general ble repeats onco ject to change 0 .Not imputed 1 .Statistical deck) 2 .Cold deck in 3 .Logical imputed 4 .Statistical	ISS Code 21 General I relief This e per wave. Its value between waves. imputation (hot mputation utation (derivation)	Did. Assist school period per wa betwee U All perso reference wel fare. V V	pt of Child Care Assistance receive Child Care Services or cance so you could go to work or or training during the reference !? This variable repeats once twe. Its value is subject to change on waves. us aged 15+ at the end of the period who reported receipt of EPOPSTAT = 1 and EPATYN = 1 1 . Not in universe 1 . Yes 2 . No
19) Di d . hel p Code	pt of energy as receive energuluring the refe 19 This variab	ssistance (ISS Code gy assistance program rence period? ISS le repeats once	T GI: Alloc Alloca This v Its va waves.	
U All pers referren welfare.	en waves. ons aged 15+ at		V V	0 . Not imputed 1 . Statistical imputation (hot . deck) 2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data
T GI: Allo Alloc assis	tance program to once per wave to change be 0 .Not imputed 1 .Statistical     .deck) 2 .Cold deck in 3 .Logical imputed 4 .Statistical	ISS Code 19 Energy This variable e. Its value is tween waves. imputation (hot mputation utation)	Did. assist needed or for period repeat subject U All perso reference welfare. V	2 1305 pt of Short-Term Cash (ISS Code 24) receive any short-term cash cance to tide over when ! it to help stay off welfare; an emergency during the reference !? ISS Code 24 This variable .s once per wave. Its value is et to change between wavessus aged 15+ at the end of the eperiod who reported receipt of EPOPSTAT = 1 and EPATYN = 1 1 .Not in universe 1 .Yes 2 .No
Code 24) Did. durin This Its v waves	receive other pul- receive other the reference variable repeatable is subject	blic assistance (ISS r public assistance period? ISS Code 24 s once per wave. to change between	D APATYP6 T GI: Alloca Alloca Short- once p change	1 1307 cation flag for EPATYP6 cition flag for ISS Code 24 Term Cash This variable repeats wer wave. Its value is subject to be between waves. 0 .Not imputed
referren wel fare.	ons aged 15+ at ce period who re EPOPSTAT = 1 at ·1 . Not in unive 1 . Yes 2 . No	the end of the eported receipt of nd EPATYN = 1 erse	V V V	<ol> <li>Statistical imputation (hot . deck)</li> <li>Cold deck imputation</li> <li>Logical imputation (derivation)</li> <li>Statistical or logical . imputation using previous wave . data</li> </ol>
Alloc publi	c assistañce T ts once per wave ct to change be 0 .Not imputed 1 .Statistical .deck)	ISS Code 24 Other his variable e. Its value is tween waves. imputation (hot mputation utation)	D EPATYP7 T GI: Recei (ISS Code Did the go period repeat subjec	2 1308 pt of Other Government Assistance

DAT	A SIZE	BEGIN	DATA	SIZE	BEGI N	
V V V	1 . Yes 2 . No		s o	ervice, or j ffice This	lag for the t job-training variable rep lue is subjec	ype of Community for Welfare eats once per t to change
D A	Allocation f Government A	1310 flag for EPATYP7 lag for ISS Code 24 Other ssistance This variable per wave. Its value is		etween waves 0 . Not 1 . Stat . deck	s. imputed tistical impu	tation (hot
V V	subject to c 0 . Not 1 . Sta	hange between waves. imputed tistical imputation (hot	V D EASE	3 . Logi TDRW 2	ical imputati 1317	on (derivation)
V V V V	3 . Log 4 . Sta	к) d deck imputation ical imputation (derivation) tistical or logical utation using previous wave	KEOG D r	H (ISS 42) id recei egular disti	ribution fron	sum payments or their IRA,
V D E	. dat COMSERV 2	a	v	ariable rene	eats once ner	ring the 4-month e 42 This wave. Its value waves. ith IRA, 401k,
	ob-training At any time	ervice, work-related or since (1st Month) did the ocial services office have .	or K ei th	eugh account	is listed as jointly. EPO	rith IRA, 401k, assets held PSTAT = 1 and
	do any c unpaid job, or job-train	ommunity service, work in an or do any other work-related ing activities? This	V V V	- 1 . Not	in universe p Sum ular distribu h	ti on
U A	is subject t II nersons age	eats once per wave. Its value o change between waves. d 15+ at the end of the d who reported receipt of	V V D AASE	4.No TDRW 1	1319	
1 1 ( D	9,20,21,24,25 ), or lived in EGVTRNT, or EP ata for ECOMSE	d who reported receipt of AT = 1 and EGICODE or 27 = 1 or EPATYP4, 5 or 6 = some form of public housing UBHSE or EWRSECT8 = 1) NOTE: RV was collected in Waves	T GI:	Allocation f llocation fl f income fro	flag for EASE lag for ISS C om IRA, 401k	ode 42 Receipt
V V V	- 12 only	in universe	V V V	0 . Not 1 . Stat	ımputed tistical impu	
D A	COMSERV 1 I: Allocation	flag for ECOMSERV	V V V V	4.Stat .impi	tistical or l utation using	on (derivation) ogical previous wave
	work-related variable rep is subject t	lag for Community service, or job-training This eats once per wave. Its value o change between waves.	D ERES	First reasor	a 1320 n for receipt	of Social
V V V	1 . Sta . dec 2 . Col	imputed tistical imputation (hot k) d deck imputation	f (	irst reason rom the Soci SSA) for hir	ial Security m/her self.	i ved payments Admi ni strati on Thi sʻvari abl e
	3.Log COMTYPE 2	ical imputation (derivation)  1314	r s U All	epeats once ubject to cl persons aged	per wave. It hange between d 15+ at end	s value is waves. of the reference
TG	ffice job-trai Did do	mmunity service, Welfare ning community service, work in b, or do some other kind of	hi m/ V V	od wno recei herself. EP( -1 . Not 1 . Reti	ived Social S DPSTAT =1 and in universe ired	ESSYN = 1
TT A	job-training repeats once subject to c	activity? This variable per wave. Its value is hange between waves. d 15+ at the end of the	V V V	2 . Di sa 3 . Wi do 4 . Spot	abled owed or survi use or depend e other reaso	ent child
r	eferrence peri elfare and did	of who reported receipt of some type of community training for a welfare T = 1 and ECOMSERV = 1 NOTE:	D ARES T GI:	NSS1 1 Allocation f llocation fl	1322 flag for ERES lag for reaso	NSS1 n receiving
V g	ata for ECOMIY -12 only -1 .Not	PE was collected in Waves in universe	S r s	ocial Securi epeats once ubject to cl	ity. This va per wave. It hange between	riable s value is
V V V	.job 2.Som	munity service or an unpaid e other kind of job-training ivity	V V V V	1 . Stat . deck 2 . Colo	d deck imputa	ti on
D A	COMГYPE 1 I: Allocation	1316 flag for ECOMFYPE	V V V	3 . Logi 4 . Stat	ical imputati tistical or l	on (derivation)

D/	ATA SIZ	ZE B	EGI N		DA	ATA	SIZE	BEGIN
V		data	200		V	1	. Yes	in universe
T T	Security Second rea	eason ason v	for receipt of S why received Security Admini her self. This v er wave. Its valu nge between waves	navments	V D T	AJNTSSYN GI: Alloca Allocat spousal This va	ntion f ion fl Soica nriable	1331 lag for EJNTSSYN ag for receipt of joint al Security payments. repeats once per wave. Its ect to change between waves.
U V	period who re him/herself.	ecei vo EPOPS	15+ at end of the ed Social Securit STAT =1 and ESSYN n universe	v for	V V V V	0	) . Not . Stat	imputed istical imputation (hot
V V	0 . F . r 1 . R	Perso reaso Retir	ns providing only n ed		V	3	. Stat . i <sub>.</sub> mpu	deck imputation cal imputation (derivation) istical or logical tation using previous wave
V V V V	4 . S	spous	led ed or surviving c e or dependent ch other reason	110	T	ER01A GI: Recei p	data2 ot of S	1332 Social Security - Adult (ISS
D T	GI: Allocation	n flas	ag for ERESNSS2 g for reason rece	i vi ng		month?	ISS Co	ve income from Social himself/herself in this de 1 This is a monthly
V	repeats on subject to 0 . N	nce po Chai Not in	y. This variable er wave. Its valu nge between waves mputed	e is	U	between All person reference	n month is aged period	l 15+ at the end of the l indicating receipt of
V V V V V	1 . S . d 2 . C 3 . I	Stati: deck)	stical imputation deck imputation al imputation (de	(hot		Social Sec reference - 1 1	curi ty peri od . Not . Yes	income sometime during the
V V V		ocaci	stical or logical ation using previ	ous wave	V D	ARO1A	2 . No 1	1334 lag for ER01A
	hegan		326 curity Disability	payments	1	Allocat Social monthly	ion fl Securi varia	ag for ISS Code 1 - adults ty for self This is a ble. Its value is subject to
	Age be of his/her repeats on subject to	egan r di sa nce po o cha	receiving payment ability? This va er wave. Its valunge between waves 15+ at the end of EPOPSTAT = 1 All	s because riable e is	V V V	0	) . Not   . Stat   deck	en months. imputed istical imputation (hot
			15+ at the end of EPOPSTAT = 1 All f the reference p ecurity for him/h SSYN = 1		V V V	2 3 4	? . Cold B . Logi I . Stat	deck imputation cal imputation (derivation) cistical or logical atation using previous wave
V V	- 1 . N	Not i	n uni verse			ERO1K	. data 2	1335 Social Security - Child (ISS
D T	AAGESS 1 GI: Allocation Allocation	on fla	328 ag for TAGESS g for age Social ments began. Thi	Securi ty		Code 1) Di d Securi t	recei	ve any separate Social ments for's children in SS Code 1 This is a
V V	variable r is subject 0 .N	repeat t to o Not i	ts once per wave. change between wa mputed stical imputation	Its value ves.	U	monthly change All person	varia betwee Is aged	able. Its value is subject to months.  I 15+ at the end of the l, who are parents or
V V V	. d 2 . 0	deck) Cold	deck imputation al imputation (de			guardians receipt of during the	of chi Socia refer	ldren and who indicate al Security income sometime cence period. 
D T	GI: Receipt of payments with	of join	329 int Social Securi use		V	1 2	. Yes 2 . No	in universe
	with's period? T per wave. between wa	s spou This v Its v aves.	e Social Security use during the revariable repeats value is subject	ference once to change	D T	Allocat Social a month	ition f ion fl Securi ily var	1337 lag for ERO1K ag for ISS Code 1 - children ty for children This is riable. Its value is subject
U	All persons a period who ar EPOPSTAT = 1	re mai	15+ at end of ref rried spouse pres EMS = 1	erence ent.	V V	U	) . Not	ween months. imputed istical imputation (hot

DATA	SIZE	BEGI N	D	ATA	SIZE	BEGI N
V V V V V	3 . Log 4 . Sta	d deck imputation gical imputation (derivation) atistical or logical outation using previous wave	V	reference guardians receipt of during the	period of chi Feden refen Not	l 15+ at the end of the l who are parents or ldren and who indicate al SSI payments sometime rence period.  in universe
	2 ipt of	1338 Railroad Retirement (ISS Code	V V	2	l . Yes 2 . No	1246
Retir This subje U All pers period i Retireme period. < V	ement i is a m ct to c ons 15- ndicati nt som BR>	eive income from Railroad in this month? ISS Code 2 onthly variable. Its value is change between months. It at the end of the reference ing receipt of Railroad etime during the reference	V V V V V V V	Federal (SSI) f vari abl between (	ation f tion fl Suppl for chi le. Its month O. Not I. Stat	imputed istical imputation (hot
D ARO2	1	1340	V V V	4	ı . stai	cistical or logical itation using previous wave
T GI: Allo Alloc Gover This	ot to o 0 . Not 1 . Sta . dec 2 . Col 3 . Log 4 . Sta	d deck imputation gical imputation (derivation) atistical or logical outation using previous wave	T	ER04 GI: Receip Did this may variable between All person period incadminister reference	data  2  recei  nth? I  te. Its  month  s 15+ li catir  red SSI  period  1. Not  1. Yes	1347 State SSI (ISS Code 4) ve income from State SSI in SS = 4 This is a monthly s value is subject to change
D ERO3A T GI: Rece 3)		1341 Federal SSI - Adult (ISS Code	V D	ARO4	2 . No 1	1349
Did . Suppl this month chang U All pers period i sometime V	emental month? ly vari e betwo ons 15-	eive income from Federal Security Income (SSI) in ISS Code 3 This is a able. Its value is subject to een months. Lat the end of the reference ng receipt of Federal SSI g the reference period. In universe	T V V V V V V	GI: Allocat Allocat Suppler adminis variabl between	ation f tion fl mental stered e. Its month O. Not I. Stat deck C. Cologi	Clag for ERO4 ag for ISS Code 4 State Security Income (State SSI) This is a monthly s value is subject to change is. imputed cistical imputation (hot
(221)	cation ation f al Supp for ac	1343 flag for ERO3A flag for ISS Code 3 - adult lemental Security Income fults This is a monthly ts value is subject to change	V V D T	ER05 GI: Recei p Code 5)	. 1 mpi . data 2 ot of S	1350 State Unemployment Comp. (ISS
betwe V V V V V V V V D ERO3K T GI: Rece	en mont 0 . Not 1 . Sta . dec 2 . Col 3 . Log 4 . Sta . i m . dat 2 i pt of	chs. imputed tistical imputation (hot ck) d deck imputation gical imputation (derivation) atistical or logical outation using previous wave ta  1344 Federal SSI - Child (ISS Code	V V V	unempled ISS Code variable between All person period indunemployment the reference of the content of the conten	oyment le 5 7 le. Its n month ns 15+ licatin ent con ence pe	at the end of the reference ng receipt of State mpensation sometime during
month yari a	? ISS (	eive any separate Federal SSI c's children in this Code 3 This is a monthly cs value is subject to change chs.		Al l ocat	ation f tion fl	1352 Tag for ER05 ag for ISS Code 5 State compensation This is a able. Its value is subject to

DATA	SIZE BEGIN	DATA	SIZE BEGIN
change V V V V V V V V V D ER07 T GI: Recei Code 7)     Did     unempl     ISS Co     vari ab     betwee U All perso     period in     unempl oyn     the refer V V D AR07 T GI: Alloca     unempl Adj ust     other)     Its ya	e between months.  0 . Not imputed  1 . Statistical imputation (hot . deck)  2 . Cold deck imputation  3 . Logical imputation (derivation)  4 . Statistical or logical . imputation using previous wave . data  2 . 1353  apt of Other Unemployment Comp. (ISS . receive income from other loyment compensation in this month. ode 7 This is a monthly ole. Its value is subject to change en months. ons 15+ at the end of the reference nent compensation sometime during rence period.  1 . Not in universe  1 . Yes  2 . No  1 . 1355  cation flag for ISS Code 7 Other lolyment compensation (Trade then Act benefits, strike pay, This is a monthly variable. alue is subject to change between	T GI: Recei 9) Did paymen This i subject U All perso period ir payments period. <i 10)="" alloca="" ar09="" code="" d="" did<="" er10="" gi:="" its="" months="" o="" paymen="" recei="" t="" td="" v="" va=""><td>receive income from black lung its in this month? ISS Code 9 its a monthly variable. Its value is ct to change between months. Its value is ct to change between months. Its value is ct to change between months. Its value is considered in the reference of the re</td></i>	receive income from black lung its in this month? ISS Code 9 its a monthly variable. Its value is ct to change between months. Its value is ct to change between months. Its value is ct to change between months. Its value is considered in the reference of the re
wonths V V V V V V V V V V D ER08 T GI: Recei Code 8) Did compen ISS Co vari ab betwee U All perso period in compensat period. <e td="" v="" v<=""><td>0 . Not imputed 1 . Statistical imputation (hot . deck) 2 . Cold deck imputation (derivation) 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data 2 . 1356 4 pt of Veterans' Compensation (ISS . receive income from Veterans' nsation or pensions in this month? ode 8 This is a monthly ole. Its value is subject to change en months.  Ons 15+ at the end of the reference ndicating receipt of Veterans' cion sometime during the reference BR&gt; 1 . Not in universe 1 . Yes</td><td>comper This i is sul U All perso period ir compensai period. <i alloca="" ar10="" comper="" d="" gi:="" t="" td="" u="" v="" yarial<=""><td>is a monthly variable. Its value object to change between months. Its value object to change between months. Its value object to change between months. Its value of the reference of the referen</td></i></td></e>	0 . Not imputed 1 . Statistical imputation (hot . deck) 2 . Cold deck imputation (derivation) 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data 2 . 1356 4 pt of Veterans' Compensation (ISS . receive income from Veterans' nsation or pensions in this month? ode 8 This is a monthly ole. Its value is subject to change en months.  Ons 15+ at the end of the reference ndicating receipt of Veterans' cion sometime during the reference BR> 1 . Not in universe 1 . Yes	comper This i is sul U All perso period ir compensai period. <i alloca="" ar10="" comper="" d="" gi:="" t="" td="" u="" v="" yarial<=""><td>is a monthly variable. Its value object to change between months. Its value object to change between months. Its value object to change between months. Its value of the reference of the referen</td></i>	is a monthly variable. Its value object to change between months. Its value object to change between months. Its value object to change between months. Its value of the reference of the referen
D ARO8 T GI: Alloc Alloca compen monthl change	2 . No  1 1358 cation flag for ER08 ation flag for ISS Code 8 Veterans' nsation or pension This is a y variable. Its value is subject to e between months. 0 . Not imputed 1 . Statistical imputation (hot . deck) 2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data 2 1359	D ER12 T GI: Recei Benefits Did union monthi varial betwee U All perso period in employer sometime	2 1365 apt of Employer/Union Temp. Sickness . receive income from employer or temporary sickness benefits in this? ISS Code 12 This is a monthly ole. Its value is subject to change en months. Ons 15+ at the end of the reference adicating receipt of income from from funion temporary sickness benefits during the reference period. 1 Not in universe 1 Yes 2 No

D/	ATA :	SIZE	BEGI N	DA	TA	SIZ	E	BEGI N
D T V V V V V V V V V	Allocation union benefits Its valumonths.	i on fl n temps Thi ue is . Not . Stat . Colo . Logi . Stat	flag for ER12 lag for ISS Code 12 Employer porary sickness or disability is is a monthly variable. subject to change between imputed listical imputation (hot color in the col	U A	ER15 GI: Receip Did in this monthly change All persor period ind sometime o	in . da . d	f Seiving ting	istical or logical tation using previous wave  1374 everance Pay (ISS Code 15) we income from severance pay? ISS Code 15 This is a ole. Its value is subject to months. at the end of the reference greceipt of severance pay the reference period. in universe
Т	insurance plid a sicknown insurance in is a more	t of o paymer recei ess, a ce pol this nthly	ive income from payments from accident or disability licy purchased in's own month? ISS Code 13 This variable. Its value is	T (	AR15 GI: Alloca Allocat pay Th value i months.	1 ation aion ais i s su	n fla fla is a ubje	1376 Lag for ER15 Lag for ISS Code 15 Severance a monthly variable. Its ect to change between
	period indipayments so period. <br: -1="" 1<="" td=""><td>icatir ometir &gt;</td><td>nange between months. at the end of the reference ng receipt of own insurance me during the reference in universe</td><td>V V V V V</td><td>2</td><td>. de 2 . Ce 3 . Le 1 . St 1 . i</td><td>eck) ol d ogi o tati</td><td>stical imputation (hot deck imputation cal imputation (derivation) istical or logical tation using previous wave</td></br:>	icatir ometir >	nange between months. at the end of the reference ng receipt of own insurance me during the reference in universe	V V V V V	2	. de 2 . Ce 3 . Le 1 . St 1 . i	eck) ol d ogi o tati	stical imputation (hot deck imputation cal imputation (derivation) istical or logical tation using previous wave
D	AR13 GI: Allocat Allocat from a sinsuran This is is subj	1 ti on fi i on fl i on fl si ckne ce pol a mor ect to . Not . Stat . deck . Col o . Logi . Stat	flag for ER13 lag for ISS Code 13 Payments lag for ISS Code 13 Payments less, accident or disabiltiy licy purchased in's name. Inthly variable. Its value of change between months. imputed listical imputation (hot listical imputation lical imputation (derivation) listical or logical utation using previous wave	U A V V V V V	Did Familie ADC) ir variabl betweer All persor period ind during the 2 AR20 GI: Alloca	ot of recession things 15 li cate references 1. No. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	f Alceivith is 1 its nthe feront in first in fir	FDC, ADC (ISS Code 20)  we income from Aid to Dependent Children (AFDC, month? This is a monthly value is subject to change s. at the end of the reference g receipt of AFDC sometime ence period. in universe  1379 lag for ER20 ag for ISS Code 20 Aid to
U	(ISS Code Did disabil: Code 14 Its val months. All person period ind disability reference	t of I 14) recei ity pa This ue is s 15+ icatir payme period	Employer Disability Payments  ive income from employer ayments in this month? ISS is a monthly variable. subject to change between at the end of the reference ag receipt of employer ents sometime during the	V V V V V V	Familie ADC) 1 value i months. (	es wi This s s . No l . St . do . Co 3 . Lo 4 . St . ii	ith is ubject eck) old ogie tati	Dependent Children (AFDC, a monthly variable. Its ect to change between imputed istical imputation (hot
V V V	- 1 1	. Not . Yes . No	in universe	Τ (	ER21 GI: Receip Relief	2 ot of	f G	1380 eneral Assistance or General
T V	Allocat di sabili vari abl between 0	tion fion fion flity pa ity pa e. Its month .Not	i mputed	U A	Did Assista month? variabl betweer All person period ind	nnce ISS e. l mon ns 15 li cat	or Coolts oths oths ting	at the end of the reference greceipt of General
V V V		. deck	tistical imputation (hot k) I deck imputation I cal imputation (derivation)	1	Assistance the refere	e or	Ger	neral Relief sometime during

D AR21  T GI: Allocation flag for ESS Code 21 General and another variable. Its value is subject to change between months.  O Not imputed to care payments in this is a monthly variable. Its value is subject to change between months.  O Statistical imputation (hot variable and v	DA	TA SIZE BEGIN	D.	ATA	SIZI	E BE	GIN
period indicating receipt of foster child care payments sometime during the reference period. V	V D T V V V V V V V V V D T	AR21 1 1382 GI: Allocation flag for ER21 Allocation flag for ISS Code 21 General assistance or General relief This is a monthly variable. Its value is subject to change between months.  O. Not imputed 1. Statistical imputation (hot deck) 2. Cold deck imputation 3. Logical imputation (derivation) 4. Statistical or logical imputation using previous wave data  ER23 2 1383 GI: Receipt of Foster Child Care Payments (ISS Code 23) Did receive income from foster child care payments in this month? ISS Code 23	D T U V V V V D T T	ER25 GI: Receiped infants (WC) infants (WC) infants subject All person period infants during the AR25 GI: Allocat (Women, Program Its val months.	2 ot of rec s and s and t to ns 15 dicate e ref l . No l . Ye l . Ye l . In nu I nu I nu I	138 WIC eive l Chil its monthl chang chang ereno fing flag flag flag ants ants is sul	(ISS Code 25) income from Women, Idren Nutrition Program onth? ISS Coded 25 ly variable. Its value is ge between months. the end of the reference receipt of WIC sometime ce period. universe  91 g for ER25 for ISS Code 25 WIC and Children Nutrition is a monthly variable. bject to change between
D AR23 T GI: Allocation flag for ER23 Allocation flag for ISS Code 23 Foster child care payments This is a monthly variable. Its value is subject to change between months.  O . Not imputed O . Statistical imputation (hot data imputation using previous wave data  D ER24 D ER24 D Id . receive income from other welfare in this month? ISS Code 24 This is a monthly variable. Its value is subject to change between months.  O Allocation flag for ER24 Allocation spread of the reference period indicating receipt of other welfare sometime during the reference period of indicating receipt of other welfare sometime during the reference period of indicating receipt of other welfare sometime during the reference period. <	V	Is subject to change between months.  All persons 15+ at the end of the reference period indicating receipt of foster child care payments sometime during the reference period. -1 . Not in universe	V V V	2 3 4	. de 2 . Co 3 . Lo 4 . St . in . da	eck) old do ogi cal aputat ita	eck imputation l imputation (derivation) tical or logical tion using previous wave
Allocation flag for ISS Code 23 Foster child care payments This is a monthly variable. Its value is subject to change between months.  V	V D T	AR23 1 1385		GI: Receip Payments	ot of	Pass	s Through Child Support
D ER24 2 1386 T GI: Receipt of Other Welfare (ISS Code 24)     Did receive income from other welfare in this month? ISS Code 24 This is a monthly variable. Its value is subject to change between months. U All persons 15+ at the end of the reference period indicating receipt of other welfare sometime during the reference period. V	V V V V V	Allocation flag for ISS Code 23 Foster child care payments This is a monthly variable. Its value is subject to change between months.  0. Not imputed 1. Statistical imputation (hotdeck) 2. Cold deck imputation 3. Logical imputation (derivation) 4. Statistical or logicalimputation using previous wave	V V	child s Code 26 Its val months. All persor period ind child supp reference	suppo Thue i is 15 li cat port peri I No I Ye	ort pais is sulfing in paymod.  ot in the control of the control o	ayments in this month? ISS s a monthly variable. bject to change between the end of the reference receipt of pass through ents sometime during the
T GI: Allocation flag for ER24 Allocation flag for ISS Code 24 Other welfare This is a monthly variable. Its value is subject to change between months.  V	D T V V V	. data  ER24 2 1386 GI: Receipt of Other Welfare (ISS Code 24) Did receive income from other welfare in this month? ISS Code 24 This is a monthly variable. Its value is subject to change between months. All persons 15+ at the end of the reference period indicating receipt of other welfare sometime during the reference period. -1 . Not in universe 1 . Yes 2 . No  AR24 1 1388	V V V V V V	GI: Allocat Allocat Pass-th monthly change	ation tion nroug y var betw O . No I . St . de 2 . Co 3 . Lo I . St . in . da	flag flag gh chi i ablo gen i et i m atisi ck) old do gicalisi putati tta	g for ER26 for ISS Code 26 ild support This is a e. Its value is subject to months. puted tical imputation (hot eck imputation I imputation (derivation) tical or logical tion using previous wave
D AR27 1 1397	T V V V V V	GI: Allocation flag for ER24 Allocation flag for ISS Code 24 Other welfare This is a monthly variable. Its value is subject to change between months.  0 . Not imputed 1 . Statistical imputation (hot . deck) 2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave	U V V V	GI: Receip Did in this monthly change All person period incometime cometime come	ot of rec s mon y var betw ns 15 di cat durin l . Ye	Food eiventh? I riable geen in he at ing the es	d Stamps (ISS Code 27) income from food stamps ISS Code 27 This is a e. Its value is subject to months. the end of the reference receipt of food stamps e reference period. universe

T GI: Receipt of pension from a company or

DATA	SIZE	BEGI N	DATA	A SIZ	Œ	BEGI N
Alloca	ation tion f	1412 flag for ER32 flag for ISS Code 32 U. S.	V D ER	36 2	ata f n	1419 aid-up life insurance
V V V V V	e betwe 0 . Not 1 . Sta . dec 2 . Col 3 . Log 4 . Sta	d deck imputation sical imputation (derivation) stistical or logical outation using previous wave	u Al	nuity Did re life insur month? ISS variable. between mon l persons 1: riod indicat id-up life metime duri	cei anc Co Its nth 5+ tins ins	ve income from a paid-up te policy or annuity in this de 36 This is a monthly value is subject to change
D ER34 T GI: Recei Code 34)	pt of	1413 State Government Pension (ISS	V V	1 . Yo 2 . No	es	in un verse
Didí govern Code 3 Its va months U All perso period in	ment p 4 Thi due is 5. ons 15+ dicati	eive income from a state dension in this month? ISS is a monthly variable. Is subject to change between the end of the reference and receipt of state	D AR T GI	: Allocation Allocation from paid- annuities	n f fl up Th	1421 lag for ER36 ag for ISS Code 36 Income life insurance policies or is is a monthly variable. subject to change between
governmen reference V V V D AR34	t pens perio 1 . Not 1 . Yes 2 . No	sion pay sometime during the od. in universe	V V V V V	0 . No 1 . S . do 2 . Co 3 . Lo 4 . S	tat eck ol d ogi tat	imputed istical imputation (hot ) deck imputation cal imputation (derivation) istical or logical itation using previous wave
T GI: Alloc Alloca govern variab betwee	eation ation f nment p le. It en mont	flag for ER34 lag for ISS Code 34 State censions This is a monthly ss value is subject to change chs.	V D ER	. da :37 2 : Receipt o: )	ata f E	1422 states or Trusts (ISS Code
V V V V V V	1 . Sta . dec 2 . Col 3 . Log 4 . Sta . i m . dat	d deck imputation fical imputation (derivation) itistical or logical outation using previous wave a	pe es re V	trusts in This is a subject to l persons 1 riod indicartates or trufference per -1. No	thi mon 5+ tin ust iod	ve income from estates or s month? ISS Code 37 the left variable. Its value is lange between months. at the end of the reference greceipt of income from s sometime during the in universe
Code 35)	•	1416 Local Government Pension (ISS	V V	1 . Yo 2 . No	0	
govern Code 3	ment p 5 Thi lue is	eive income from a local sension in this month? ISS s is a monthly variable. s subject to change between	D AR T GI	: Allocation Allocation and trusts	n f fl T	1424 Tag for ER37 ag for ISS Code 37 Estates his is a monthly value is subject to change
U All perso period in governmen the refer	ons 15+ di cati et pens ence r	at the end of the reference ng receipt of local sion income sometime during period.	V V V	between mor 0 . No 1 . S	nth ot tat eck	s. imputed istical imputation (hot )
V V D AR35	1 . Yes 2 . No	1418	V V V V	3 . L 4 . S . i !	ogi tat	deck imputation cal imputation (derivation) istical or logical itation using previous wave
T GI: Alloc Alloca govern variab betwee	cation ation f ament p ble. It en mont	flag for ER35 Plag for ISS Code 35 Local pensions This is a monthly ss value is subject to change ths.	D ER	38 2 : Receipt of survivors Did re	f o	1425 ther retirement, disability ve income from other
V V V V V V	1 . Sta . dec 2 . Col 3 . Log 4 . Sta	imputed tistical imputation (hot kk) d deck imputation fical imputation (derivation) tistical or logical utation using previous wave	pe	payments in This is an subject to I persons 1s eriod indica	n t mon ch 5+ tin	isability or survivors his month? ISS Code 38 tthly variable. Its value is lange between months. at the end of the reference g receipt of income from , disability or survivors

DATA	SIZE	BEGI N		DATA	SIZE	BEGI N	
V V V D AR38	1 . Yes 2 . No 1	t in universe s 1427 flag for ER38	7 7	V :	3 . Logi 1 . Stat	tistical or lo utation using	on (derivation)
All pay sur Its	ocation f ments for vivor Th value is ths. O .Not	flag for ISS Code 38 Other retirement, disability his is a monthly variable s subject to change between timputed atistical imputation (hot	or e. een	chari tablê Di d chari ta 50 Thi	ot of i e group recei able gr s is a	1434 income assista ive income assicup in this ra a monthly vari	sistance from a month? ISS Code able. Its
V V V V V	. dec 2 . Col 3 . Log 4 . Sta	ck) d deck imputation gical imputation (derivat atistical or logical outation using previous v	ti on) wave	months.  I All person period inc assistance during the  I -1	ns 15+ licatin e from e refen l .Not	at the end of	f the reference
(ISS C Di d	ceipt of ode 39) rece	1428 Pension/Retirement Lump eive income from	Sums	V 2 D AR50 Γ GI: Alloca	ation f	1436 flag for ER50	ada 50 I.a.a.
mon var bet U All pe	th? ISS ( iable. It ween mont rsons 15+	+ at the end of the refer	ly nange rence	This is subject V (	s a mor t to cl ) .Not	nange between imputed	e. Its value is months.
the re V V	ference p -1 . Not 1 . Yes	t in universe	,	V V V	decl. Colo? Logi. Stat	d deck imputati ical imputatio tistical or lo	ci on on (deri vati on) ogi cal
V D AR39 T GI: Al	2.No 1 location ocation f	1430 flag for ER39 flag for ISS Code 39	Ţ	V V V D ER51	. data	<u> </u>	previous wave
ren a m	onthly vachange be change be 0 . Not	rement lump sums lins i ariable. Its value is sub etween months. t imputed	is oj ect	T GI: Recei p fri ends Di d fri ends	ot of r recei	money from rel ive money from his month? ISS	m relatives or S Code 51
V V V V	. dec 2 . Col 3 . Log 4 . Sta . i m	ld deck imputation gical imputation (derivat atistical or logical outation using previous v	ti on) wave	subject V All person period ind relatives reference	t to ches 15+ licatine or fri	hange between at the end of ng receipt of ends sometimed.	e. Its value is months. If the reference money from e during the
V D ER42 T GI: Re Thrift			lk or	<b>V</b> 1	l .Yes 2 .No	in universe	
Di d I RA mon yar	rece /Keough/4 th? ISS (	eive income from a draw of 101k or Thrift Plan in the Code 42 This is a monthles value is subject to change.	on an ' nis V	I GI: Allocat Allocat from re monthly	ation f tion fl elative varia	flag for ER51 lag for ISS Co es or friends	ode 51 Money This is a ue is subject to
U All pe period IRA/Ke	rsons 15+ i ndi cati ough/401k	Hat the end of the reference receipt of a draw on a control of a draw on a control of the contro	an e	V (V 1) V (V 2) V (V 2	) . Not l . Stat . deck 2 . Col c	imputed tistical imput k) d deck imputat	i on
V V V	-1 . Not 1 . Yes 2 . No	t in universe S	7	V :	3 . Logi 1 . Stat	ical imputatio tistical or lo utation using	on (derivation)
All Dis	ocation f tributior	1433 flag for ER42 flag for ISS Code 42 ns form IRA/Keough/401K onthly variable. Its valu		52)	ot of l recei	ive income fro	ents (ISS Code om lump sum
Sub V V V	0 . Not	onthly variable. Its valuchange between months. t imputed atistical imputation (hotok)		payment This is	s in t	this month? IS nthly variable	SS Code 52 e. Its value is months. f the reference

DATA SIZE B	EGI N	DATA	SIZE	BEGI N
period indicating payments sometime period.  V -1 . Not in V 1 . Yes V 2 . No	during the reference n universe	V V 2 V 3 V 4 V	. Logi . Stat	deck imputation cal imputation (derivation) istical or logical tation using previous wave
payments ints Its value is someths. V 0.Not into 1.Stati: V 1.Stati: V 2.Cold 0 V 3.Logic: V 4.Stati:	ag for ER52 g for ISS Code 52 Lump sum is a monthly variable. ubject to change between mputed stical imputation (hot deck imputation al imputation (derivation) stical or logical ation using previous wave	(ISS Code Did in that monthly change U All person period ind cash incom period. <br V -1</br 	t of m 56) recei month varia betwee s 15+ i catin e some	1449 is scellaneous cash income  ve miscellaneous cash income ? ISS Code 56 This is a ble. Its value is subject to n months. at the end of the reference g receipt of miscellaneous time during the reference in universe
boarders Did receive boarders in the This is a mont subject to char U All persons 15+ ar period indicating roomers or boardereference period. V -1. Not in	e income from roomers or is month? ISS Code 53 hly variable. Its value is nge between months. t the end of the reference receipt of income from rs sometime during the	case in This is subject V 0 V 1 V 2 V 2 V 3 V 4	a mon to ch . Not . Stat . deck . Cold . Logi . Stat	deck imputation cal imputation (derivation) istical or logical
monthly variable change between V 0. Not in V 1. Statis V 2. Cold of V 3. Logic V 4. Statis V 4. Statis	ag for ER53 g for ISS Code 53 Income r boarders This is a le. Its value is subject to months. mputed stical imputation (hot deck imputation (derivation) stical or logical	Code 75) Did governm This is subject V All person period ind government reference V -1 V 1	. data  2 t of o recei ent so a mon to ch s 15+ i catin i ncom	ther government income (ISS ve income from other ources in this month? othly variable. Its value is lange between months. at the end of the reference of greceipt of other is sometime during the
Did received casual earning 55 This is a value is subjection that the control of the control of the casual cas	cidental or casual earnings e income from incidental or s in this month? ISS Code monthly variable. Its ct to change between t the end of the reference receipt of income from ual earnings sometime nce period. n universe	T GI: Alloc Allocat governm variabl between V 0 V 1 V V 2 V 2 V 3	ion flent in e. Its month . Not . Stat . Cold . Logi . Stat	flag for ER75 ag for ISS Code 75 Other acome This is a monthly a value is subject to change is. imputed istical imputation (hot ) deck imputation cal imputation (derivation) istical or logical itation using previous wave
T GI: Allocation flam Allocation flam Incidental or a monthly variate to change betwo V 0.Not in	ag for ER55 g for ISS Code 55 casual earnings This is able. Its value is subject een months. mputed	Code 1) Amount for sel monthly change	of So re f in t varia betwee	1455 cial Security - Adult (ISS ceived from Social Security his month. This is a ble. Its value is subject to months. at the end of the reference

1 . Statistical imputation (hot

2 . Cold deck imputation 3 . Logical imputation (derivation)

. deck)

DATA	SIZE	BEGI N
V V V		tistical or logical utation using previous wave a
	AMFA 5 Amount of Fo	1473 ederal SSI - Adult (ISS Code
:	self in this variable. Its between montl	eceived from Federal SSI for month. This is a monthly s value is subject to change hs.  at the end of the reference ived Federal SSI income for
peri seli 1	iod who recei f in this mo	ived Federal SSI income for nth. EPOPSTAT = 1 and ERO3A =
V		e or not in universe unt in dollars
D AO3AT GI:	Allocation ( Allocation fl amount Federa	1478 flag for TO3AMTA lag for ISS Code 3 - adult al SSI for self This is a able. Its value is subject to en months.
V V V	0 . Not 1 . Stat . decl	imputed tistical imputation (hot
V V V V	4 . Stat	ical imputation (derivation) tistical or logical utation using previous wave a
D TO3/	AMFK 5 Amount of Fe	1479 ederal SSI - Child (ISS Code
U All peri payi EPOI V	SSI payments This is a mon is subject to persons 15+ iod who recei ments for chi PSTAT = 1 and 0 .None	eceived in separate Federal for children in this month. In this value of change between months. It is at the end of the reference is exelved separate Federal SSI is ildren in this month. It is month the cornot in universe unt in dollars
]	Allocation f Allocation fl children's an children Thi	1484 flag for TO3AMIK lag for ISS Code 3 - mount Federal SSI for is is a monthly variable. subject to change between
V V V	0 . Not	imputed tistical imputation (hot
V V V V V	2 . Colo 3 . Logi 4 . Stat	d deck imputation ical imputation (derivation) tistical or logical utation using previous wave
1	Amount of St Amount ro this month. yariable. Its	1485 tate SSI (ISS Code 4) eceived from State SSI in This is a monthly s value is subject to change
U All peri	between montl persons 15+ iod who recei	ns. at the end of the reference ived State SSI income in this = 1 and ERO4 = 1
V	0 . None	e or not in universe unt in dollars
D A04	<b>ΑΜΓ</b> 1	1490

SIZE BEGIN

DATA

DATA	SIZE BEGIN	DATA	SIZE BEGIN
Alloca State Its va months	0 .Not imputed 1 .Statistical imputation (hot	comper This i is sul U All perso period wh or pensio	t received from Veterans' is a monthly variable. Its value oject to change between months. ons 15+ at the end of the reference no received Veterans' compensation ons in this month. EPOPSTAT = 1 and
V V V V V	. deck) 2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave	ER08 = 1 V V 1: 9999 D A08AMI	0 .None or not in universe 99 .Amount in dollars 1 1508
V D TO5AMT	. data  5 1491 nt of State unemployment	T GI: Alloc Alloca Vetera This i	cation flag for TO8AMT ation flag for ISS Code 8 amount ans' compensation or pensions as a monthly variable. Its value is
compensate Amount unemple This is is sufficient with the compensate of the compensate Amount of the compensate Amount is a compensate Amount in the compensate Amount in th		subj ed V V V V V V	ct to change between months.  0 .Not imputed  1 .Statistical imputation (hot deck)  2 .Cold deck imputation  3 .Logical imputation (derivation)  4 .Statistical or logical imputation using previous wave
	0 . None or not in universe 99 . Amount in dollars	D TO9AMI T GI: Amour	.data 5 1509 nt of black lung payment (ISS Code
T GI: Alloc Alloca State	1 1496 cation flag for TO5AMT ation flag for ISS Code 5 amount unemployment compensation This monthly variable. Its value is ct to change between months. 0 .Not imputed 1 .Statistical imputation (hot .deck) 2 .Cold deck imputation 3 .Logical imputation (derivation)	9) Amount paymer monthl change U All perso period wh this mont V	t received from black lung ints in this month. This is a ly variable. Its value is subject to be between months. ins 15+ at the end of the reference in received black lung payments in th. EPOPSTAT = 1 and ERO9 = 1 0 . None or not in universe 99 . Amount in dollars
V V V D TO7AMI	4 . Statistical or logical . imputation using previous wave . data 5 1497	Alloca	1 1514 cation flag for TO9AMT ation flag for ISS Code 9 amount lung payments This is a monthly ole. Its value is subject to change
T GI: Amount compensate Amount unemplement is sufficient with the compensate and the comp	nt of other unemployment	Variation between V V V V V V V V V V V V V V V V V V	on months.  0 . Not imputed  1 . Statistical imputation (hot deck)  2 . Cold deck imputation  3 . Logical imputation (derivation)  4 . Statistical or logical imputation using previous wave data
V V 1: 9999	0 .None or not in universe 99 .Amount in dollars	D T10AMF T GI: Amour Code 10)	5 1515 nt of workers' compensation (ISS
Other is an subject V	1 1502 cation flag for TO7AMT ation flag for ISS Code 7 amount unemployment compensation This monthly variable. Its value is ct to change between months.  0 .Not imputed	Amount comper monthl change U All perso period wh income in	t received from workers' nsation in this month. This is a y variable. Its value is subject to e between months. ons 15+ at the end of the reference no received workers' compensation n this month. EPOPSTAT = 1 and ER10
V V V V V V	<ol> <li>Statistical imputation (hot . deck)</li> <li>Cold deck imputation</li> <li>Logical imputation (derivation)</li> <li>Statistical or logical . imputation using previous wave . data</li> </ol>	D A10AMT T GI: Alloc Alloca	0 . None or not in universe 99 . Amount in dollars 1 1520 cation flag for T10AMT ation flag for ISS Code 10 amount rs' compensation This is a
D TO8AMT T GI: Amour pensi on	5 1503 nt of Veterans compensation or	monthl change V	y variable. Its value is subject to between months.  O . Not imputed

DATA	SIZE	BEGI N	DATA	SIZE BEGIN	
V V V V V V	. decl 2 . Col o 3 . Log 4 . Sta . i mp . data	d deck imputation ical imputation (derivation) tistical or logical utation using previous wave a	subje U All pers period w payments ER14 = 1	is a monthly variable. Its pect to change between months. sons 15+ at the end of the rewho received employer disabiles in this month. EPOPSTAT = 0. None or not in universe 1999. Amount in dollars	eference lity
benefits Amoun union month	nt of ent of temporal This alue is	1521 mployer/union temp. sickness eceived from employer or ary sickness policy in this is a monthly variable. subject to change between	Alloc Emplo a mon	1 1538 Decation flag for T14AMT Cation flag for ISS Code 14 a Over disability payments Thi Over the thick that the cate of the	amount is is subject
U All pers period w sickness 1 and ER V	ons 15+ ho rece benefi 12 = 1 0 . None	at the end of the reference ived employer/union temporary ts in this month. EPOPSTAT = e or not in universe	V V V V	<ol> <li>Notatistical imputation (deck)</li> <li>Cold deck imputation</li> <li>Logical imputation (derification)</li> <li>Statistical or logical</li> </ol>	
D A12AMΓ	99 . Amo 1	unt in dollars 1526	V V D T15AMT	.imputation using previou .data 5 1539	is wave
Emplo benef	yer/uni its Th alue is	flag for T12AMT lag for ISS Code 12 amount on temporary sickness is is a monthly variable. subject to change between	T GI: Amoun Amoun this yaria	unt of severance pay (ISS Count received from severance month. This is a monthly while. Its value is subject to been months.	ce pay in
V V V V V	0 . Not 1 . Star . decl 2 . Col	d deck imputation	U All pers period w month. E V	sons 15+ at the end of the re who received severance pay in CPOPSTAT = 1 and ER15 = 1 0.None or not in universe	eference 1 this
V V V	4 . Sta . i mp	ical imputation (derivation) tistical or logical utation using previous wave a	D A15AMT T GI: Allo	1 1544  ocation flag for T15AMT  eation flag for LSS Code 15	amount
T GI: Amou disabili	ty insu	wn sickness, accident,	Sever vari a betwe	cation flag for ISS Code 15 a cance pay This is a monthly able. Its value is subject to een months. 0 .Not imputed	change
acci d i n th vari a betwe	ent or o is montl ble. Its en montl	disability insurance policy h. This is a monthly s value is subject to change hs.	V V V V	<ol> <li>Statistical imputation (deck)</li> <li>Cold deck imputation</li> <li>Logical imputation (deri</li> </ol>	
period w	ho rece	at the end of the reference ived income from their own ent or disability insurance month. EPOPSTAT = 1 and ER13	V V V	4 . Stātistical or logical . imputation using previou . data	
V V 1: 999		e or not in universe unt in dollars	T GI: Amou	5 1545 int of AFDC, ADC (ISS Code 20) it received from Aid to l Dependent Children (AFDC, Al	Families
T GI: Alloc Alloc Payme	nts tro	1532 flag for T13AMT lag for ISS Code 13 amount m sickness, accident or nsurance policy in own name nthly variable. Its value	varia betwe U All pers	Dependent Children (AFDC, Almonth. This is a monthly able. Its value is subject to sen months. Sons 15+ at the end of the rewho received AFCD in this months.  T = 1 and ER20 = 1	o change
V 1s su	bject to 0 .Not 1 .Sta	o cnange between montns. imputed tistical imputation (hot	V V 1: 999 D A20AMT	0 .None or not in universe 199 .Amount in dollars	
V V V V V V	3 . Log 4 . Sta	k) d deck imputation ical imputation (derivation) tistical or logical utation using previous wave a	T GI: Allo Alloc Aid t (AFDC varia	ocation flag for T20AMT cation flag for ISS code 20 a co Families with Dependent Cl C, ADC) This is a monthly able. Its value is subject to ben months.	hi I dren
(ISS Code	nt of e e 14)	1533 mployer disability payments	V V V	0 . Not imputed 1 . Statistical imputation ( . deck)	
Amoun di sab	ility p	eceived from employer ayments in this month.	V	2 . Cold deck imputation 3 . Logical imputation (deri	vati on)

DATA	SIZE	BEGIN	DA	ATA	SIZE	BEGI N
V V V		ntistical or logical outation using previous wave ca	D T	A24AMT GI: Alloca Allocat	1 ation fi welfar	1568 flag for T24AMT lag for ISS Code 24 amount e This is a monthly
D T21AMF T GI: Amoun Relief	of G	1551 General Assistance or General	V	varı abl betweer	e. It 1 mont	s value is subject to change
Amount Assi st month.	ance o Thi s	received from General or General Relief in this s is a monthly variable. s subject to change between	V V V V V	1	. Sta . dec . Col	tistical imputation (hot
months U All perso period wh	s. ons 15+ o rece	- at the end of the reference eived General Assistance or in this month. EPOPSTAT = 1	V V	4	l.Sta .imp .dat	tistical or logical utation using previous wave a
and ER21 V V 1: 9999	0 . Non	ne or not in universe ount in dollars	D T	T25AMF GI: Amount Amount	of W	1569 IC payments (ISS Code 25) eceived from WIC payments in This is a monthly
Alloca	cation	flag for T21AMT Flag for ISS Code 21 amount	U A	vari abl betweer All persor	e. It nont ns 15+	s value is subject to change hs.  at the end of the reference
Genera This i subjec	al Assi s a mo et to c	stance or General Relief onthly variable. Its value is change between months.	<b>v</b>	period who month. EPC C	rece PSTAT ) . Non	ived MC payments in this = 1 and ER25 = 1 e or not in universe
V V V	1 . Sta	imputed htistical imputation (hot k) d deck imputation	V D			unt in dollars 1574 flag for T25AMT
V	3 . Log 4 . Sta	gical imputation (derivation) htistical or logical outation using previous wave		VII C 11	s sub	1574 flag for T25AMT lag for ISS Code 25 amount a monthly variable. Its ject to change between
D T23AMF T GI: Amoun	5 nt of f		V V V	1	Not Sta . dec	imputed tistical imputation (hot k)
care p a mont	ayment hly va	received from foster child s in this month. This is ariable. Its value is subject	V V V V	33	B.Log L.Sta .imp	d deck imputation ical imputation (derivation) tistical or logical utation using previous wave
U All perso period wh payments	ons 15+ no rece	etween months at the end of the reference eived foster child care s month. EPOPSTAT = 1 and	V D 7 T 6	T26AMF GI: Amount	dat: 5 of p	a 1575 ass-through child support
		ne or not in universe ount in dollars	•	child s	unnor	eceived from pass-through t payments in this month.
T GI: Alloc	1 cation ation f	flag for T23AMT Flag for ISS Code 23 amount	U A	subject All persor period who	to c s 15+ c rece	nthly variable. Its value is hange between months.  at the end of the reference ived pass-through child
Foster monthl change	r child y vari e betwe	care payments. This is a able. Its value is subject to een months.	v	and ER26 =	: 1 	e or not in universe
V V V	1 . Sta	imputed tistical imputation (hot ck) d dock imputation	V D	А26АМГ	1	unt in dollars 1580 flag for T26AME
V V V V	3 . Log 4 . Sta . i mp . dat	d deck imputation gical imputation (derivation) utistical or logical outation using previous wave	•	Pass-th This is	irough s a moi	flag for T26AMT lag for ISS Code 26 amount child support payments nthly variable. Its value is hange between months.
D T24AMI	5	1563 other welfare (ISS Code 24)	V V V	1	Not . Not Sta decl	imputed tistical imputation (hot k)
this n variab betwee	nonth. ole. It en mont	ts value is subject to change chs.	V V V V	3	B.Log L.Sta	d deck imputation ical imputation (derivation) tistical or logical utation using previous wave
period wh month. EP	o rece POPSTAT	at the end of the reference eived other welfare in this		Т27АМГ		1581
V V 1: 9999	0 . Non 99 . Amo	ne or not in universe ount in dollars	1	Amount	r	ood Stamps (ISS Code 27) eceived from food stamps in This is a monthly

**D A29AMI** 

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variable. Its value is subject to change
              between months.
 U All persons 15+ at the end of the reference period who received food stamps in this month. EPOPSTAT = 1 and ER27 = 1

V 0 . None or not in universe
V 1:99999 . Amount in dollars
D A27AMT 1 1586
T GI: Allocation flag for T27AMT
Allocation flag for ISS Code 27 amount
Food stamps This is a monthly
variable. Its value is subject to change
              between months.
                              0 .Not imputed
1 .Statistical imputation (hot
                                   . deck)
                             2. Cold deck imputation
3. Logical imputation (derivation)
4. Statistical or logical
imputation using previous wave
                                   . data
     GI: Amount of child support payments (ISS Code 28)
                                        received from child support
              Amount ..
payments in this month. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months.

U All persons 15+ at the end of the reference period who received child support payments in this month. EPOPSTAT = 1 and ER28 = 1

V 0. None or not in universe
V 1:4800. Amount in dollars
              payments in this month. Maximum dollar
D AZ8AMI 1 1592
T GI: Allocation flag for T28AMT
Allocation flag for ISS Code 28 amount
Child support payments This is a
monthly variable. Its value is subject to
change between months.
                             0 . Not imputed
1 . Statistical imputation (hot
                             deck)

2 . Cold deck imputation

3 . Logical imputation (derivation)

4 . Statistical or logical
                                   . imputation using previous wave
                                   . data
D T29AMI
                                                1593
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1598 T GI: Allocation flag for T29AMT
Allocation flag for ISS Code 29 amount

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Alimony payments This is a monthly
               variable. Its value is subject to change
               between months.
                              0 . Not imputed
1 . Statistical imputation (hot deck)
V
V
V
V
V
V
                               2 . Cold deck imputation
3 . Logical imputation (derivation)
                               4 . Statistical or logical
                                    . imputation using previous wave
D T30AMI
                                                  1599
 T GI: Amount of pension from a company or
      uni on
              Amount ... received from pension from a company or union in this month. Maximum
             company or union in this month. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months.
U All persons 15+ at the end of the reference period who received pension income from a company or union in this month. EPOPSTAT = 1
      and ER30 = 1
               0 . None or not in universe
1:10000 . Amount in dollars
D A30AMT 1 1604
T GI: Allocation flag for T30AMT
    Allocation flag for ISS Code 30 amount
    Pension income from a company or union
    This is a monthly variable. Its value
    is subject to change between months.
V 0 . Not imputed
V 1 . Statistical imputation (hot
    . deck)
V 2 . Cold deck imputation
V 3 . Logical imputation (derivation)
D A30AMΓ
 V
V
V
V
                               3 . Logical imputation (derivation)
4 . Statistical or logical
                                    . imputation using previous wave
D T31AMI
                                                  1605
T GI: Amount of Federal Civil Service pension (ISS Code 31)
              Amount ... received from Federal civilian employee pension in this month. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable.
               Its value is subject to change between
              months.
months.

U All persons 15+ at the end of the reference period who received pension income from the federal government in this month. EPOPSTAT = 1 and ER31 = 1

V 0 . None or not in universe V 1:15700 . Amount in dollars
D A31AMT 1 1610
T GI: Allocation flag for T31AMT
Allocation flag for ISS Code 31 amount
Federal Civil Service or other Federal
civilian employee pension This is a
monthly variable. Its value is subject to
              change between months.

0 . Not imputed
1 . Statistical imputation (hot
```

DATA	SIZE BEGIN	DATA	SIZE BEGIN
V V V	. deck) 2 . Cold deck imputation 3 . Logical imputation (deriv 4 . Statistical or logical . imputation using previous . data	ation) Code 35) Amour wave gover dolla can b	ent received from a local comment pension in this month. Maximum ar amount is the total amount which be disclosed for the four month
Amount Retire dollar can be refere months month amount	5 1611 nt of U.S. Military retirement received from U.S. Mil ement pay in this month. Maxi r amount is the total amount e disclosed for the four mont ence period. If the sum of th s is greater than this max, e is topcoded to one quarter o t. This is a monthly variabl alue is subject to change bet	t pay month i tary month mum amoun which Its v h month e four U All pers ach period v f this local go e. and ER35 ween V	cons 15+ at the end of the reference tho received pension income from a everyment in this month. EPOPSTAT = 1
U All perso period wh	ons 15+ at the end of the ref ho received U.S. Military	erence D A35AMT	1 1628
and ER32 V	nt pay in this month. EPOPSTA = 1 0 .None or not in universe 00 .Amount in dollars	Alloc Local month	cation flag for T35AMT ration flag for ISS Code 35 amount government pension This is a lly variable. Its value is subject to
T GI: Alloc Alloca S. Mil monthl change	1 1616 cation flag for T32AMT ation flag for ISS Code 32 am litary retirement pay This i ly variable. Its value is sub e between months.	V V Ount U. V s a V ject to V V	ge between months.  0 .Not imputed  1 .Statistical imputation (hot .deck)  2 .Cold deck imputation  3 .Logical imputation (derivation)  4 .Statistical or logical
V V V	<pre>0 .Not imputed 1 .Statistical imputation (h    .deck)</pre>	ot V	.imputation using previous wave .data
V	<ul> <li>2. Cold deck imputation</li> <li>3. Logical imputation (derivent of the second of the secon</li></ul>	i nsuranc wave Amoun i nsur	5 1629 unt of income from paid-up life ee policy tt received from paid-up life rance policy or annuity in this a. Maximum dollar amount is the total
Amount pensi o amount di scil o peri od greate topcod	5 1617 nt of State government pension t received from State government in this month. Maximum dolution to the total amount which cosed for the four month refer d. If the sum of the four moner than this max, each month ded to one quarter of this amount is a monthly variable. Its variable.	amount four four of the ernment max, lar quart an be month ence change the is U All persis period wount.	twhich can be disclosed for the month reference period. If the sum the four months is greater than this each month is topcoded to one er of this amount. This is a ly variable. Its value is subject to be between months. Sons 15+ at the end of the reference who received income from a paid-up than the policy or EPOPSTAT = 1 and
is sub U All perso period wh	bject to change between month ons 15+ at the end of the ref ho received pension income fr	s. V erence V 1:88 om a	0 .None or not in universe 00 .Amount in dollars
and ER34 V	vernment in this month. EPOPS = 1 0 .None or not in universe 80 .Amount in dollars	T GI: Allo	1 1634 ecation flag for T36AMT eation flag for ISS Code 36 amount he from paid-up life insurance
D АЗ4АМГ	1 1622	polic month	cies or annuities This is a ly variable. Its value is subject to ge between months.
monthl	cation flag for T34AMT ation flag for ISS Code 34 am government pension This is ly variable. Its value is sub e between months.	ount V a V ject to V V	O .Not imputed 1 .Statistical imputation (hot .deck) 2 .Cold deck imputation
V	<pre>0 .Not imputed 1 .Statistical imputation (h    .deck)</pre>	ot V V V	3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave
V V	<ul><li>2 . Cold deck imputation</li><li>3 . Logical imputation (derivent of the state of the st</li></ul>	D T37AMT	. data 5 1635 unt from estates or trusts (ISS Code
V V	. data	37)	t received from estates or

trusts in this month. Maximum dollar trusts in this month. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months.

U All persons 15+ at the end of the reference period who received income from estates or trusts in this month. EPOPSTAT = 1 and ER37 = 1

0 . None or not in universe 1:20000 . Amount in dollars

D A37AMT 1 1640
T GI: Allocation flag for T37AMT
Allocation flag for ISS Code 37 amount
Estates and trusts This is a monthly
variable. Its value is subject to change
between months.
V 0 Not in the control of the cont

0 . Not imputed
1 . Statistical imputation (hot

. deck)

2 Cold deck imputation
3 Logical imputation (derivation)
4 Statistical or logical . imputation using previous wave

**D T38AMI** 1641 T GI: Amt. from other retirement, disability or survivor

Amount ... received from other retirement, disability or survivor payments in this month. (ISS Code 38)
Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months. months.

U All persons 15+ at the end of the reference period who received other retirement, disability or survivor payments EPOPSTAT = 1 and ER38 = 1

0 . None or not in universe 1:10400 . Amount in dollars

**D A38AMI** 1647

T GI: Allocation flag for T38AMT
Allocation flag for ISS Code 38 amount
Other payments for retirement, disability
or survivor This is a monthly
variable. Its value is subject to change between months.

0 .Not imputed 1 .Ștațistical imputation (hot . deck)

2. Cold deck imputation
3. Logical imputation (derivation)
4. Statistical or logical

. imputation using  $\check{p}revious$  wave . data

D ТЗ9АМГ 1648 6

GI: Amount of pension/retirement lump sums (ISS Code 39)

Amount ... received from pension/retirement lump sums in this month. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this

max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months.

U All persons 15+ at the end of the reference period who received pension/retirement lump sums in this month. EPOPSTAT = 1 and ER39 =

0 . None or not in universe 1: 440000 . Amount in dollars

T GI: Allocation flag for T39AMT
Allocation flag for ISS Code 39 amount
Pension/retirement lump sums This is
a monthly variable. Its value is subject
to change between months.

0. Not imputed
1. Statistical imputation (hot

V V V V V

. deck)
2 . Cold deck imputation
3 . Logical imputation (derivation)
4 . Statistical or logical

.imputation using previous wave . data

**D T42AMI** 1655

T GI: Amount of draw from an IRA/Keough/401k or Thrift Plan

Inrift Plan
Amount ... received from draw on an
IRA/Keough/401K or Thrift Plan in this
month. Maximum dollar amount is the total
amount which can be disclosed for the
four month reference period. If the sum
of the four months is greater than this
max, each month is topcoded to one
quarter of this amount. This is a
monthly variable. Its value is subject to
change between months. change between months.

U All persons 15+ at the end of the reference period who received draw from an IRA/Keough/401k or Thrift Plan in this month. EPOPSTAT = 1 and ER42 = 1

V 0 . None or not in universe
V 1:54500 . Amount in dollars

D A42AMF 1 1660
T GI: Allocation flag for T42AMF
Allocation flag for ISS Code 42 amount
Draw from IRA/Keough/401k or Thrift Plan
This is a monthly variable. Its value
is subject to change between months.
V 0 . Not imputed
V 1 . Statistical imputation (hot

deck)

2 . Cold deck imputation

3 . Logical imputation (derivation)

4 . Statistical or logical

.imputation using previous wave

**D T50AMΓ** 1661

T GI: Amount of income assistance from a

charitable group

Amount of income assistance from a charitable group ... received in this month. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months.

U All persons 15+ at the end of the reference period who received income assistance from a

V V V V V

DΑ	ATA SIZE BEGIN	DATA	SIZE	BEGIN
V V D T V V V V V	charitable group in this month. EPOPSTAT = 1 and ER50 = 1 0 . None or not in universe 1:300 . Amount in dollars  A50AMF	V V V V V V V D T53	Lump sum paym variable. Its between month 0 .Not 1 .Stat .deck 2 .Cold 3 .Logi 4 .Stat .impu .data BAMI 5 Amount of in arders Amount re boarders in t	ments This is a monthly value is subject to change is. imputed istical imputation (hot) deck imputation (derivation) alimputation (derivation) istical or logical station using previous wave from roomers or eceived from roomers or this month. Maximum dollar
V V D T	. imputation using previous wave . data  T51AMT 5 1667 GI: Amount of money from relatives or friends Amount received from relatives or friends in this month. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount.	per boa	amount is the disclosed for period. If the greater than topcoded to the control of the control o	total amount which can be the four month reference as sum of the four months is this max, each month is one quarter of this amount. Its value of change between months. At the end of the reference wed income from roomers or smonth. EPOPSTAT = 1 and a cor not in universe and in dollars
V V D	This is a monthly variable. Its value is subject to change between months.  All persons 15+ at the end of the reference period who received money from relatives or friends in this month. EPOPSTAT = 1 and ER51 = 1  0. None or not in universe 1:43600. Amount in dollars  A51AMT 1 1672  GI: Allocation flag for T51AMT  Allocation flag for ISS Code 51 amount Money from relatives or friends This is a monthly variable. Its value is subject to change between months.	D A53 T GI: V V V V V V V V	Allocation f Allocation fl Income from r is a monthly subject to ch 0 . Not 1 . Stat . deck 2 . Cold 3 . Logi 4 . Stat	l deck imputation cal imputation (derivation) istical or logical itation using previous wave
Г	0 . Not imputed 1 . Statistical imputation (hot . deck) 2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data  T52AMT 5 1673 GI: Amount of lump sum payments (ISS Code 52) Amount received from lump sum	D T58	Amount of in Amount re casual earnin dollar amount can be disclored reference per months is green month is topic amount. This	1685  Ici dental or casual earnings ceived from incidental or gs in this month. Maximum is the total amount which sed for the four month ciod. If the sum of the four ater than this max, each coded to one quarter of this is a monthly variable. subject to change between
V V D	payments in this month. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months. All persons 15+ at the end of the reference period who received lump sum payments in this month. EPOPSTAT = 1 and ER52 = 1  0. None or not in universe 1: 1300. Amount in dollars  A52AMT 1 1678 GI: Allocation flag for T52AMT	per cas and V V D A55	l persons 15+ riod who recei sual earnings d ER55 = 1 0 .None 1:14000 .Amou 5AMT 1 Allocation f Incidental or a monthly var to change bet 0 .Not	imputed istical imputation (hot
•	Allocation flag for ISS Code 52 amount	V	2 . Col d	deck imputation

<b>D</b> A	ATA SIZE	BEGI N	DA	ATA	SIZE	BEGI N
V V V	4 . Stā	utation using previous wave	V V		. None	d ER20 = 1 e or not in universe unt in dollars
Т	GI: Amount of m Amount o received in amount is th disclosed fo period. If t greater than topcoded to	1691 iscellaneous cash income f miscellaneous cash income this month. Maximum dollar e total amount which can be r the four month reference he sum of the four months is this max, each month is one quarter of this amount. nthly variable. Its value o change between months.	T V V V V	Allocat support behalf Its val months. 0	ion fl colle This ue is . Not . Stat	flag for TCSAGY lag for amount of child ected by agency on's is a monthly variable. subject to change between imputed tistical imputation (hot
	period who rece income in this = 1	ived miscellaneous cash month. EPOPSTAT = 1 and ER56	V V V		. data	acacion using previous wave
V		e or not in universe unt in dollars	T	EROLOVR1 GI: Money retirement	rol l ed	1710 d over into IRA/other type of
Т	GI: Allocation Allocation f Miscellaneou elsewhere T Its value is months.	subject to change between	U	some ot This va value i All person period who retirement	her ty ri ablë s subj s 15+ recei nl ans	over any money into IRA or type of retirement plan? The repeats once per wave. Its ect to change between waves. At the end of the reference type lump sum from pension of in this month. EPOPSTAT = 1
V V V	1 . Sta . dec	k)	V V			in universe
V V V V	2 . Col 3 . Log	d deck imputation ical imputation (derivation)	V	2	. No	1710
V V V		tistical or logical utation using previous wave a	T	AROLOVR1 GI: Alloca Allocat	1 tion fion fl	1/12 flag for EROLOVR1 lag for roll over of lump sur ay This variable repeats e. Its value is subject to
D T	T75AMI 6 GI: Amount of o Code 75)	ther government income (133	V	change	perwee	e. Its value is subject to en waves. imputed
	Amount r sources in t monthly vari change betwe	eceived from other government his month. This is a able. Its value is subject to en months.	V V V	1 2 3	. Stat . decl . Col o . Logi	cistical imputation (hot s) I deck imputation I cal imputation (derivation)
	period who rece in this month.	ived other government income EPOPSTAT = 1 and ER75 = 1	V V V	4	. Stai	itatical or logical itation using previous wave
V	0 . Non 1: 999999 . Amo	e or not in universe unt in dollars		EROLOVR2 GI: Plan t	2 o roll	1713 over money into IRA/other
D T	Other govern	1703 flag for T75AMT lag for ISS Code 75 amount ment income This is a able. Its value is subject to		Does an IRA plan?	. plai or soi This v ts val	n to roll over any money into me other type of retirement variable repeats once per lue is subject to change
V V V	0 . Not 1 . Sta . dec	imputed tistical imputation (hot k)	U	All person	s 15+ recei plans	at the end of the reference wed lump sum from pension of s in this month. EPOPSTAT = 1
V V V V	3 . Log 4 . Sta	utation using previous wave	V V V	- 1 1		in universe
D T	GI: Amount rece behalf	1704 ived by Agency on's ild support collected by	D T	Tump Su	m reti	1715 flag for EROLOVR2 lag for plans to roll over rement payment This eats once per wave. Its value
U	agency on This is a mo subject to c	.'s behalf in this month. nthly variable. Its value is hange between months.	V V V	is subj 0 1	ect to . Not . Stat . decl	o change between waves. imputed istical imputation (hot

DATA	SIZE BEGIN	DATA	SIZE BEGIN
ref. p Amo acc	nt rolled over into retirement acct in eriod ount rolled over into a retirement ount during the reference period.	V V V V V V V V D RAB2R1	. dependent 4 . Separated or divorced from . spouse/parent 5 . Loss of job/wages/other income 6 . Loss of other support income 7 . Just learned about program 8 . Just got around to applying 9 . Became disabled 10 . Other, specify 2 1727
U All pe period all or EPOPST	s variable repeats once per wave. Its ue is subject to change between waves. ersons 15+ at the end of the reference who rolled over or plan to roll over part of a lump sum pension payment.  AT = 1 and (EROLOVR1 = 1 or EROLOVR2 =	T GI: Fin 2nd tin Circ secc peri	rst reason for applying for AFDC the me cumstances for applying for AFDC the cond time in the 4 month reference iod? This variable repeats once
V 1: 99	0 . None or not in universe 9000 . Amount in dollars	betv U All per transit	wave. Its value is subject to change ween waves. rsons 15+ reporting a second tion from non-receipt of AFDC to
T GI: Al All Thi Its	MT 1 1722 location flag for TROLLAMT ocation flag for amount of roll over s variable repeats once per wave. value is subject to change between	recei pt and rep change. V V	t of AFDC over two consecutive months porting at least one reason for this  -1 .Not in universe 2 .Pregnancy/birth of child
Wav V V V V V V	<ul> <li>0. Not imputed</li> <li>1. Statistical imputation (hot deck)</li> <li>2. Cold deck imputation</li> <li>3. Logical imputation (derivation)</li> <li>4. Statistical or logical</li> </ul>	V V V V V V	<ul> <li>3 . Began receiving for another . dependent</li> <li>4 . Separated or divorced from . spouse/parent</li> <li>5 . Loss of job/wages/other income</li> <li>6 . Loss of other support income</li> <li>7 . Just learned about program</li> </ul>
V D RAB1R1		V V V	8 . Just got around to applying 9 . Became disabled 10 . Other, specify
1st ti Cir fir per per bet	cumstances for applying for AFDC the st time in the 4 month reference iod? This variable repeats once wave. Its value is subject to change ween waves.	2nd tir Circ secc peri per	cumstances for applying for AFDC the ond time in the 4 month reference od? This variable repeats once wave. Its value is subject to change
non-re two co	rsons 15+ reporting a transition from ceipt of AFDC to receipt of AFDC over unsecutive months and reporting at one reason for this change.  1 .Not in universe 2 .Pregnancy/birth of child	U All per transit receipt and rep	ween waves. rsons 15+ reporting a second tion from non-receipt of AFDC to t of AFDC over two consecutive months porting at least two reasons for this
V V V V	3 . Began receiving for another . dependent 4 . Separated or divorced from	change. V V V V	-1 .Not in universe 2 .Pregnancy/birth of child 3 .Began receiving for another .dependent
V V V V V	. spouse/parent 5 . Loss of job/wages/other income 6 . Loss of other support income 7 . Just learned about program 8 . Just got around to applying 9 . Became disabled 10 . Other, specify	V V V V V	<ul> <li>4 . Separated or divorced from . spouse/parent</li> <li>5 . Loss of job/wages/other income</li> <li>6 . Loss of other support income</li> <li>7 . Just learned about program</li> <li>8 . Just got around to applying</li> </ul>
1st ti	cond reason for applying for AFDC the	V V D RAS1	9 . Became disabled 10 . Other, specify 2 1731 ason for stopping AFDC the first time
fir per per	in time in the 4 month reference iod? This variable repeats once wave. Its value is subject to change ween waves.	Ci ro AFD( refe	cumstances for stopping receipt of C the first time in the 4 month erence period ? This variable
U All pe non-re two co least	ersons 15+ reporting a transition from eccipt of AFDC to receipt of AFDC over ensecutive months and reporting at two reasons for this change.	U All per receipt two cor	eats once per wave. Its value is ject to change between waves. rsons 15+ reporting a transition from t of AFDC to non-receipt of AFDC over assecutive months and reporting at
V V V	-1 .Not in universe 2 .Pregnancy/birth of child 3 .Began receiving for another	V V V	one reason for this change. -1 .Not in Universe 1 .Became ineligible because of

DATA	SIZE BEGIN	DATA	SIZE BEGIN	
V V V V V V V	.increased income  2 .Because of family changes  3 .Still eligible but could/chose .not to collect  4 .Became ineligible because .program requirements not met  5 .Eligibility ran out because of .time limits  6 .Other, specify	V V V V V V D RWB2R1		
Circu AFDC refer repea subje U All pers transiti non-rece	2 1733 on for stopping AFDC the second time mstances for stopping receipt of the second time in the 4 month ence period? This variable ts once per wave. Its value is ct to change between waves. ons 15+ reporting a second on from receipt of AFDC to ipt of AFDC over two consecutive nd reporting at least one reason for	2nd tir Circ secc peri per betv U All per transit receipt	cumstances for applying for WC the ond time in the 4 month reference iod? This variable repeats once wave. Its value is subject to change ween waves. rsons 15+ reporting a second tion from non-receipt of WC to t of WC over two consecutive months porting at least one reason for this	3
this cha	nge1 . Not in Universe 1 . Became ineligible because of . increased income 2 . Because of family changes 3 . Still eligible but could/chose . not to collect 4 . Became ineligible because . program requirements not met 5 . Eligibility ran out because of . time limits 6 . Other, specify	V V V V V V V V V V V V V V V	-1 . Not in universe 2 . Pregnancy/birth of child 3 . Began receiving for another . dependent 4 . Separated or divorced from . spouse/parent 5 . Loss of job/wages/other income 6 . Loss of other support income 7 . Just learned about program 8 . Just got around to applying 9 . Became disabled 10 . Other, specify	
1st time Circu first perio per w betwe U All pers non-rece	2 1735 t reason for applying for WC the mstances for applying for WC the time in the 4 month reference d? This variable repeats once ave. Its value is subject to change en waves. ons 15+ reporting a transition from ipt of WC to receipt of WC over ecutive months and reporting at e reason for this change.	2nd tir Circ secc peri per betv U All per transit receipt	cond reason for applying for WIC the	
V V V V V V V V V	-1 . Not in universe 2 . Pregnancy/birth of child 3 . Began receiving for another . dependent 4 . Separated or divorced from . spouse/parent 5 . Loss of job/wages/other income 6 . Loss of other support income 7 . Just learned about program 8 . Just got around to applying 9 . Became disabled 10 . Other, specify	Change. V V V V V V V V V V V V V V V V V V V		
1st time Circu first perio per w	mstances for applying for WC the time in the 4 month reference d? This variable repeats once ave. Its value is subject to change	D RWS1 T GI: Rea Ci re the peri per	2 1743 ason for stopping WIC the first time cumstances for stopping receipt of WI first time in the 4 month reference iod? This variable repeats once wave. Its value is subject to change	
U All personner recent two considers two	en waves. ons 15+ reporting a transition from ipt of WC to receipt of WC over ecutive months and reporting at o reasons for this change1 . Not in universe 2 . Pregnancy/birth of child 3 . Began receiving for another . dependent 4 . Separated or divorced from	U All per receipt two cor	ween waves. rsons 15+ reporting a transition from t of WC to non-receipt of WC over nsecutive months and reporting at one reason for this change1 .Not in Universe 1 .Became ineligible because of .increased income 2 .Because of family changes 3 .Still eligible but could/chose	n

DATA	SIZE BEGIN	DATA SIZE BEGIN
V V V V V V D RWS2	<ul> <li>not to collect</li> <li>4 . Became ineligible because</li> <li>program requirements not met</li> <li>5 . Eligibility ran out because of</li> <li>. time limits</li> <li>6 . Other, specify</li> <li>2 1745</li> </ul>	V .spouse/parent V 5.Loss of job/wages/other income V 6.Loss of other support income V 7.Just learned about program V 8.Just got around to applying V 9.Became disabled V 10.Other, specify
T GI: Reaso Circui the so perioo per wa	son for stopping WIC the second time unstances for stopping receipt of WIC second time in the 4 month reference od? This variable repeats once wave. Its value is subject to change	D RFB2R1 2 1751 T GI: 1st reason for applying for Food Stamps the 2nd time Circumstances for applying for Food Stamps the second time in the 4 month reference period? This variable
U All perso transition non-rece months and this char	een waves.  sons 15+ reporting a second  on from receipt of WC to  eipt of WC over two consecutive  und reporting at least one reason for  unge.	repeats once per wave. Its value is subject to change between waves. U All persons 15+ reporting a second transition from non-receipt of Food Stamps to receipt of Food Stamps over two
	<ul> <li>-I . Not in Universe</li> <li>1 . Became ineligible because of . increased income</li> <li>2 . Because of family changes</li> <li>3 . Still eligible but could/chose . not to collect</li> </ul>	consecutive months and reporting at least one reason for this change.  V -1 .Not in universe V 2 .Pregnancy/birth of child V 3 .Began receiving for another V .dependent
V V V V	4 . Became ineligible because . program requirements not met 5 . Eligibility ran out because of . time limits 6 . Other, specify	V 4 . Separated or divorced from V . spouse/parent V 5 . Loss of job/wages/other income V 6 . Loss of other support income V 7 . Just learned about program
Stamps ti Ci rcui	2 1747 st reason for applying for Food the 1st time unstances for applying for Food os the first time in the 4 month	V 8 . Just got around to applying V 9 . Became disabled V 10 . Other, specify D RFB2R2 2 1753 T GI: 2nd reason for applying for Food Stamps
reference repeated subjection on receipt food State	rence period? This variable ats once per wave. Its value is ect to change between waves. Sons 15+ reporting a transition from appearing the period of the consecutive months and ag at least one reason for this	the 2nd time Circumstances for applying for Food Stamps the second time in the 4 month reference period? This variable repeats once per wave. Its value is subject to change between waves. U All persons 15+ reporting a second transition from non-receipt of Food Stamps
V V V V	-1 . Not in universe 2 . Pregnancy/birth of child 3 . Began receiving for another . dependent 4 . Separated or divorced from	to receipt of Food Stamps over two consecutive months and reporting at least two reasons for this change.  V -1 . Not in universe V 2 . Pregnancy/birth of child
V V V V V	. spouse/parent 5 . Loss of job/wages/other income 6 . Loss of other support income 7 . Just learned about program 8 . Just got around to applying 9 . Became disabled 10 . Other, specify	V 3.Began receiving for another V dependent V 4.Separated or divorced from V spouse/parent V 5.Loss of job/wages/other income V 6.Loss of other support income V 7.Just learned about program
D RFB1R2 T GI: 2nd the 1st	2 1749 reason for applying for Food Stamps time	V 8 .Just got around to applying V 9 .Became disabled V 10 .Other, specify
Stamp: refer: repeat subject U All perse; non-rece; Food Star	unstances for applying for Food sthe first time in the 4 month rence period? This variable at some per wave. Its value is sect to change between waves. Sons 15+ reporting a transition from eipt of Food Stamps to receipt of sumps over two consecutive months and ag at least two reasons for this	D RFS1 2 1755 T GI: Reason for stopping Food Stamps the first time Circumstances for stopping receipt of Food Stamps the first time in the 4 month reference period? This variable repeats once per wave. Its value is subject to change between waves. U All persons 15+ reporting a transition from receipt of Food Stamps to por receipt of
Change. V V V V	-1 .Not in universe 2 .Pregnancy/birth of child 3 .Began receiving for another .dependent 4 .Separated or divorced from	receipt of Food Stamps to non-receipt of Food Stamps over two consecutive months and reporting at least one reason for this change.  V -1 .Not in Universe V 1 .Became ineligible because of

DATA	SIZE BEGIN	DATA SIZE BEGIN
V V V V V V V V V V	.increased income  2 .Because of family changes  3 .Still eligible but could/chose .not to collect  4 .Became ineligible because .program requirements not met  5 .Eligibility ran out because of .time limits  6 .Other, specify  2 . 1757	V 3.Began receiving for another V dependent V 4.Separated or divorced from V spouse/parent V 5.Loss of job/wages/other income V 6.Loss of other Support income V 7.Just learned about program V 8.Just got around to applying V 9.Became disabled V 10.Other, specify
T GI: Rease second to Circum F00D to month warial is sull U All persectransition received one rease V V V V V V V V V V V V V V V V V V V	on for stopping Food Stamps the	D RGB2R1 2 1763 T GI: 1st reason applying for General Asst the 2nd time Circumstances for applying for General Assistance the second time in the 4 month reference period? This variable repeats once per wave. Its value is subject to change between waves. U All persons 15+ reporting a second transition from non-receipt of General Assistance to receipt of General Assistance over two consecutive months and reporting at least one reason for this change. V -1 .Not in universe V 2 .Pregnancy/birth of child V 3 .Began receiving for another dependent V 4 .Separated or divorced from .spouse/parent V 5 .Loss of job/wages/other income V 6 .Loss of other support income
V V V D RGB1R1	. time limits 6.0ther, specify 2 1759	V 6.Loss of other support income V 7.Just learned about program V 8.Just got around to applying V 9.Became disabled V 10.Other, specify
T GI: 1st in 1st time Circum Assist referrences subject I All person non-received fenere months at this characteristics V V V V V V V V V V V V V V V V V V V	reason applying for General Asst the  mstances for applying for General tance the first time in the 4 month ence period? This variable ts once per wave. Its value is ct to change between waves. ons 15+ reporting a transition from ipt of General Assistance to receipt al Assistance over two consecutive nd reporting at least one reason for nge1. Not in universe 2. Pregnancy/birth of child 3. Began receiving for another dependent 4. Separated or divorced from spouse/parent 5. Loss of job/wages/other income 6. Loss of other support income 7. Just learned about program 8. Just got around to applying 9. Became disabled 10. Other, specify 2. 1761	D RGB2R2 2 1765 T GI: 2nd reason applying for General Asst the 2nd time Circumstances for applying for General Assistance the second time in the 4 month reference period? This variable repeats once per wave. Its value is subject to change between waves. U All persons 15+ reporting a second transition from non-receipt of General Assistance to receipt of General Assistance over two consecutive months and reporting at least two reasons for this change. V -1 .Not in universe V 2 .Pregnancy/birth of child V 3 .Began receiving for another V dependent V 4 .Separated or divorced from V .spouse/parent V 5 .Loss of job/wages/other income V 6 .Loss of other support income V 7 .Just learned about program V 8 .Just got around to applying V 9 .Became disabled V 10 .Other, specify
T GI: 2nd 1 1st time Circus Assist refere repeat subject U All personon-recei of Genera months an	reason applying for General Asst the mstances for applying for General tance the first time in the 4 month ence period? This variable ts once per wave. Its value is ct to change between waves. ons 15+ reporting a transition from ipt of General Assistance to receipt al Assistance over two consecutive and reporting at least two reasons	D RGS1 2 1767 T GI: Reason for stopping General Assist the 1st time Circumstances for stopping receipt of General Assistance the first time in the 4 month reference period? This variable repeats once per wave. Its value is subject to change between waves. U All persons 15+ reporting a transition from receipt of General Assistance to non-receipt of General Assistance over two consecutive months and reporting at least one reason for this change.

DATA SIZE	BEGI N	DATA	SIZE BEG	IN
V 1 . Becar . incre V 2 . Becar V 3 . Still V . not t V 4 . Becar V . prog V 5 . Elig V . time V 6 . Other	in Universe me ineligible because of eased income use of family changes l eligible but could/chose to collect me ineligible because ram requirements not met ibility ran out because of limits r, specify  1769 topping General Assist the	change. V V V V V V V V V V V	-1 . Not in u 2 . Pregnanc 3 . Began re . depender 4 . Separate . spouse/I 5 . Loss of 6 . Loss of 7 . Just lea	cy/birth of child eceiving for another nt ed or divorced from parent job/wages/other income other support income arned about program c around to applying lisabled
Circumstances General Assist 4 month refervariable repervariable repervariation from Assistance over reporting at least change.  V	for stopping receipt of tance the second time in the ence period? This ats once per wave. Its value change between waves. reporting a second receipt of General n-receipt of General two consecutive months and st one reason for this in Universe me ineligible because of eased income use of family changes I eligible but could/chose to collect me ineligible because ram requirements not met ibility ran out because of limits r, specify  1771  pplying for Other Welfare	the 2nd Circu Welfa refer repea subje U All pers transiti to recei consecut one reas V V V V V V V V V V V V V V V V V V V	time mstances for re the secon ence period? ts once per ct to change ons 15+ repo on from non- pt of Other ive months a on for this -1 . Not in t 2 . Pregnanc 3 . Began re . depender 4 . Separate . spouse/I 5 . Loss of 6 . Loss of 7 . Just lea	rapplying for Other did time in the 4 month This variable wave. Its value is enting a second receipt of Other Welfare Welfare over two and reporting at least change. It was a second receipt of Other Welfare Welfare over two and reporting at least change. In the second receipt of other welfare by birth of child eceiving for another at the second or divorced from the same other support income other support income other support income around to applying disabled
the 1st time Circumstances Welfare the fireference perrepeats once subject to character of the constant of the	for applying for Other irst time in the 4 month iod? This variable per wave. Its value is ange between waves. reporting a transition from ther Welfare to receipt of er two consecutive months least one reason for this in universe nancy/birth of child n receiving for another	D ROB2R2 T GI: 2nd the 2nd Circu Welfa refer repea subje U All pers transiti to recei consecut two reas V V V V V V V V V V V V V V V V V V V	2 1777 reason apply time mstances for re the secon ence period? ts once per ct to change ons 15+ repo on from non- pt of Other ive months a ons for this -1 . Not in to 2 . Pregnance 3 . Began re depender 4 . Separate . spouse/p 5 . Loss of 6 . Loss of 7 . Just lea	ring for Other Welfare r applying for Other d time in the 4 month This variable wave. Its value is e between waves. Orting a second receipt of Other Welfare Welfare over two and reporting at least s change. In iverse cy/birth of child eceiving for another at ed or divorced from barent job/wages/other income other support income around to applying disabled
Circumstances Welfare the fi reference per repeats once j subject to ch U All persons 15+ non-receipt of 0	for applying for Other irst time in the 4 month iod? This variable per wave. Its value is ange between waves. reporting a transition from ther Welfare to receipt of er two consecutive months	first ti Circu Other month varia	me mstances for Welfare the reference p ble repeats	oing Other Welfare the stopping receipt of first time in the 4 period? This once per wave. Its value ange between waves.

```
U All persons 15+ reporting a transition from receipt of Other Welfare to non-receipt of
         Other Welfare over two consecutive months and reporting at least one reason for this
         change.
                                         -1 . Not in Universe

    Not in universe
    Became ineligible because of increased income
    Because of family changes
    Still eligible but could/chose not to collect
    Became ineligible because

                                                                                                                                                                                                     Ÿ
                                            .program requirements not met
5 .Eligibility ran out because of
.time limits
                                             6 . Other, specify
  D ROS2
                                                                       1781
  T GI: Reason for stopping Other Welfare the
T GI: Reason for stopping utner werrare the second time
Circumstances for stopping receipt of Other Welfare the second time in the 4 month reference period? This variable repeats once per wave. Its value is subject to change between waves.
U All persons 15+ reporting a second transition from receipt of Other Welfare to non-receipt of Other Welfare over two consecutive months and reporting at least
          consecutive months and reporting at least
         one reason for this change.
-1 . Not in Universe
1 . Became ineligible because of

    Became ineligible because of increased income
    Because of family changes
    Still eligible but could/chose not to collect
    Became ineligible because program requirements not met
    Eligibility ran out because of time limits

                                            . time limits
6. Other, specify
  D RSB1R1
                                                                      1783
D RSB1R1 2 1783
T GI: 1st reason applying for SSI the 1st time Circumstances for applying for SSI (federal/state) the first time This variable repeats once per wave. Its value is subject to change between waves.
U All persons 15+ reporting a transition from non-receipt of SSI to receipt of SSI over two consecutive months and reporting at least one reason for this change.
V -1.Not in universe
V 2.Became disabled/blind
V 3.0ver 65
                                            3 . Over 65
4 . Other, specify
D RSB1R2 2 1785
T GI: 2nd reason applying for SSI the 1st time Circumstances for applying for SSI (federal/state) the first time This variable repeats once per wave. Its value is subject to change between waves.
U All persons 15+ reporting a transition from non-receipt of SSI to receipt of SSI over two consecutive months and reporting at least two reasons for this change.
V -1 .Not in universe
V 2 .Became disabled/blind
V 3 .Over 65
V 4 .Other, specify
                                                                      1785
                                                                                                                                                                                                     V
V
V
V
V
  D RSB2R1
                                                                    1787
 T GI: 1st reason applying for SSI the 2nd time
Circumstances for applying for
SSI (federal/state) the second time
```

```
This variable repeats once per wave. Its value is subject to change between waves. U All persons 15+ reporting a second transition from non-receipt of SSI to receipt of SSI over two consecutive months and reporting at least one reason for this change
       change.
                               -1 . Not in universe
                                  2 . Became disabled/blind
3 . Over 65
4 . Other, specify
D RSB2R2 2 1789
T GI: 2nd reason applying for SSI the 2nd time Circumstances for applying for SSI (federal/state) the second time This variable repeats once per wave. Its value is subject to change between waves.
U All persons 15+ reporting a second transition from non-receipt of SSI to receipt of SSI over two consecutive months and reporting at least two reasons for this change.
       change.
                                 1 . Not in universe
2 . Became disabled/blind
3 . Over 65
4 . Other, specify
T GI: Reason for stopping SSI the first time
Circumstances for stopping receipt of SSI
the first time in the 4 month reference
period? This variable repeats once
per wave. Its value is subject to change
between waves.

U All persons 15+ reporting a transition from receipt of SSI to non-receipt of SSI over two consecutive months and reporting at
       least one reason for this change.
                               -1 . Not in Universe
1 . Became ineligible because of
                                  .increased income
2 .Because of family changes
3 .Still eligible but could/chose

    . not to collect
    . Became i neligible because
    . program requirements not met
    . Eligibility ran out because of
                                           time limits
                                  6.0ther, specify
D RSS2 2 1793
T GI: Reason for stopping SSI the second time
               Circumstances for stopping receipt of SSI the second time in the 4 month reference period? This variable repeats once per wave. Its value is subject to change
                between waves.
U All persons 15+ reporting a second transition from receipt of SSI to non-receipt of SSI over two consecutive months and reporting at least one reason for
       this change.
                                  1 . Not in Universe
                                  1 . Became ineligible because of increased income
2 . Because of family changes
3 . Still eligible but could/chose

. not to collect
4 . Became ineligible because
. program requirements not met
5 . Eligibility ran out because of

                                           time limits
                                   6.0ther, specify
```

1795

D EAST1A

DA	ATA	SIZE	BEGI N	DATA	SI	ZE	BEGIN
	Did during variabl is subj All person period EPO -1 1	own U the re e repe ect to s 15+ PSTAT	ment savings bonds owned .S. Government savings bonds ference period? This ats once per wave. Its value change between waves. at the end of the reference = 1 in universe	Di d acco Thi s	4. erest o unts vari	Stat impu data 2 bea wn i duri able	1804 ring checking account owned ng the reference period? repeats once per wave. Its
D T	savi ngs	tion f ion fl bonds	1797 lag for EAST1A ag for U.S. Government owned This variable per wave. Its value is ange between waves.	U All per period. V V	sons EPOP	15+ STAT Not Yes	ect`to change between waves. at the end of the reference = 1 in universe
V V V V V V	0 1	. Not . Stat . deck . Col d . Logi . Stat	imputed istical imputation (hot ) deck imputation cal imputation (derivation) istical or logical tation using previous wave	chec repe subj V	ocati catio king ats o ect t 0 . 1 .	on f n fl acco nce o ch Not	1806 lag for EAST2A ag for interest bearing unt owned. This variable per wave. Its value is ange between waves. imputed istical imputation (hot
T	EAST1B AS: IRA or Did the ref repeats subject	Keogh own I erence once to ch	account owned RA or Keough account during period? This variable per wave. Its value is ange between waves.	V V V V V	$egin{pmatrix} 2 & . \\ 3 & . \\ 4 & . \\ & . \end{bmatrix}$	Col d Logi Stat	deck imputation cal imputation (derivation) istical or logical tation using previous wave
V V V	peri od. EP - 1	s 15+ OPSTAT . Not . Yes . No	at the end of the reference = 1 in universe	repe	i ngs o rence ats o	acco wn s per nce	avings accounts during the iod? This variable per wave. Its value is
D T	AS: Alloca Allocat owned.	ts val	lag for EAST1B ag for IRA or Keough account variable repeats once per ue is subject to change	U All per period. V V	EPOP	STAT Not Yes	ange between waves. at the end of the reference = 1 in universe
V V V V V V	0 1 2 3	. Not . Stat . deck . Col d . Logi . Stat	imputed istical imputation (hot ) deck imputation cal imputation (derivation) istical or logical tation using previous wave	owne wave	ocati catio d. T . Its een w 0 . 1 .	on f n fl his val aves Not	imputed istical imputation (hot
D T	AS: 401k o	own 4	1801 ft plan owned 01k or thrift plans during period? This variable per wave. Its value is ange between waves.	V V V V V	2 . 3 . 4 .	Col d Logi Stat	deck imputation cal imputation (derivation) istical or logical tation using previous wave
U V V	period. EP	S 15+ OPSTAT	at the end of the reference = 1 in universe	Di d duri vari	ey ma o ng th able	rket wn m e re repe	1810 deposit account owned oney market deposit accounts ference period? This ats once per wave. Its value change between waves.
D T	AS: Alloca Allocat owned.	tion f ion fl This ts val	1803 lag for EAST1C ag for 401K or thrift plan variable repeats once per ue is subject to change	U All per period. V V V	sons EPOP	15+ STAT Not Yes	at the end of the reference
V V V V	0 1	. Not . Stat . deck	imputed įstical imputation (hot	D AAST2C T AS: All Allo acco	ocati catio unt o	1 on f n fl wned	1812 lag for EAST2C ag for money market deposit . This variable repeats

SIZE BEGIN DATA D AAST3B 1821 T AS: Allocation flag for EAST3B
Allocation flag for stocks owned.
This variable repeats once per wave. Its value is subject to change between waves.

V 0 . Not imputed
V 1 . Statistical imputation (hot V V V V V V . deck) 2 .Cold deck imputation
3 .Logical imputation (derivation)
4 .Statistical or logical . imputation using previous wave D EAST3C 2 1822
T AS: Municipal or corporate bonds owned
Did ... own municipal or corporate bonds
during the reference period? This
variable repeats once per wave. Its value
is subject to change between waves.
U All persons 15+ at the end of the reference
period. EPOPSTAT = 1
V -1 .Not in universe
V 1 .Yes
V 2 .No D AAST3C D AAST3C 1 1824
T AS: Allocation flag for EAST3C
 Allocation flag for municipal or corporate bonds owned. This variable repeats once per wave. Its value is subject to change between waves.
V 0 .Not imputed
V 1 .Statistical imputation (hot deck) 1824 V V V V V . deck)
2 . Cold deck imputation
3 . Logical imputation (derivation)
4 . Statistical or logical . imputation using previous wave . data U All persons 15+ at the end of the reference period. EPOPSTAT = 1 D EAST3D 1825 -1 . Not in universe 1 . Yes D AAST3D 1 1827 T AS: Allocation flag for EAST3D Allocation flag for U. S. Government securities owned. This variable repeats once per wave. Its value is subject to change between waves. 0 . Not imputed 1 . Statistical imputation (hot . deck)

2 . Cold deck imputation

3 . Logical imputation (derivation)

4 . Statistical or logical
. imputation using previous wave V V V V V . data D EAST3E 2 1828 T AS: Mortgage held
Did ... hold mortgages during the reference period? This variable repeats once per wave. Its value is subject to change between waves.
U All persons 15+ at the end of the reference period. EPOPSTAT = 1

D/	ATA SIZE	BEGI N	D/	ATA	SIZE	BEGI N
V V V	1 . Yes	in universe		This va	ri abl e	uring the reference period? repeats once per wave. subject to change between
D T	Allocation f	flag for EAST3E Flag for mortgage held. e repeats once per wave. Its	U V V V	All person period. EP -1	OPSTAT	at the end of the reference = 1 in universe
V	0 . Not 1 . Sta	imputed	D	AAST4C	1	1839
V V V V V V V	2 . dec 2 . Cog 3 . Log 4 . Sta . i mp . dat	ntistical or logical outation using previous wave ca	v	repeats subj ect 0	once to ch . Not	lag for EAST4C ag for other financial wned. This variable per wave. Its value is ange between waves. imputed
D	EAST4A 2	1831	V V V V	1	. Stat . deck	istical imputation (hot
Ť	AS: Rental prop	perty owned	V	2	. Col d	deckimputation
	Did own	rental property during the eriod? This variable	V	3	. Logi	cal imputation (derivation)
	repeats once	e per wave. Its value is	V V	4	. i mpu	istical or logical tation using previous wave
U	All persons 15+	at the end of the reference	V		. data	
<b>1</b> 7	nariad FPOPSTA	T = 1	D	EJNTRNT	2	1840
V	1 . Yes	in universe		spouse		operty jointly owned with
V				Did spouse	own p this m	roperty jointly with's north? This is a monthly
T	AAST4A 1 AS: Allocation	flag for EAST4A		between	month	value is subject to change s.
	Allocation f owned. This wave. Its va between wave	liue is subject to change		All person period who own rental 1 and EAST	prope	at the end of the reference arried spouse present and rty. EPOPSTAT = 1 and EMS =
V	0 . Not	imputed	V	-1	. Not	in universe
$\begin{matrix} V \\ V \\ V \\ V \\ V \end{matrix}$	1 . Sta . dec	ck)	V V	$\frac{1}{2}$	. Yes . No	in universe
V	2 . Col	d deck imputation		AJNTRNT		
V	4 . Sta	gical imputation (derivation) htistical or logical	Τ	AS: Alloca	tion f	lag for EJNTRNT
V	. i mp . dat	outation using previous wave ca		Allocat jointly monthly	ion fl with	lag for EJNTRNT ag for rental property owned spouse. This is a ble. Its value is subject to
D	EAST4B 2		v	change	betwee	n months.
1	AS: Royal ty inc Did have	e any royalties during the	V		. Stat	imputed įstical imputation (hot
	reference pe		V V		. deck	
	subject to c	change between waves.	V	$\tilde{3}$	. Logi	deck imputation cal imputation (derivation)
U	All persons 15+ period. EPOPSTA -1.Not	at the end of the reference	V V	4	. ștat	istical of logical
			V		. data	tation using previous wave
V	1 . Yes 2 . No		D	TJARNT	5	1843
			T	AS: Amount	of gr	oss rent from property joint
U T	AAST4B 1 AS: Allocation	1836 flag for EAST4B		with spous Amount	e of gro	ss rent received this month
	Allocation f	flag for EAST4B Flag for royalty income This variable reports area		from pr	operty	jointly owned with spouse.
		This variable repeats once s value is subject to change		which c	an be	r amount is the total amount disclosed for the four month
V	between wave			referen	ce per	iod. If the sum of the four ater than this max, each
V		atistical imputation (hot		month i	s topc	oded to one quarter of this
V V	. dec	ck) d deck imputation		amount.	Thi s	is a monthlŷ variable. subject to change between
V	ž . Cor 3 . Log	gical imputation (derivation)		months.		
V	4 . Stă	ítistical or logical outation using previous wave	U	All person	s 15+	at the end of the reference ved rent from jointly held
V	. dat		.,	property.	EJNTRN	T = 1
D	EAST4C 2	1837	V V	1: 10900	. None	or not in universe ars
Ť	AS: Other finan	ncial investments owned				
	עם own	any other financial	Ŋ	AJARNT	1	1848

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DATA
                                           SIZE BEGIN
D TOARNT 5 1859
T AS: Amount of gross rent from own property
Amount of gross rent received this month
from property owned entirely in own name.
Maximum dollar amount is the total amount
which can be disclosed for the four month
reference period. If the sum of the four
months is greater than this max, each
month is topcoded to one quarter of this
amount. This is a monthly variable.
Its value is subject to change between
months.
U All persons 15+ at the end of the reference
D TOARNT
                                                               1859
U All persons 15+ at the end of the reference period who received rent from property held in own name. EOWNRNT = 1
V 0 . None or not in universe
V 1: 17400 . Dollars
                                                               1864
T AS: Allocation flag for TOARNT
Allocation flag for amount of gross rent
from property held in own name. This
is a monthly variable. Its value is
subject to change between months.
                                      0 .Not imputed
1 .Statistical imputation (hot
                                              . deck)
                                       2 .Cold deck imputation
3 .Logical imputation (derivation)
4 .Statistical or logical
                                              . imputation using previous wave
D TOACLR
D TOACLR 6 1865
T AS: Amount of net income from own rental property

Net income or loss this month from property owned in own name. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months.
                                                               1865
                  months.
U All persons 15+ at the end of the reference
       period who received rent from rental property held entirely in own name. EOWNRNT
       -5000: 9800 . Dollars
0 . None or not in universe
D AOACLR 1 1871
T AS: Allocation flag for TOACLR
Allocation flag for amount of net income from own rental property. This is a monthly variable. Its value is subject to change between months.
                                      0 .Not imputed
1 .Statistical imputation (hot
                                      . deck)

2 . Cold deck imputation

3 . Logical imputation (derivation)

4 . Statistical or logical
. imputation using previous wave
```

D EJRNT2 1872 T AS: Rent from property owned with others
Did ... receive rental income this month
from property owned jointly with others
(not including spouse)? This is a
monthly variable. Its value is subject to
change between months.
U All persons 15+ at the end of the reference

. data

) P	ATA SIZE BEGIN	DATA	SIZE BEGIN
V	peri od who owned rental property. EPOPSTAT = 1 and EAST4A = 1 -1 . Not uni verse 1 . Yes 2 . No	mo ch V V V V	nthly variable. Its value is subject to ange between months.  0 .Not imputed 1 .Statistical imputation (hot deck) 2 .Cold deck imputation
) [	AJRNT2 1 1874 AS: Allocation flag for EJRNT2 Allocation flag for receipt of rental income owned jointly with others. This is a monthly variable. Its value is subject to change between months.	V V V V D TMI JN	<ul><li>3 . Logical imputation (derivation)</li><li>4 . Statistical or logical</li><li>. imputation using previous wave</li><li>. data</li></ul>
\ \ \ \ \ \	subject to change between months.  0 . Not imputed  1 . Statistical imputation (hot . deck)  2 . Cold deck imputation  3 . Logical imputation (derivation)	T AS: A owned An	mount of interest paid on mortgage with spouse ount of interest paid on mortgage owned intly by and's spouse. Maximum llar amount is the total amount which
V V	4 . Statistical or logical . imputation using previous wave . data  TJACLR2 6 1875	ca re mo mo	n be disclosed for the four month ference period. If the sum of the four nths is greater than this max, each nth is topcoded to one quarter of this ount. This is a monthly variable.
Γ	AS: Amount of net income from rental property with others  Net income or loss this month from rental property owned jointly with others (not	It mo U All p perio	s value is subject to change between nths. ersons 15+ at the end of the reference d who held jointly owned mortgages with
	including spouse). Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this max. each month is	V 1	e. EMRIJNT = 1 0 .None or not in universe :7100 .Dollars T 1 1890
J	topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months. All persons 15+ at the end of the reference	T AS: A	llocation flag for TMIJNT location flag for amount of interest on intly held mortgages. This is a nthly variable. Its value is subject to ange between months.
V	period who received rent from rental property held jointly with others. EPOPSTAT = 1 and EJRNT2 = 1 -4000: 24000 . Dollars 0 . None or not in universe	V V V V	ange between months.  0 .Not imputed  1 .Statistical imputation (hot  .deck)  2 .Cold deck imputation
) [	AJACLR2 1 1881 AS: Allocation flag for TJACLR2 Allocation flag for net amount of rental	V V V V	3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data
J	income from property held jointly with others. This is a monthly variable. Its value is subject to change between months.	D EMRTO T AS: M Di	WN 2 1891 brtgages held in own name d hold mortgages in's own name? is is a monthly variable. Its value
V V V	0 .Not imputed 1 .Statistical imputation (hot .deck) 2 .Cold deck imputation 3 .Logical imputation (derivation)	U All p perio	subject to change between months. ersons 15+ at the end of the reference d who hold mortgages. EPOPSTAT = 1 and E = 1
V V	4 .Stātistical or logical .imputation using previous wave .data	V V V	- 1 . Not uni verse 1 . Yes 2 . No
) [	EMRTJNT 2 1882 AS: Mortgage owned jointly with spouse Did own mortages jointly with spouse in this month? This is a monthly variable. Its value is subject to change between months.	Al na va	WN 1 1893 Illocation flag for EMRTOWN location flag for mortgages held in own me. This is a monthly variable. Its lue is subject to change between nths.
J	All persons 15+ at the end of the reference period who are married spouse present and hold mortgages. EPOPSTAT = 1 and EMS = 1 and EAST3E = 1	V V V	0 .Not imputed 1 .Statistical imputation (hot .deck) 2 .Cold deck imputation
V V	-1 . Not universe 1 . Yes 2 . No  AMRTJNT 1 1884	V V V V	<ul><li>3 . Logical imputation (derivation)</li><li>4 . Statistical or logical</li><li>. imputation using previous wave</li><li>. data</li></ul>
Γ	AMRTJNT 1 1884 AS: Allocation flag for EMRTJNT Allocation flag for mortgages held jointly with spouse. This is a	D TMI OV T AS: A An	N 5 1894 mount of interest paid on own mortgage ount of interest paid on mortgage owned

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entirely in own name. Maximum dollar
entirely in own name. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months.

U All persons 15+ at the end of the reference period who held solely owned mortgages. EMRTOWN = 1

V 0. None or not in universe
V 1:6600. Dollars
                  1:6600 . Dollars
D AMIOWN 1 1899
T AS: Allocation flag for TMIOWN
   Allocation flag for amount of interest on mortgages held in own name. This is a monthly variable. Its value is subject to change between months.

V 0 .Not imputed
V 1 .Statistical imputation (hot .deck)
                                     . deck)
                               2. Cold deck imputation
3. Logical imputation (derivation)
4. Statistical or logical
                                      . imputation using previous wave
    TRNDUP1 5 1900
AS: Amount of income from royalties
Income received from royalties. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable.

Its value is subject to change between
 D TRNDUP1
               Its value is subject to change between
 U All persons 15+ at the end of the reference period with royalty income. EPOPSTAT = 1 and
                               0 . None or not in universe
               1:13200 . Dollars
T AS: Allocation flag for TRNDUP1
Allocation flag for income received from royalties. This is a monthly variable. Its value is subject to change between months.
               between months.
                               0 .Not imputed
1 .Statistical imputation (hot
                               deck)

Cold deck imputation

Logical imputation (derivation)

Statistical or logical
                                      .imputation using previous wave
                                      . data
 D TRNDUP2
                                                    1906
 T AS: Amount of other income from financial
       investments
              Income received from other financial investments. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the
               sum of the four months is greater than
              this max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to
               change between months.
```

U All persons 15+ at the end of the reference period with other asset ownership. EPOPSTAT = 1 and EAST4C = 1

```
V -5000: 19000 . Dollars
V 0 . None or not in universe
D ARNDUP2
                                                  1912
T AS: Allocation flag for TRNDUP2.
Allocation flag for income received from other asset ownership. This is a monthly variable. Its value is subject to change between months.
               change between months.
                              0 .Not imputed
1 .Statistical imputation (hot
                                    . deck)
                              2 . Cold deck imputation3 . Logical imputation (derivation)4 . Statistical or logical
                                    . imputation using previous wave
D TOTHPROP
                                                  1913
T AS: Amount of total other property income
The sum of TJACLR, TOACLR, TJACLR2,
TM JNT, TM OWN, TRNDUP1, and TRNDUP2.
This is a monthly variable. Its value is
subject to change between months.

U All persons 15+ at the end of the reference
period with ownership of rental property
and/or mortgages held and/or royalties
and/or other asset ownership. FPOPSTAT = 1
     and/or other asset ownership. EPOPSTAT = 1
and (EAST3E = 1 and/or EAST4A = 1 and/or
EAST4B = 1 and/or EAST4C = 1)
-3250: 9999999 . Dollars
                              0 . None or not in universe
D ECKJT
                                               1920
T AS: Jointly owned interest bearing checking account
              Did ...
              Did ... have an interest bearing checking account held jointly with ...'s spouse? This is a monthly variable. Its value
is subject to change between months.

U All persons 15+ at the end of the reference period who are married spouse present and own an interest bearing checking account<BR>
EPOPSTAT = 1 and EMS = 1 and EAST2A = 1
                           -1 . Not in universe
1 . Yes
2 . No
D ACKJT
                                                  1922
T AS: Allocation flag for ECKJT
Allocation flag for jointly owned
interest bearing checking account.
This is a monthly variable. Its value is
subject to change between months.
                              0 .Not imputed
1 .Statistical imputation (hot
                                    . deck)
                               2 .Cold deck imputation
3 .Logical imputation (derivation)
4 .Statistical or logical
                                       imputation using previous wave
D TCKJTINT 5 1923
T AS: Amount of mnthly interest from joint checking account

Monthly amount of interest from joint checking account. Maximum dollar amount is the total amount which can be
D TCKJTINT
                                                  1923
               is the total amount which can be
disclosed for the four month reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months.

U All persons 15+ at the end of the reference
```

DA	ATA SIZE BEGIN	DATA	SIZE	BEGI N	
VV	period who are married spouse present and jointly own an interest bearing checking account. EPOPSTAT = 1 and EMS = 1 and ECKJT = 1  0 .None or not in universe 1:220 .Dollars	cl V: b: V	hecking acco ariable. Its etween month 0.Not	owned interest bea bunts. This is a s value is subject is. imputed istical imputatio	monthly to change
D	ACKJTINT 1 1928 AS: Allocation flag for TCKJTINT. Allocation flag for amount of interest received from jointly held interest	V V V V V	. deck 2 . Col d 3 . Logi 4 . Stat	i)   deck imputation   cal imputation (d   istical or logica  tation using prev	leri vati on) l
V V V V V V	bearing checking account. This is a monthly variable. Its value is subject to change between months.  0 .Not imputed 1 .Statistical imputation (hot deck) 2 .Cold deck imputation 3 .Logical imputation (derivation) 4 .Statistical or logical imputation using previous wave data	accor D: w: v: b: U All	Ownership of unt id own a ith's sp ariable. Its etween month persons 15+	1938 ignitizes jointly held save a savings account gouse? This is a saving action of the parried spouse preserved.	jointly monthly to change
D	ECKOAST 2 1929 AS: Solely owned interest bearing checking account	have	a savings a	in universe	= 1 and EMS
U	Did own an interest bearing checking account in's own name? This is a monthly variable. Its value is subject to change between months.  All persons 15+ at the end of the reference period who owned an interest bearing checking account. EPOPSTAT = 1 and EAST2A =	D ASVJ T AS: A h	T 1 Allocation f Ilocation fl eld savings onthly varia	1940 lag for ESVJT ag for ownership account. This is ble. Its value is	of jointly a subject to
V V V	1 . Yes	V V	1 . Stat	imputed istical imputatio	
D T	ACKOAST 1 1931 AS: Allocation flag for ECKOAST Allocation flag for ownership of interest bearing checking account in own name. This is a monthly variable. Its value is subject to change between months.	V V V V V	4 . Stat . i mpu . data		ıl
V V V V V V V	0 .Not imputed 1 .Statistical imputation (hot	T AS: A savi i Savi i M ho ai di pi gg	ngs account onthly amoun eld savings mount is the isclosed for eriod. If th reater than	onthly interest on at of interest fro account. Maximum total amount whi the four month r he sum of the four this max, each mo	om jointly dollar ch can be reference months is
D T	AS: Amount of monthly interest from own checking account  Monthly amount of interest from solely owned checking account. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is	Ti is U All j perio	his is a mon s subject to persons 15+ od who are m joint owner STAT = 1_and	one quarter of thin the property of the proper	s value on the reference esent and eccount.
U	greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months.  All persons 15+ at the end of the reference period with solely owned interest bearing checking accounts. EPOPSTAT = 1 and ECKOAST = 1		Allocation f llocation fl ncome from j his is a mon s subject to	1946 lag for TSVJTINT ag for amount of ointly held savin thly variable. It o change between n imputed	igs account. s val ue
V V	0: 440 . Dollars	V V V	1 . Stat . deck	istical imputatio	on (hot
D T	ACKOINT 1 1937 AS: Allocation flag for TCKOINT. Allocation flag for amount of interest	V V V V	3 . Logi 4 . Stat	cal imputation (d istical or logica itation using prev	ıİ

DA	ATA	SIZE	BEGI N	DA	ATA	SIZE	BEGIN
V		. data	a	V	:	2 . No	
D T	AS: Owners Did	ship on own sown name. Its	1947 f solely held savings account savings accounts solely in me? This is a monthly savinge accounts subject to change		Allocat held m This is	tion f oney m s a mo	1958 flag for EMDJT lag for ownership of jointly arket deposit account. nthly variable. Its value is hange between months.
V V V	All person peri od who = 1 and EA - 1 1	s 15+ have ST2B . Not . Yes . No	at the end of the reference a savings account. EPOPSTAT = 1 in universe	V V V V V V		0 . Not 1 . Sta . dec 2 . Col 3 . Log 4 . Sta . imp	imputed tistical imputation (hot k) d deck imputation ical imputation (derivation) tistical or logical utation using previous wave
	Al l ocat account	tion ion f	flag for ESVOAST. lag for ownership of savings wn name. This is a	V D T	TMDJTI NT AS: Amount	. dat 5 t of m	a 1959 onthly interest on joint
V V V V V V	0 1 2 3	. Not . Sta . decl . Col . Log . Sta	d deck imputation ical imputation (derivation) tistical or logical utation using previous wave		money mark Monthly money in dollar can be referen months month amount	ket y amou market amoun discl nce pe is gr is top Thi lue is	nt of interest from joint deposit account. Maximum t is the total amount which osed for the four month riod. If the sum of the four eater than this max, each coded to one quarter of this s is a monthly variable. subject to change between
D T	Monthly owned s	count amou aving	1950 onthly interest from own nt of interest from solely s account. Maximum dollar,		All person period who have a joi account. I = 1	ns 15+ o are intly EPOPST	at the end of the reference married spouse present and owned money market deposit AT = 1 and EMS = 1 and EMDJT
	disclos period. greater topcode This is is subj	sed for If the than ed to a more ect to	e total amount which can be r the four month reference he sum of the four months is this max, each month is one quarter of this amount. hthly variable. Its value o change between months.	V V D T	AMDJTINT AS: Alloca Allocat from j	0.Dol 1 ation tion f ointly	1964 flag for TMDJTINT lag for amount of interest held money market deposit
v	period wit EPOPSTAT =	h sole 1 an	at the end of the reference ely owned savings account. d ESVOAST = 1 e or not in universe	v	Its val	lue is	is is a monthly variable. subject to change between imputed
V		Dol 1		V		1 . Sta . dec	tistical imputation (hot k)
T	Inis is	tion i ion f lely l a mon	1955 flag for TSV0INT lag for amount of interest neld savings account. nthly variable. Its value is nange between months.	V V V V		3 . Log 4 . Sta	d deck imputation ical imputation (derivation) tistical or logical utation using previous wave a
V V V	(	. Not . Sta	imputed tistical imputation (hot	D T	EMDOAST AS: Solely account	y owne	1965 d money market deposit
V V V V V	3	Log Sta	d deck imputation ical imputation (derivation) tistical or logical utation using previous wave	U	Did in vari abl between All person	s own le. It n mont ns 15+	money market deposit account name? This is a monthly s value is subject to change hs. at the end of the reference a money market deposit
	account Di d	y own	1956 ed money market deposit a money market deposit tly_with's spouse?	V V V	account.	EPOPST	AT = 1 and EAST2C =1 in universe
U	This is subject All person period who who own a	a mon to clas 15+ are monev	nthly variable. Its value is nange between months. at the end of the reference married spouse present and market deposit account.	D T	a mont	narket hlv va	1967 flag for EMDOAST lag for sole ownership of deposit account. This is riable. Its value is subject
V	EPOPSTAT = - 1	: 1 an	d EMS = 1 and EAST2C = 1 in universe	V V	to cha	nge be 0 .Not	tween months. imputed tistical imputation (hot

DATA	SIZE	BEGI N	]	DATA	SIZE BEGI	N
mark O W Y I M a a I U All peri	3. Log 4. Sta . imp . dat  INT 5 Amt of mont t deposit bothly amou wned money axi mum doll hich can be eference pe onths is gr onth is top mount. Thi ts value is onths. persons 15+ od with sol	d deck imputation derivated imputation (derivated imputation (derivated imputation) derivated imputation using previous and 1968 and of interest from own and of interest from somarket deposit account ar amount is the total and is closed for the four edicated to one quarter of sis a monthly variable subject to change between the end of the refely owned money market	money lely amount ur month le four each of this e. ween	dollar can be referen months month is amount, Its val months.	amount is disclosed nce period. is greater is topcoded This is lue is subj ns 15+ at to are marri tly owned c = 1 and EMS 0. None or 0. Dollars  1 1982 ation flag tion flag fo ointly held y variable. between mo	of deposit. Maximum the total amount which for the four month If the sum of the four than this max, each to one quarter of this a monthly variable. ect to change between he end of the reference ed spouse present and ertificates of deposit. = 1 and ECDJT = 1 not in universe  for TCDJTINT or amount of interest CDs. This is a Its value is subject to nths.
V depo	sit account	t. EPOPSTAT =1 and EMDO ne or not in universe	OAST = 1	V V V	0 .Not impu 1 .Statisti .deck)	ted cal imputation (hot k imputation
T AS:	rom solely ccount. Th	1973 flag for TMDOINT lag for amount of inte owned money market dep is is a monthly varial s subject to change bet	erest V oosit V ole.	<b>V</b> :	3 . Logi cal 4 . Stati sti	imputation (derivation) cal or logical on using previous wave
V V V V V V V	onths. 0 . Not 1 . Sta . dec 2 . Col 3 . Log 4 . Sta	imputed tistical imputation (h k) d deck imputation dical imputation (derivation) dical imputation (derivation)	oot vation) l s wave	T AS: Solely Did in variable between J All person period who EPOPSTAT	y owned cer own any c s own name le. Its val n months. ns 15+ at t o own certi = 1 and EAS 1 .Not in u	tificates of deposit ertificates of deposit? This is a monthly ue is subject to change he end of the reference ficates of deposit. T2D = 1
D j m	Jointly own id own ointly with onthly vari	1974 led certificates of deposition of the certificates of deposition of the certificates of the certifica	oosit t I s a I	V S D ACDOAST Γ AS: Alloca Allocat	tion flag f	for ECDOAST. or solely owned
U All peri	od who are certificate	en months at the end of the ref married spouse present ss of deposit. EPOPSTAT LEAST2D = 1	; and ' = 1	certifi monthly change	icates of d y variable. between mo O .Not impu	eposit. This is a Its value is subject to nths.
V V V	-1 . Not 1 . Yes 2 . No	in universe	, , ,	V V V V	. deck) 2 . Col d dec 3 . Logi cal 4 . Stati sti	k imputation imputation (derivation) cal or logical
m m	Allocation Ilocation f ertificates	1976 flag for ECDJT flag for joint ownershi s of deposit. This is able. Its value is sub-	p of	V V D TCDOINT I AS: Amount owned CDs	. data 5 1986	on using previous wave y interest from solely
V V V V V V V	0 . Not 1 . Sta . dec 2 . Col 3 . Log 4 . Sta	imputed tistical imputation (h k) d deck imputation dical imputation (derivitation) tical imputation (derivitation) tistical or logical butation using previous	ation)	Monthly owned of dollar can be referenments month amount.	certificate amount is disclosed nce period is greater is topcoded This is	interest from solely s of deposit. Maximum the total amount which for the four month If the sum of the four than this max, each to one quarter of this a monthly variable.
CDs	Amount of m	1977 nonthly interest from joint of interest from joint		months. J All person	ns 15+ at t	he end of the reference wned certificates of 1 and ECDOAST = 1

D	ATA SIZE BEGIN	DATA	SIZE	BEGI N
D	0 . None or not in universe 1:3300 . Dollars  ACDOINT 1 1991 AS: Allocation flag for TCDOINT Allocation flag for amount of interest from solely owned CDs. This is a	V V V V	3 . Logi 4 . Stat . i mpi . data	
V V V V V V	change between months.	T AS: So bonds Di o i n vai	down r	I municipal or corporate municipal or corporate bonds name? This is a monthly s value is subject to change
V	. data	U All po period corpor V V	ersons 15+ d with owner rate bonds. -1 .Not 1 .Yes	at the end of the reference ership of municipal or EPOPSTAT = 1 and EAST3C = 1 in universe
T	AS: Jointly owned municipal or corporate bonds Did own municipal or corporate bonds jointly with's spouse? This is a monthly variable. Its value is subject to change between months.	ши	llocation f location fl nicipal or	2003 Flag for EBDOAST ag for sole ownership of corporate bonds. This is riable. Its value is subject
	All persons 15+ at the end of the reference period who are married spouse present and own municipal or corporate bonds. EPOPSTAT = 1 and EMS = 1 and EAST3C = 1	V V V	change bet 0 . Not 1 . Stat	tween months. imputed cistical imputation (hot
V V V	1 . Yes 2 . No	V V V V	4.Stat .impt	d deck imputation cal imputation (derivation) cistical or logical utation using previous wave
VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV	ABDJT 1 1994 AS: Allocation flag for EBDJT. Allocation flag for ownership of jointly held municipal or corporate bonds. This is a monthly variable. Its value is subject to change between months.  0 .Not imputed 1 .Statistical imputation (hot .deck) 2 .Cold deck imputation 3 .Logical imputation (derivation) 4 .Statistical or logical .imputation using previous wave .data	T AS: Ai muni ci Moi muni doi cai rei moi moi am It:	ipal bonds athly inter aicipal or llar amount a be disclo ference per aths is gro ath is topo ount. This	
DT	TBDJTINT 5 1995 AS: Amnt of monthly interest from joint municipal bonds  Monthly amount of interest from jointly held municipal or corporate bonds.  Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months.	U All period corporation of the period corporation of the period of the	ersons 15+ d with sole rate bonds.  0 None 12800 Doll  T 1 llocation flocation fined municip is is a mon	at the end of the reference ely owned municipal or EPOPSTAT = 1 and EBDOAST = e or not in universe ars  2009 Flag for TBDOINT ag for interest from solely bal or corporate bonds. hthly variable. Its value is hange between months.
U V V	All persons 15+ at the end of the reference period with jointly owned municipal or corporate bonds. EPOPSTAT = 1 and EBDJT = 1 0 .None or not in universe 1:10000 .Dollars	V V V V V	0 . Not 1 . Stat . deck 2 . Colo 3 . Logi	imputed istical imputation (hot
D T	ABDJTINT 1 2000 AS: Allocation flag for TBDJTINT Allocation flag for interest from jointly held municipal or corporate bonds. This is a monthly variable. Its value is subject to change between months.	V V D EGVJT T AS: Jo	.impu .data 2 ointly owne	ıtation using previous wave
V V V	0 . Not imputed 1 . Statistical imputation (hot . deck)	joi moi	intly with	's spouse? This is a able. Its value is subject to

UF	AIA SIZE	DEGIN	DATA	512	LE .	DEGI N
U V V	peri od who are n own U. S. Govern 1 and EMS = 1 and	at the end of the reference married spouse present and nment securities. EPOPSTAT = nd EAST3D = 1 in universe	V V V V	monthly va change bet 0 . N 1 . S 2 . 0	ari al tweed lot i Stati leck) Col d	imputed istical imputation (hot ) deck imputation
D T	S. Government	lag for joint ownership of U. t securities. This is a	V V V	. i . d	mput lata	cal imputation (derivation) istical or logical tation using previous wave
V	0 . Not	able. Its value is subject to en months. imputed tistical imputation (hot	T AS	curities Monthly an	f moi nount	2022 nthly int from own US Govt t of interest from solely
V V V V V	. deci 2 . Colo 3 . Log 4 . Sta . i mp . data	d deck imputation ical imputation (derivation) tistical or logical utation using previous wave		dollar amo can be dis reference months is month is t	ount sclos peri grea topco	vernment securities. Maximum is the total amount which sed for the four month iod. If the sum of the four ater than this max, each oded to one quarter of this is a monthly veriable.
	securi ti es	onthly int from joint US Govt	U Al	Its value months. l persons 1	is s l5+ a	is a monthly variable. subject to change between at the end of the reference
	U.S. governm dollar amount can be disclo	nt of interest from joint ent securities. Maximum t is the total amount which osed for the four month riod. If the sum of the four	y V V	curities. <u>F</u>	EPOPS Vone	ly owned U.S. government STAT = 1 and EGVOAST = 1 or not in universe ars
	months is great month is tope amount. This Its value is months.	eater than this max, each coded to one quarter of this s is a monthly variable. subject to change between	D AG T AS	: Allocation Allocation from solel securities	onfl ifla yoy s.	2027 lag for TGVOINT ag for amount of interest wned U.S. Government This is a monthly
	period who are i	+ at the end of the reference married spouse present with .S. government securities. d EMS = 1 and EGVJT = 1	V V	variable. between mo 0 . N	Its onth ot i	value is subject to change
V		e or not in universe	V V V V	. d 2 . 0	leck) Col d	
Ϋ́	AS: Allocation is Allocation fi	flag for TGVJTINT lag for amount of interest owned U.S. Government This is a monthly	V V	. i . d	mput lata	tation using previous wave
V	between montl 0 . Not	s value is subject to change	Ť ĀS	: Amount of Sum of TCK TSVOINT, T	fall KJTII FMDJ	LOLO I interest income NT, TCKOINT, TSVJTINT, FINT, TMDOINT, TCDJTINT, FINT, TBDOINT, TGVJTINT, and
V V V	. decl 2 . Col 3 . Log	k) d deck imputation ical imputation (derivation)	TI A1	TGV0INT. Its value months.	This	s is a monthly variable. subject to change between
V	. i mpi . data		pe fo ma	riod with o llowing acc rket deposi	owner count t, c	at the end of the reference rship of one or more of the ts: checking, savings, money certificates of deposit,
	AS: Solely owned Did own in 's own variable. Its	2019 d U.S. Government securities U.S. Government securities name? This is a monthly s value is subject to change	Go (E 1	vernment se AST2A =1 an and/or EAST ST3D = 1)	ecuri nd/or F2D =	porate bonds, U. S. ities. EPOPSTAT = 1 and r EAST2B = 1 and/or EAST2C = = 1 and/or EAST3C =1 and/or
	All persons 15+ period with own securities FPO	ns. at the end of the reference ership of U.S. government PSTAT = 1 and EAST3D = 1	V	1: 999999 . I ANYCHK 2	ol l a	
V V V	-1 . Not 1 . Yes 2 . No	in universe	T AS	: Di vi dend tual funds Di d re	ched ecei v	ck from joint/sole owned ve any dividend check from
D T	AGVOAST 1 AS: Allocation : Allocation f	2021 flag for EGVOAST lag for sole ownership of U.		funds. Th	nis i	y or solely owned mutual is a monthly variable. subject to change between

DATA SIZE BEGIN Allocation flag for amount of dividends from solely held mutual funds. This is a monthly variable. Its value is subject to change between months.

0 . Not imputed
1 . Statistical imputation (hot V V V V V V V V . deck)
2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical . imputation using previous wave . data D EMOTHDIV 2049 T AS: Dividends credited against margin Did ... have any dividends credited against a margin account or reinvested for mutual funds. This is a monthly variable. Its value is subject to change between months. U All persons 15+ at the end of the reference period with ownership of mutual funds. EPOPSTAT = 1 and EAST3A = 1

V -1 . Not in universe
V 1 . Yes
V 2 . No D AMDIHDIV 1 2051
T AS: Allocation flag for EMOTHDIV
Allocation flag for dividends credited against a margin account. This is a monthly variable. Its value is subject to change between months.
V 0 .Not imputed
V 1 .Statistical imputation (hot deck) D AMOTHDIV . deck)
2 . Cold deck imputation V V V V V 3 . Logical imputation (derivation)
4 . Statistical or logical
.imputation using previous wave . data D TMJADI V AS: Amount of dividends credited to joint AS: Amount of dividends credited to joint margin account

Monthly amount of dividends credited against a margin account or reinvested for mutual funds earned jointly. Maximum dollar amount is the total amount which can be disclosed for the four month reference period. If the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. This is a monthly variable. Its value is subject to change between months. months. U All persons 15+ at the end of the reference period who are married spouse present with margin dividends. EPOPSTAT = 1 and EMS = 1 and EMOTHDIV = 1

0 . None or not in universe
1: 2800 . Dollars D AMJADIV 1 2057
T AS: Allocation flag for TMJADIV
Allocation flag for amount of dividends credited against a jointly held margin account. This is a monthly variable. Its value is subject to change between months. 0 . Not imputed

1 . Statistical imputation (hot

2 . Cold deck imputation 3 . Logical imputation (derivation)

. deck)

D/	ATA SIZE	BEGI N	D	ATA	SIZE	BEGI N
	. i mpu . data TMOWNADV 5	tistical or logical utation using previous wave a 2058 ividends credited to own		peri od. greater topcode	If the the desired to detect the desired to	the four month reference ne sum of the four months is this max, each month is one quarter of this amount. or thly variable. Its value or change between months.
	margin account Monthly amour against a mar for mutual fu name. Maximur amount which four month re of the four r max, each mor	nt of dividends credited rgin account or reinvested unds held solely in's m dollar amount is the total can be disclosed for the eference period. If the sum months is greater than this nth is topcoded to one his amount. This is a	V V D	All person period who receiving EPOPSTAT = 0 1:3100 ASJNTDIV AS: Alloca Allocat	s 15+ are n divide 1 and None Doll tion f	at the end of the reference married spouse present and end checks from stocks.  I EMS = 1 and ESANYCHK = 1 or not in universe ars  2072 Clag for TSJNTDIV ag for amount of dividends
U	monthly varia change betwee All persons 15+ period with mars	able. Its value is subject to en months. at the end of the reference gin dividends. EPOPSTAT = 1	v	receive This is subject	d for a mor to ch . Not	jointly held stocks. ithly variable. Its value is lange between months. imputed
V V		e or not in universe	V V V	2	. deck	istical imputation (hot )   deck imputation   cal imputation (derivation)
D T	Allocation fl	flag for TMOWNADV lag for amount of dividends	V V V	4	. i mpu . data	itation using previous wave
	value is subj months.	margin account held in own is a monthly variable. Its ject to change between		stocks	of di	2073 vidend check for solely held
V V V V V V		d deck imputation		sol el y i s the di scl os	held s total sed for	at of dividend check for stocks. Maximum dollar amount amount which can be the four month reference
V V V		ical imputation (derivation) tistical or logical utation using previous wave a		greater topcode This is	than d to d a mor	ne sum of the four months is this max, each month is one quarter of this amount. Its value o change between months.
	held stocks	2064 eck for jointly or solely	U V	All person period rec stocks. EP	is 15+ cei vi ng OPSTAT	at the end of the reference dividend checks from = 1 and ESANYCHK = 1 or not in universe
	either jointl This is a mor	ive any dividend check from ly or solely owned stocks? nthly variable. Its value o change between months.	V	1: 4600 ASOWNDI V	Doll .	ars 2078
	All persons 15+ period with owne 1 and EAST3B = 1	at the end of the reference ership of stocks. EPOPSTAT = 1	Ť	AS: Allocat Allocat receive	tion fion fl dion fl	Flag for TSOWNDIV ag for amount of dividends a solely held stocks.
V V V	1 . Yes	in universe	V	subj ect 0	to ch	othly variable. Its value is name between months. imputed istical imputation (hot
D T	ASANYCHK 1 AS: Allocation f Allocation fl	2066 flag for ESANYCHK lag for div <u>i</u> dends checks	V V V	2	. deck	
V	received from monthly varia change betwee	m stocks. This is a able. Its value is subject to en months.	V V V	4	. Stat	istical or logical Itation using previous wave
V V V V	1 . Stat . deck 2 . Col o	ď deck imputation		ESOTHDIV AS: Divide Did	nds cr	2079 edited to margin account ve any dividends credited
V V V V	4 . Stat	ical imputation (derivation) tistical or logical utation using previous wave		agai nst for sto	a mar cks? e. Its	rgin account or reinvested This is a monthly s value is subject to change
D	TSJNTDIV 5 AS: Amount of di	a 2067 ividend check fromjointly		All person perios wit 1 and EAST	s 15+ h owne '3B = 1	at the end of the reference ership of stocks. EPOPSTAT =
	jointly held	nt of dividend check for stocks. Maximum dollar e total amount which can be	V V V	- 1 1 2	. Not . Yes . No	in universe

```
0 . Not imputed
                     1 . Statistical imputation (hot . deck)
                     2. Cold deck imputation
3. Logical imputation (derivation)
4. Statistical or logical
                         . imputation using previous wave
D TDIVINC 5 2094
T AS: Total amount of all dividend income Sum of TMJNTDIV, TMDWNDIV, TMJADIV, TMDWNADV, TSJNTDIV, TSOWNDIV, TSJADIV, and TSOWNADV. This is a monthly variable. Its value is subject to change
          between months.
U All persons 15+ at the end of the reference period with ownership of mutual funds and/or stocks. EPOPSTAT = 1 and (EAST3A =1 and/or EAST3B = 1)

V 0 None or not in universe
         0 . None or not in universe
1:99999 . Dollars
D ECRMTH 2 2099
T HI: Medicare coverage in this month
Was ... covered by medicare in this
month? This is a monthly variable.
          Its value is subject to change between
         months.
U All persons 15+ at the end of the reference period. EPOPSTAT = 1
                   -1 . Not in universe
1 . Yes, covered
2 . No, not covered
D ACRMI'H
T HI: Allocation flag for ECRMTH
Allocation flag for medicare coverage.
This is a monthly variable. Its value is subject to change between months.

V
0.Not imputed
V
1.Statistical imputation (both
                     1 . Statistical imputation (hot
                         . deck)
                     2 .Cold deck imputation
3 .Logical imputation (derivation)
4 .Statistical or logical
                         . imputation using previous wave
                         . data
D RMEDCODE
                                  2102
T HI: Type of Medicare Coverage
This variable repeats once per wave.
Its value is subject to change between
U All persons receiving medicare ECRMTH = 1
                   -1 . Not in universe
                     1 . Retired or disabled worker
                     2 . Spouse of retired or disabled
                     . worker
3 . Widow of retired or disabled
                         . worker
                         . Adult disabled as a child
                     5 . Uni nsured
                     7. Other or invalid code
9. Missing code
                                  2104
T HI: Medicaid coverage in this month
Was ... covered by Medicaid in this
month? This is a monthly variable.
          Its value is subject to change between
         months.
U All persons
                   -1 . Not in universe
1 . Yes, covered
```

D/	ATA SI ZE	BEGIN	D	ATA	SIZ	E BEGIN
V	·	not covered	V			mputation using previous wave ata
T	HI: Allocation Allocation f This is a mo	2106 flag for ECDMTH lag for medicaid coverage. nthly variable. Its value			2 d b	2119 y own plan or someone else's
V V V V V	is subject t 0 .Not 1 .Sta .dec 2 .Col 3 .Log	o change between months. imputed tistical imputation (hot k) d deck imputation ical imoutation (derivation)	Ų	Was the cov else's variabl is subj	ere pla e r ect s	verage in's own name or was d as a family member on someone n, both or neither? This epeats once per wave. Its value to change between waves.
V	4 . Sta . i mp . dat ECDUNT1 3		V V V V	3	. C	overed in own name overed by someone else's plan overed both in own name and by omeone else's plan ot covered
Ť	HI: 1st Medicai	d coverage unit for this	•			2121
	belonged to reference pe variable. It between mont	id coverage unit this person in this month of the riod. This is a monthly s value is subject to change hs.		Allocat or some repeats subject	i on one on to	n flag for EHIOWNER flag for covered by own plan else's plan. This variable ce per wave. Its value is change between waves.
V		in universe	V V V	0	. N	ot imputed tatistical imputation (hot
V D T	ECDUNT2 3	icaid coverage unit 2110 d coverage unit for this	V V V	2 3 4	. C . L . S	eck) old deck imputation ogical imputation (derivation) tatistical or logical
	month Second medic	aid coverage unit this person in this month of the riod. This is a monthly	V		. d	ata
	variable. It between mont	s value is subject to change		ENONHH HI: Covere household		y plan owned by person outside
U V V	All persons -1.Not	in universe icaid coverage unit		Wasc of some the hou	sen	red by a health insurance plan who does not currently live in old This variable repeats ave. Its value is subject to
	HI: 3rd Medicai month	2113 d coverage unit for this		change All person for Wave 1	bet s N	ween waves. OTE: This variable is undefined
	belonged to reference pe	id coverage unit this person in this month of the riod. This is a monthly s value is subject to change	VV	2	. Y	
U V	All persons	in universe		HI: Milita this month	ry	related health care coverage in vered by CHAMPUS, CHAMPVA/VA or
V D	1: 240 . Med EHI MTH 2	icaid coverage unit _2116		militar month? Its yal	y h Th	ealth care coverage in this is is a monthly variable. is subject to change between
1	this month Was cove plan other t This is a mo	Ith insurance coverage in  red by a health insurance han medicare, medicaid? nthly variable. Its value is	U	CHAMPUS or Persons cu spouses an	CH rre d u	reported as military, VA, AMPVA health care coverage. 2. ntly in Armed Forces, their nmarried children under 21. 3.
U V V	All persons 1 . Yes	hange between months. , covered not covered		spouses an Widows of	d u vet:	ving military retirement, their nmarried children under 21. 4. s and unmarried children under n 21 to 23 currently enrolled
	insurance co	lag for private health verage. This is a monthly	V V V	- 1 1 2	. Y	
V V	between mont 0 .Not 1 .Sta	imputed tistical imputation (hot		this month First h	eal	h insurance coverage unit for th insurance coverage unit this
V V V V	. dec 2 . Col 3 . Log 4 . Sta	k) d deck imputation ical imputation (derivation) tistical or logical		referen	ce e.	onged to in this month of the period. This is a monthly lts value is subject to change nths.

DATA SIZE BEGIN who carried health insurance in their own name and whose insurance was obtained through a current or former employer or a union EPOPSTAT = 1 and EHEMPLY = 1-3
-1 . Not in universe
1 . All
2 . Part
3 . None D AHI COST 1 2139
T HI: Allocation flag for EHI COST
Allocation flag for employer/union
premium payment. This variable
repeats once per wave. Its value is
subject to change between waves.
V 0 . Not imputed
V 1 . Statistical imputation (hot . deck)
2 . Cold deck imputation
3 . Logical imputation (derivation)
4 . Statistical or logical .imputation using previous wave . data D EHIOTHER 2 2140 T HI: Health insurance coverage of nonhousehold members nonhousehold members
Did ...'s plan also cover anyone who did not live in this household? This variable repeats once per wave. Its value is subject to change between waves.
U All persons 15+ in the last reference month with health insurance in own name and not covered by someone outside the household.
EPOPSTAT = 1 and EHIOWNER = 1 or 3
V -1 .Not in universe
V 1 .Yes 1 . Yes 2 . No D AHIOTHER 1 2142
T HI: Allocation flag for EHIOTHER
Allocation flag for coverage of nonhousehold members. This variable repeats once per wave. Its value is subject to change between waves.
V 0 . Not imputed
V 1 . Statistical imputation (hot deck) V V V V V . deck)

2 . Cold deck imputation

3 . Logical imputation (derivation)

4 . Statistical or logical . imputation using previous wave . data SPSE 2 2143 Coverage of spouse outside the household Who outside this household did the plan cover--spouse/partner? This variable repeats once per wave. Its value is subject to change between waves.

U All persons 15+ in last month of the reference period who had health insurance in own name and who covered someone outside the household EPOPSTAT = 1 and EHIOWNER = 1 or 3 and EHIOTHER = 1

-1 . Not in universe
1 . Yes, covered
2 . No, not covered V D AHI SPSE 1 2145
T HI: Allocation flag for EHI SPSE
Allocation flag for coverage of spouse outside household. This variable

repeats once per wave. Its value is subject to change between waves.

0 .Not imputed

DATA	SIZE	BEGI N	D	ATA	SIZE	BEGI N
V V V	dec. 2 Col. 3 Log. 4 Sta	d deck imputation ical imputation (derivation) tistical or logical utation using previous wave	U V	subject All person reference own name a household and EHIOTH	to chemical to the character of the char	per wave. Its value is nange between waves. in last month of the d who had health insurance in covered someone outside the TAT = 1 and EHIOWNER = 1 or 3 in universe
D EHIOLDKD T HI: Covers the house	age_of	2146 older child (18+) outside	V V	]	l . Yes,	covered not covered
Who ou cover- variab is sub U All perso reference own name	tside - older le rep ject t ns 15+ perio and wh	this household did the plan child (18+)? This eats once per wave. Its value o change between waves. in last month of the d who had health insurance in o covered someone outside the TAT = 1 and EHIOWNER = 1 or 3	D T V V	HI: Allocat Allocat persons variabl is subj	s outsi e repe ect to ) .Not	2154 Flag for EHIOTHR ag for coverage of other de the household. This eats once per wave. Its value o change between waves. imputed istical imputation (hot
and EHIOTY V V V	HER = 1 . Not 1 . Yes 2 . No,	1 in universe , covered not covered	V V V V	3	deck. Colo Logi. Stat	
Alloca	ation tion o	2148 flag for EHIOLDKD f coverage of "older" child household. This variable per wave. Its value is hange between waves.	V D T	EHIRSN01 HI: Reason afford	. data 2 n not o	2155 covered: too expensive, can't
V V V V	0 . Not 1 . Sta . dec 2 . Col 3 . Log 4 . Sta	imputed tistical imputation (hot k) d deck imputation ical imputation (derivation) tistical or logical utation using previous wave	U	Which of was not expensite variable is subjected who insurance reference	c cover ve, ca e repe ect to is 15+ were for or period	se reasons describes why red by health insurance too an't afford. This eats once per wave. Its value o change between waves. in last month of reference not covered by health ne or more months during the d. EPOPSTAT = 1 and EHIMTH =
outsi de tl	age of he hhl	younger child (under 18) d	V V V	2 for one -1	or mor	re months in universe
variab is sub U All persor reference own name a household and EHIOT	le rep ject t ns 15+ perio and wh EPOPS HER = 1 . Not 1 . Yes	this household did the plan er child (under 18)? This eats once per wave. Its value o change between waves. in last month of the d who had health insurance in o covered someone outside the TAT = 1 and EHIOWNER = 1 or 3 in universe , covered not covered	T	employer Which cowas not health self, subject All person period who	of these cover insurations once to change to the change of	covered: HI not offered by se reasons describes why red by health insurance no ance offered by employer of or parent. This variable per wave. Its value is name between waves. in last month of reference not covered by health
D AHI YNGKD T HI: Alloca Alloca child vari ab	1 ation tion f outsid le rep	2151 flag for EHIYNGKD lag for coverage of "younger" e the household. This eats once per wave. Its value	V V V	insurance reference 2 for one	for or period or mor	ne or more months during the d. EPOPSTAT = 1 and EHIMTH =
V V V V V V	0 . Not 1 . Sta . dec 2 . Col 3 . Log 4 . Sta	d deck imputation ical imputation (derivation) tistical or logical utation using previous wave		enough to Which o was not working This va Its val	qualife of thes cover gatjo ariable	2159 covered: not at job long y se reasons describes why red by health insurance not bb long enough to qualify. e repeats once per wave. subject to change between
household Who ou	age of tside	other person(s) outside the this household did the plan person(s)? This variable		period who	were for or period	in last month of reference not covered by health ne or more months during the d. EPOPSTAT = 1 and EHIMIH = re months

DA	ATA SIZE BEGIN	D	ATA	SIZE	BEGI N
U	-1 . Not in universe 1 . Yes 2 . No  EHIRSN04 2 2161 HI: Reason not covered: job layoff, loss, unemployment Which of these reasons describes why was not covered by health insurance job layoff, job loss, or any reason related to unemployment. This variable repeats once per wave. Its value is subject to change between waves.  All persons 15+ in last month of reference period who were not covered by health insurance for one or more months during the reference period. EPOPSTAT = 1 and EHIMTH = 2 for one or more months -1 . Not in universe	Т	health inso Which of was not have bee family, This value waves. All persons period who insurance reference period who insurance for one of	urance f thes cover en hes haver i able ue is s 15+ were for or period or more	covered: haven't needed e se reasons describes why red by health insurance althy, not much sickness in n't needed health insurance e repeats once per wave. subject to change between in last month of reference not covered by health ne or more months during the d. EPOPSTAT = 1 and EHIMTH =
V V	1 . Yes 2 . No	D T	EHI RSN09 HI: Reason hospi tal	2 not	2171 covered: Use VA or military
U	EHIRSN05 2 2163 HI: Reason not covered: not eligible-part time or temp Which of these reasons describes why was not covered by health insurance not elibible because working part-time or temporary job. This variable repeats once per wave. Its value is subject to change between waves. All persons 15+ in last month of reference period who were not covered by health insurance for one or more months during the reference period. EPOPSTAT = 1 and EHIMTH = 2 for one or more months	U V V	Which of was not able to medical once per change I All persons period who insurance reference 2 for one 2 -1	cover go to care. r wave betwee s 15+ were for or period	in universe
V V	1 . Yes 2 . No		EHIRSN10 HI: Reason health plan		2173 covered: covered by other
T U	EHIRSN06 2 2165 HI: Reason not covered: poor health, illness, age, etc. Which of these reasons described why was not covered by health insurance-can't obtain insurance because of poor health, illness, age or pre-existing condition This variable repeats once per wave. Its value is subject to change between waves. All persons 15+ in last month of reference period who were not covered by health	U	Which of was not covered as Mediconce per change I All persons period who insurance reference 2 for one	f thes cover by so caid r wave betwee s 15+ were for or period or more	se reasons describes why red by health insurance ome other health plan, such This variable repeats e. Its value is subject to en waves. in last month of reference not covered by health ne or more months during the d. EPOPSTAT = 1 and EHIMTH = re months in universe
	insurance for one or more months during the reference period. EPOPSTAT = 1 and EHIMTH = 2 for one or more months	V	$\bar{2}$	. Yes . No	
V V V	-1 . Not in universe 1 . Yes 2 . No		parents		2175 covered: no longer covered by
U	EHIRSNO7 2 2167 HI: Reason not covered: don't believe in insurance Which of these reasons describes why was not covered by health insurance-dissatisfied with previous insurance, don't believe in insurance. This variable repeats once per wave. Its value is subject to change between waves. All persons 15+ in last month of reference period who were not covered by health insurance for one or more months during the reference period. EPOPSTAT = 1 and EHIMTH =	V V V	Which of is not of longer of this value is All persons period who insurance reference 2 for one of the control	coveroriable s subj s 15+ were for or period or mor . Not . Yes . No	in universe
V	2 for one or more months -1 . Not in universe 1 . Yes 2 . No		EHI RSN12 HI: Reason Which of	2 not of f the	2177 covered: some other reason se reasons describes why ed by health insurance some
V	2 . No		is not o	cover	ed by health insurance some

#### DATA SIZE BEGIN

other reason. This variable repeats once per wave. Its value is subject to

change between waves.

U All persons 15+ in last month of reference period who were not covered by health insurance for one or more months during the reference period. EPOPSTAT = 1 and EHIMTH = 2 for one or more months. 2 for one or more months
-1 . Not in universe
1 . Yes
2 . No

AHIRSN 1 2179 HI: Allocation for variables EHIRSN01 through EHIRSN12

rough EHIRSN12
Allocation flag for set of variables
EHIRSN01 through EHIRSN12 - reasons for
lack of health insurance coverage. These
variables are imputed from a single donor
when no reason is given. This
variable repeats once per wave. Its value
is subject to change between waves.

0. Not imputed
1. Statistical imputation (hot
. deck)

. deck)

2 . Cold deck imputation 3 . Logical imputation (derivation) 4 . Statistical or logical

imputation using previous wave

D RPRVHI 2180 T HI: Recode for types of private health insurance coverage

This variable repeats once per wave. Its value is subject to change between waves.

U All persons covered by health insurance EHIMTH = 1

-1 . Not in universe 1 . Employer or union provided 2 . Privately purchased

DATA SIZE BEGIN

D LGTKEY 8 2182
T PE: Person longitudinal key
The longitudinal key is in sort by
scrambled id (SSUID). The first five
digits of the key contain a longitudinal
sequence number which is unique for the
sample unit across all waves. The last
three digits contain a person's index
which identifies a person within a sample
unit and is unique for a person across
all waves. This key can be used to merge
people longitudinally. This variable
is a panel variable. The value remains
constant for the life of the panel.
U All persons **D** LGTKEY 2182

U All persons V 1001: 50000001 . Longitudinal Key

D LGTMON 2 2190
T PE: Longitudinal month
The longitudinal month field contains the relative reference month of a person/month record if the individual wave files were merged into one file per panel. 1:4 Wave 1 months 5:8 Wave 2 months 9:12 Wave 3 months 13:16 Wave 4 months 17:20 Wave 5 months 18:24 Wave 6 months 25:28 Wave 7 months 29:32 Wave 8 months 33:36 Wave 9 months 37:40 Wave 10 months 41:44 Wave 11 months 45:48 Wave 12 months This is a monthly variable. Its value is subject to change between months. months.

U All persons V 1:48 . Longitudi nal month

D FILLER 2192 1 T Filler

# SOURCE AND ACCURACY STATEMENT

for the 1996 Public Use Files from the Survey of Income and Program Participation<sup>1</sup>

### **SOURCE OF DATA**

The data was collected in the 1996 Panel of the Survey of Income and Program Participation (SIPP). The SIPP universe is the noninstitutionalized resident population living in the United States. The population includes persons living in group quarters, such as dormitories, rooming houses, and religious group dwellings. Crew members of merchant vessels, Armed Forces personnel living in military barracks, and institutionalized persons, such as correctional facility inmates and nursing home residents, were not eligible to be in the survey. Also, United States citizens residing abroad were not eligible to be in the survey. Foreign visitors who work or attend school in this country and their families were eligible; all others were not eligible to be in the survey. With the exceptions noted above, persons who were at least 15 years of age at the time of the interview were eligible to be in the survey.

The 1996 Panel of the SIPP sample is located in 322 Primary Sampling Units (PSUs), each consisting of a county or a group of contiguous counties. Within these PSUs, living quarters (LQs) were systematically selected from lists of addresses prepared for the 1990 decennial census to form the bulk of the sample. To account for LQs built within each of the sample areas after the 1990 census, a sample containing clusters of four LQs was drawn of permits issued for construction of residential LQs up until shortly before the beginning of the panel.

In jurisdictions that don't issue building permits or have incomplete addresses, we systematically sampled expected clusters of four LQs which were listed by field personnel and then subsampled in the field. In addition, we selected sample LQs from a supplemental frame that included LQs identified as missed in the 1990 census.

For the first interview of the panel, Wave 1, we obtained interviews from occupants of about 36,700 of the 49,200 designated living quarters. We found most of the remaining 12,500 living quarters in the panel to be vacant, demolished, converted to nonresidential use, or otherwise ineligible for the survey. However, we did not interview approximately 3,400 of the 12,500 living quarters in the panel because the occupants, (1) refused to be interviewed, (2) could not be found at home, (3) were temporarily absent, or (4) were otherwise unavailable. Thus, occupants of about 92 percent of all eligible living quarters participated in the first interview of the panel.

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For questions or further assistance with the information provided in this document contact Jennifer A. Guarino of the Demographic Statistical Methods Division on (301) 763-6445 or via the e-mail using jennifer.a.guarino@census.gov.

For subsequent interviews, only original sample persons (those in Wave 1 sample households and interviewed in Wave 1) and persons living with them were eligible to be interviewed. We followed original sample persons if they moved to a new address, unless the new address was more than 100 miles from a SIPP sample area. Then, we attempted telephone interviews.

Sample households within a given panel are divided into four random subsamples of nearly equal size. These subsamples are called rotation groups and one rotation group is interviewed each month. Each household in the sample was scheduled to be interviewed at 4 month intervals over a period of roughly 4 years beginning in April 1996. The reference period for the questions is the 4-month period preceding the interview month. In general, one cycle of four interviews covering the entire sample, using the same questionnaire, is called a wave.

The public use files include core and supplemental (**topical module**) data. Core questions are repeated at each interview over the life of the panel. Topical modules include questions which are asked only in certain waves. The 1996 Panel topical modules are given in Table 1.

Table 2 indicates the reference months and interview months for the collection of data from each rotation group for the 1996 Panel. For example, Wave 1 rotation group 1 of the 1996 Panel was interviewed in April 1996 and data for the reference months December 1995 through March 1996 were collected.

**Estimation**. We used several stages of weight adjustments in the estimation procedure to derive the SIPP cross-sectional person level weights. We gave each person a base weight (BW) equal to the inverse of probability of selection of a person's household. We applied two noninterview adjustment factors. One adjusted the weights of interviewed persons in interviewed households to account for households which were eligible for the sample but which field representatives could not interview at the first interview ( $F_{N1}$ ). The second compensated for person noninterviews occurring in subsequent interviews ( $F_{N2}$ ). We used a Duplication Control Factor (DCF) which adjusts for subsampling done in the field when the number of sample units is much larger than expected. We applied a Mover's Weight (MW), which adjusts for persons in the SIPP universe who move into sample households after Wave 1. The last weight applied is the Second Stage Adjustment Factor ( $F_{2S}$ ). This weight adjusts estimates to population controls and causes husbands' and wives' weights to be equal.

The final cross-sectional weight is  $FW_c = BW * DCF * F_{N1} * F_{2S}$  for Wave 1 and is  $FW_c = IW * F_{N2} * F_{2S}$  for Waves 2+, where IW is either  $BW * DCF * F_{N1}$  or MW. James (1995) and Siegel (1995a) describe SIPP cross-sectional weighting in greater detail.

Researchers both inside and outside the Census Bureau conducted evaluations of SIPP weighting methodology and researched alternative methodologies. We are making several improvements to SIPP weighting methods beginning with this panel. They are described below.

• We dropped the first stage factor  $(F_{1S})$  from cross-sectional weighting. This factor adjusted for differences between the Census count of population and an estimate of that

count based on Census data for sample PSUs. James (1994) found that it did not reduce variance as was previously believed. Jabine, et al (1990) describe the first stage factor used in earlier panels.

- We are using additional variables in nonresponse adjustment. We added high/low poverty stratum code to the Wave 1 nonresponse adjustment, and we added household income, geographic division, and number of imputations for selected income and asset items to the nonresponse adjustment for Waves 2+. Research by Rizzo, et al (1994) and by Folsom and Witt (1994) pointed out the potential of the latter three variables in reducing nonresponse bias.
- We redefined nonresponse adjustment cells for Waves 2+ weighting. We formed the nonresponse cells by successively partitioning data from five panels by whichever variable most reduced the bias of the household income to poverty threshold ratio. We used data from a sixth panel to evaluate the results. We calculated the nonresponse bias of six variables at Waves two and seven for both the new cells and the original cells using initial weights and data from the most recent interview in the calculations. The new cells had lower bias for five of the six variables (Siegel, 1995b).

Research was conducted on a number of promising weighting improvements. Allen and Petroni (1994) reported on an adjustment for mover attrition. Folsom and Witt (1994) and Rizzo, et al (1994) studied alternative nonresponse adjustments using response propensity models. Each study computed weights using an alternative methodology. The researchers then compared estimates of various items to benchmarks. The benchmarks came from administrative records and survey data with less nonresponse than the SIPP. The comparisons did not provide strong evidence of lower bias using the alternative weighting methods.

# **Additional Methodology**

**Use of Weights**. Each household and each person within each household on each wave tape has four weights. These four weights are reference month specific and therefore can be used only to form reference month estimates. Reference month estimates can be averaged to form estimates of monthly averages over some period of time.

**Example**, using the proper weights, one can estimate the monthly average number of households in a specified income range over November and December 1996. To estimate monthly averages of a given measure (such as, total, mean) over a number of consecutive months, sum the monthly estimates and divide by the number of months.

To form an estimate for a particular month, use the <u>reference month</u> weight for the month of interest, summing over all persons or households with the characteristic of interest whose reference period includes the month of interest. Multiply the sum by a factor to account for the number of rotations contributing data for the month. This factor equals four divided by the number of rotations contributing data for the month. For example, December 1995 data is only

available from rotation 1 for Wave 1 of the 1996 Panel (See Table 2), so a factor of 4/1 must be applied.

When estimates for months with less than four rotations worth of data are constructed from a wave file, factors greater than 1 must be applied. However, when core data from consecutive waves are used together, data from all four rotations may be available, in which case the factors are equal to 1.

These tapes contain no weight for characteristics that involve a persons's or household's status over two or more months (such as, number of households with a 50 percent increase in income between November and December 1995).

**Producing Estimates for Census Regions and States**. The total estimate for a region is the sum of the state estimates in that region. Using this sample, estimates for individual states are subject to very high variance and are not recommended. The state codes on the file are primarily of use in linking respondent characteristics with appropriate contextual variables (for example, state-specific welfare criteria) and for tabulating data by user-defined groupings of states.

**Producing Estimates for the Metropolitan Population**. For Washington, DC and 14 other states, metropolitan or non-metropolitan residence is identified (variable H\*-METRO). In 28 additional states, where the non-metropolitan population in the sample was small enough to present a disclosure risk, a fraction of the metropolitan sample was recoded to be indistinguishable from non-metropolitan cases (H\*-METRO=2). In these states, therefore, the cases coded as metropolitan (H\*-METRO=1) represent only a subsample of that population.

In producing state estimates for a metropolitan characteristic, multiply the individual, family, or household weights by the metropolitan inflation factor for that state, presented in Table 3. (This inflation factor compensates for the subsampling of the metropolitan population and is 1.0 for the states with complete identification of the metropolitan population.)

The same procedure applies when creating estimates for particular identified MSA's or CMSA's-apply the factor appropriate to the state. For multi-state MSA's, use the factor appropriate to each state part. For example, to tabulate data for the Maine, ME-VT, apply the Vermont factor of 1.57953 to weights for residents of the Vermont part of the MSA; Maine residents require the same modification to the weight (i.e., their factors also equal 1.57953).

In producing regional or national estimates of the metropolitan population, it is also necessary to compensate for the fact that no metropolitan subsample is identified within two states (Mississippi and West Virginia). Thus, factors in the right-hand column of Table 3 should be used for regional and national estimates. The results of regional and national tabulations of the metropolitan population will be biased slightly. However, less than one-half of one percent of the metropolitan population is not represented.

roducing Estimates for the Non-Metropolitan Population. State, regional, and national estimates of the non-metropolitan population cannot be computed directly, except for Washington, DC and the 14 states where the factor for state tabulations in Table 3 is 1.0. In all other states, the cases identified as not in the metropolitan subsample (METRO=2) are a mixture of non-metropolitan and metropolitan households. Only an indirect method of estimation is available: first compute an estimate for the total population, then subtract the estimates for the metropolitan population. The results of these tabulations will be slightly biased.

### **ACCURACY OF ESTIMATES**

SIPP estimates are based on a sample; they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same questionnaire, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey: nonsampling and sampling. We are able to provide estimates of the magnitude of SIPP sampling error, but this is not true of nonsampling error. Found in the next sections are descriptions of sources of SIPP nonsampling error, followed by a discussion of sampling error, its estimation, and its effect in data analyses.

**Nonsampling Error.** Nonsampling errors can be attributed to many sources:

- inability to obtain information about all cases in the sample
- definitional difficulties
- differences in the interpretation of questions
- inability or unwillingness on the part of the respondents to provide correct information
- inability to recall information, errors made in the following: collection such as in recording or coding the data, processing the data, estimating values for missing data
- biases resulting from the differing recall periods caused by the interviewing pattern used
- and undercoverage.

Quality control and edit procedures were used to reduce errors made by respondents, coders and interviewers. More detailed discussions of the existence and control of nonsampling errors in the SIPP can be found in the SIPP Quality Profile, 1998 SIPP Working Paper Number 230, issued May 1999.

Undercoverage in SIPP results from missed living quarters and missed persons within sample households. It is known that undercoverage varies with age, race, and sex. Generally, undercoverage is larger for males than for females and larger for Blacks than for non-Blacks. Ratio estimation to independent age-race-sex population controls partially corrects for the bias due to survey undercoverage. However, biases exist in the estimates to the extent that persons in missed households or missed persons in interviewed households have characteristics different from those of interviewed persons in the same age-race-sex group. Further, the independent population controls used have been adjusted for undercoverage in the Census.

A common measure of survey coverage is the coverage ratio, the estimated population before ratio adjustment divided by the independent population control. The Table below shows SIPP coverage ratios for age-sex-race groups for one month-April 1996 prior to the weighting adjustment. The SIPP coverage ratios exhibit some variability from month to month, but these are a typical set of coverage ratios. Other Census Bureau household surveys [like the Current Population Survey] experience similar coverage.

SIPP Average Coverage Ratios for Reference Month 4 of Wave 1 - Age by Non-Black/Black Status and Sex

	Non-	Black	Bla	nck
Age	Male	Female	Male	Female
15	0.98335	0.95813	0.78550	0.82013
16-17	0.88008	0.87158	0.76305	0.86845
18-19	0.85220	0.82888	0.77305	0.82540
20-21	0.84343	0.80075	0.66625	0.87133
22-24	0.74250	0.85393	0.67983	0.76140
25-29	0.84415	0.86040	0.73538	0.80993
30-34	0.86265	0.91723	0.75015	0.84000
35-39	0.88295	0.92390	0.74308	0.87993
40-44	0.89135	0.96390	0.74010	0.89830
45-49	0.92468	0.97115	0.70293	0.84565
50-54	0.97913	0.92908	0.91103	1.13213
55-59	0.89055	0.90243	0.91403	0.89550
60-61	0.91213	0.97930	0.90210	0.89198
62-64	0.95298	1.00140	0.73193	1.03728
65-69	0.94455	0.94310	0.97583	1.11268
70-74	0.91943	0.97648	0.00000	0.87718
75-79	0.92633	0.98665	0.00000	0.00000
80-84	0.87250	0.96720	0.00000	0.00000
85+	1.07703	0.95228	0.00000	0.00000

**Comparability with Other Estimates.** Caution should be exercised when comparing data from this with data from other SIPP products or with data from other surveys. The comparability problems are caused by such sources as the seasonal patterns for many characteristics, different nonsampling errors, and different concepts and procedures. Refer to the SIPP Quality Profile for known differences with data from other sources and further discussions.

**Sampling Variability.** Standard errors indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration, but do not measure any systematic biases in the data. The standard errors for the most part measure the variations that occurred by chance because a sample rather than the entire population was surveyed.

#### **USES AND COMPUTATION OF STANDARD ERRORS**

**Confidence Intervals.** The sample estimate and its standard error enable one to construct confidence intervals, ranges that would include the average result of all possible samples with a known probability. For example, if all possible samples were selected, each of these being surveyed under essentially the same conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then:

- 1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
- 2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.
- 3. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average result of all possible samples.

The average estimate derived from all possible samples is or is not contained in any particular computed interval. However, for a particular sample, one can say with a specified confidence that the average estimate derived from all possible samples is included in the confidence interval.

**Hypothesis Testing.** Standard errors may also be used for hypothesis testing, a procedure for distinguishing between population characteristics using sample estimates. The most common types of hypotheses tested are 1) the population characteristics are identical versus 2) they are different. Tests may be performed at various levels of significance, where a level of significance is the probability of concluding that the characteristics are different when, in fact, they are identical.

To perform the most common test, compute the difference  $X_A - X_B$ , where  $X_A$  and  $X_B$  are sample estimates of the characteristics of interest. A later section explains how to derive an

estimate of the standard error of the difference  $X_A - X_B$ . Let that standard error be  $S_{DIFF}$ . If  $X_A - X_B$  is between -1.6 times  $S_{DIFF}$  and +1.6 times  $S_{DIFF}$ , no conclusion about the characteristics is justified at the 10 percent significance level. If, on the other hand,  $X_A - X_B$  is smaller than -1.6 times  $S_{DIFF}$  or larger than +1.6 times  $S_{DIFF}$ , the observed difference is significant at the 10 percent level. In this event, it is commonly accepted practice to say that the characteristics are different. Of course, sometimes this conclusion will be wrong. When the characteristics are the same, there is a 10 percent chance of concluding that they are different.

Note that as more tests are performed, more erroneous significant differences will occur. For example, at the 10 percent significance level, if 100 independent hypothesis tests are performed in which there are no real differences, it is likely that about 10 erroneous differences will occur. Therefore, the significance of any single test should be interpreted cautiously.

**Note Concerning Small Estimates and Small Differences.** Because of the large standard errors involved, there is little chance that estimates will reveal useful information when computed on a base smaller than 200,000. Care must be taken in the interpretation of small differences since even a small amount of nonsampling error can cause a borderline difference to appear significant or not, thus distorting a seemingly valid hypothesis test.

**Calculating Standard Errors for SIPP Estimates.** There are three main ways we calculate the Standard Errors for SIPP Estimates. They are as follows:

- Replicate Weighting Methods,
- Generalized Variance parameters (denoted as **a** and **b**),
- Simplified tables using the *a* and *b* parameters.

  The most reliable method is the Replicate Weighting Method. SIPP uses the Replicate Weighting Method to produce Generalized Variance parameters. Using the Generalized Variance parameters, we create simplified tables.

**Standard Error Parameters and Tables and Their Use.** Most SIPP estimates have greater standard errors than those obtained through a simple random sample because PSUs are sampled and clusters of living quarters are sampled for the SIPP in the area and new construction frames. To derive standard errors that would be applicable to a wide variety of estimates and could be prepared at a moderate cost, a number of approximations were required. Estimates with similar standard error behavior were grouped together and two parameters (denoted a and b) were developed to approximate the standard error behavior of each group of estimates. Because the actual standard error behavior was not identical for all estimates within a group, the standard errors computed from these parameters provide an indication of the order of magnitude of the standard error for any specific estimate. These a and b parameters vary by characteristic and by demographic subgroup to which the estimate applies. Table 4 provides base a and b parameters to be used for the 1996 Panel estimates. Table 10 provides parameters for calculating 1996 topical module variances.

The factors provided in Table 5 when multiplied by the base parameters of Table 4 for a given subgroup and type of estimate give the a and b parameters for that subgroup and estimate type for the specified reference period. For example, the base a and b parameters for total number of households are -0.00002495 and 2,484, respectively. For Wave 1 the factor for March 1996 is 1 since 4 rotation months of data is available. So, the a and b parameters for total household income in March 1996 based on Wave 1 are -0.00002495 and 2,484, respectively. Also for Wave 1, the factor for the first quarter of 1996 is 1.2222 since 9 rotation months of data are available (rotations 1 and 2 provide 3 rotations months each, while rotations 3 and 4 provide 2 and 1 rotation months, respectively). So the a and a parameters for total number of households in the first quarter of 1992 are -0.00003049 and 3,036, respectively for Wave 1.

The *a* and *b* parameters may be used to calculate the standard error for estimated numbers and percentages. Because the actual standard error behavior was not identical for all estimates within a group, the standard errors computed from these parameters provide an indication of the order of magnitude of the standard error for any specific estimate. Methods for using these parameter for computation of approximate standard errors are given in the following sections.

For those users who wish further simplification, we have also provided general standard errors in Tables 6 through 9. Note that these standard errors only apply when data from all four rotations are used and must be adjusted by a factor from Table 4. The standard errors resulting from this simplified approach are less accurate. Methods for using these parameters and tables for computation of standard errors are given in the following sections.

The procedures described below apply only to reference month estimates or averages of reference month estimates. Refer to the section "Use of Weights" for a more detailed discussion of the construction of estimates.

Variance stratum codes and half sample codes are included on the tapes to enable the user to compute the variances directly and more accurately by methods such as balanced repeated replications (BRR). William G. Cochran provides a list of references discussing the application of this technique. (See Sampling Techniques, 3rd Ed., New York: John Wiley and Sons, 1977, p. 321.)

**Standard Errors of Estimated Numbers**. The approximate standard error,  $s_x$ , of an estimated number of persons, households, families, unrelated individuals and so forth, can be obtained in two ways. Both apply when data from all four rotations are used to make the estimate. However, only the second method should be used when less than four rotations of data are available for the estimate. Note that neither method should be applied to dollar values.

The standard error may be obtained by the use of the formula

$$s_{x} = fs \tag{1}$$

where f is the appropriate f factor from Table 4, and s is the standard error on the estimate obtained by interpolation from Table 6 or 7. Alternatively,  $s_x$  may be approximated by the formula

$$s_{x} = \sqrt{ax^{2} + bx} \tag{2}$$

from which the standard errors in Tables 8 and 9 were calculated. Here x is the size of the estimate and a and b are the parameters associated with the particular type of characteristic being estimated. Use of Formula 2 will provide more accurate results than the use of Formula 1.

# Illustration.

Suppose SIPP estimates for Wave 1 of the 1996 Panel show that there were 1,700,000 black households with monthly household income above \$4,000. The appropriate parameters and factor from Table 4 and the appropriate general standard error from Table 6 are

$$a = -0.00018621$$
,  $b = 2,140$ ,  $f = 0.61$ ,  $s = 97,000$ .

Using Formula 1, the approximate standard error is

$$s_x = (0.61)(97000) = 59,170.$$

Using Formula 2, the approximate standard error is

$$\sqrt{(-0.00018621)(1,700,000)^2 + (2,140)(1,700,000)} = 55,676.$$

Using the standard error based on Formula 2, the approximate 90-percent confidence interval as shown by the data is from 1,608,412 to 1,791,588. Therefore, 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% of all samples.

**Standard Error of a Mean.** A mean is defined here to be the average quantity of some item (other than persons, families, or households) per person, family or household. For example, it could be the average monthly household income of females age 25 to 34. The standard error of a mean can be approximated by Formula 3 below. Because of the approximations used in developing Formula 3, an estimate of the standard error of the mean obtained from this formula will generally underestimate the true standard error. The formula used to estimate the standard error of a mean  $\bar{x}$  is

$$s_{\overline{x}} = \sqrt{\left(\frac{b}{y}\right)s^2} \tag{3}$$

where y is the size of the base,  $s^2$  is the estimated population variance of the item and b is the parameter associated with the particular type of item.

The population variance  $s^2$  may be estimated by one of two methods. In both methods, we assume  $x_i$  is the value of the item for unit "I." (Unit may be person, family, or household). To use the first method, the range of values for the item is divided into "c" intervals. The upper and lower boundaries of interval j are  $Z_{j-1}$  and  $Z_j$ , respectively. Each unit is placed into one of "c" groups such that  $Z_{j-1} < x_i < Z_j$ .

The estimated population mean,  $\bar{x}$ , and variance,  $s^2$ , are given by the formulas:

$$\bar{x} = \sum_{\substack{j=1 \ c}}^{c} p_{j} m_{j}$$

$$s^{2} = \sum_{\substack{j=1 \ j=1}}^{c} p_{j} m_{j}^{2} - \bar{x}^{2}, \qquad (4)$$

where  $p_j$  is the estimated proportion of units in group j, and  $m_j = (Z_{j-1} + Z_j/2)$ . The most representative value of the item in group j is assumed to be  $m_j$ . If group "c" is open-ended, or there exists no upper interval boundary, then an approximate value for  $m_c$  is

$$m_c = \frac{3}{2} Z_{c-1}.$$

In the second method, the estimated population mean,  $\bar{x}$ , and variance,  $s^2$ , are given by the formulas

$$\bar{x} = \frac{\sum_{i=1}^{n} w_{i} x_{i}}{\sum_{i=1}^{n} w_{i}}$$

$$s^{2} = \frac{\sum_{i=1}^{n} w_{i} x_{i}^{2}}{\sum_{i=1}^{n} w_{i}} - \bar{x}^{2},$$

$$\sum_{i=1}^{n} w_{i}$$
(5)

where there are n units with the item of interest and  $w_i$  is the final weight for unit "I" (note that  $\sum w_i = y$ ).

### Illustration.

Suppose that based on Wave 1 data, the distribution of monthly cash income for persons age 25 to 34 during the month of January 1996 is given in Table 11.

Using Formula 4 and the mean monthly cash income of \$2,527 the approximate population variance,  $s^2$ , is

$$s^2 = \left(\frac{1,371}{39,851}\right) (150)^2 + \left(\frac{1,651}{39,851}\right) (450)^2 + \dots +$$

$$\left(\frac{1,493}{39,851}\right) (9,000)^2 - (2,527)^2 = 3,175,058.$$

Using Formula 3 and the appropriate base **b** parameter from Table 4, the estimated standard error of a mean  $\bar{x}$  is

$$s_{\overline{x}} = \sqrt{\left(\frac{3,501}{39,851,000}\right) (3,175,058)} = $16.70.$$

**Standard error of an aggregate.** An aggregate is defined to be the total quantity of an item summed over all the units in a group. The standard error of an aggregate can be approximated using Formula 6.

As with the estimate of the standard error of a mean, the estimate of the standard error of an aggregate will generally underestimate the true standard error. Let y be the size of the base,  $s^2$  be the estimated population variance of the item obtained using Formula 4 or Formula 5 and b be the parameter associated with the particular type of item. The standard error of an aggregate is:

$$s_r = \sqrt{(b)(y)s^2} \tag{6}$$

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. 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, e.g., the percent of people employed is more reliable than the estimated number of people employed. When the numerator and denominator of the percentage have different parameters, use the parameter (and appropriate factor) of the numerator. If proportions are presented instead of percentages, note that the standard error of a proportion is equal to the standard error of the corresponding percentage divided by 100.

There are two types of percentages commonly estimated. The first is the percentage of persons, families or households sharing a particular characteristic such as the percent of persons owning their own home. The second type is the percentage of money or some similar concept held by a particular group of persons or held in a particular form. Examples are the percent of total wealth held by persons with high income and the percent of total income received by persons on welfare.

For the percentage of persons, families, or households, the approximate standard error,  $s_{(x,p)}$ , of the estimated percentage p can be obtained by the formula

$$s_{(x,p)} = fs \tag{7}$$

when data from all four rotations are used to estimate p.

In this formula, f is the appropriate f factor from Table 6 and s is the standard error of the estimate from Table 10 or 11.

Alternatively, it may be approximated by the formula

$$s_{(x,p)} = \sqrt{\frac{b}{x}(p)(100-p)}$$
 (8)

from which the standard errors in Tables 10 and 11 were calculated. Here x is the size of the subclass of social units which is the base of the percentage, p is the percentage (0 ), and <math>b is the parameter associated with the characteristic in the numerator. Use of this formula will give more accurate results than use of Formula 7 above and should be used when data from less than four rotations are used to estimate p.

# Illustration.

Suppose that, in the month of January 1996, 6.7 percent of the 16,812,000 persons in nonfarm households with a mean monthly household cash income of \$4,000 to \$4,999, were black. Using Formula 8 and the *b* parameter of 4,610 from Table 4 and a factor of 2 for the month of January 1996 from Table 5, the approximate standard error is

$$\sqrt{\frac{4,610*2}{(16,812,000)}}$$
 (6.7) (100-6.7) = 0.59 percent.

Consequently, the 90 percent confidence interval as shown by these data is from 5.74 to 7.66 percent.

For percentages of money, a more complicated formula is required. A percentage of money will usually be estimated in one of two ways. It may be the ratio of two aggregates:

$$p_I = 100 (X_A / X_N)$$

or it may be the ratio of two means with an adjustment for different bases:

$$p_I = 100 (\hat{p}_A \, \bar{X}_A / \bar{X}_N)$$

where  $x_A$  and  $x_N$  are aggregate money figures,  $\overline{x}_A$  and  $\overline{x}_N$  are mean money figures, and  $\hat{p}_A$  is the estimated number in group A divided by the estimated number in group N. In either case, we estimate the standard error as

$$s_{I} = \sqrt{\left(\frac{\hat{p}_{A}\overline{x}_{A}}{\overline{x}_{N}}\right)^{2} \left[\left(\frac{s_{p}}{\hat{p}_{A}}\right)^{2} + \left(\frac{s_{A}}{\overline{x}_{A}}\right)^{2} + \left(\frac{s_{B}}{\overline{x}_{N}}\right)^{2}\right]}, \qquad (9)$$

where  $s_p$  is the standard error of  $\hat{p}_A$ ,  $s_A$  is the standard error of  $\overline{x}_A$  and  $s_B$  is the standard error of  $\overline{x}_N$ . To calculate  $s_p$ , use Formula 8. The standard errors of  $\overline{x}_N$  and  $\overline{x}_A$  may be calculated using Formula 3.

It should be noted that there is frequently some correlation between  $\hat{p}_A$ ,  $\bar{x}_N$  and  $\bar{x}_A$ . Depending on the magnitude and sign of the correlations, the standard error will be over or underestimated.

# Illustration.

Suppose that in January 1996, 9.8% of the households own rental property, the mean value of rental property is \$72,121, the mean value of assets is \$78,734, and the corresponding standard errors are 0.31%, \$5799, and \$2867. In total there are 86,790,000 households. Then, the percent of all household assets held in rental property is

$$= 100 \left( (0.098) \frac{72121}{78734} \right) = 9.0\% .$$

Using Formula 9, the appropriate standard error is

$$s_I = \sqrt{\left(\frac{(0.098)(72121)}{78734}\right)^2 \left[\left(\frac{0.0031}{0.098}\right)^2 + \left(\frac{5799}{72121}\right)^2 + \left(\frac{2867}{78734}\right)^2\right]}$$

$$= 0.008$$

$$= 0.8\%$$

**Standard Error of a Difference.** The standard error of a difference between two sample estimates is approximately equal to

$$s_{(x-y)} = \sqrt{s_x^2 + s_y^2} \tag{10}$$

where  $s_x$  and  $s_y$  are the standard errors of the estimates x and y. The estimates can be numbers, percents, ratios, etc. The above formula assumes that the correlation coefficient between the characteristics estimated by x and y is zero. If the correlation is really positive (negative), then this assumption will tend to cause overestimates (underestimates) of the true standard error.

### Illustration.

Suppose that SIPP estimates show the number of persons age 35-44 years with monthly cash income of \$4,000 to \$4,999 was 3,186,000 in the month of January 1996 and the number of persons age 25-34 years with monthly cash income of \$4,000 to \$4,999 in the same time period was 2,619,000. Then, using parameters from Table 4 and Formula 2, the standard errors of these numbers are approximately 104,787 and 95,140, respectively. The difference in sample estimates is 567,000 and using Formula 10, the approximate standard error of the difference is

$$\sqrt{(104,787)^2 + (95,140)^2} = 141,534$$
.

Suppose that it is desired to test at the 10 percent significance level whether the number of persons with monthly cash income of \$4,000 to \$4,999 was different for persons age 35-44 years than for persons age 25-34 years. To perform the test, compare the difference of 567,000 to the product 1.6 \* 141,534 = 226,455. Since the difference is larger than 1.6 times the standard error of the difference, the data show that the two age groups are significantly different at the 10 percent significance level.

**Standard Error of a Median.** The median quantity of some item such as income for a given group of persons, families, or households is that quantity such that at least half the group have as much or more and at least half the group have as much or less. The sampling variability of an estimated median depends upon the form of the distribution of the item as well as the size of the group. To calculate standard errors on medians, the procedure described below may be used.

An approximate method for measuring the reliability of an estimated median is to determine a confidence interval about it. (See the section on sampling variability for a general discussion of confidence intervals.) The following procedure may be used to estimate the 68-percent confidence limits and hence the standard error of a median based on sample data.

- 1. Determine, using either Formula 7 or Formula 8, the standard error of an estimate of 50 percent of the group.
- 2. Add to and subtract from 50 percent the standard error determined in step 1.
- 3. Using the distribution of the item within the group, calculate the quantity of the item such

that the percent of the group with more of the item is equal to the smaller percentage found in step 2. This quantity will be the upper limit for the 68-percent confidence interval. In a similar fashion, calculate the quantity of the item such that the percent of the group with more of the item is equal to the larger percentage found in step 2. This quantity will be the lower limit for the 68-percent confidence interval.

4. Divide the difference between the two quantities determined in step 3 by two to obtain the standard error of the median.

To perform step 3, it will be necessary to interpolate. Different methods of interpolation may be used. The most common are simple linear interpolation and Pareto interpolation. The appropriateness of the method depends on the form of the distribution around the median. If density is declining in the area, then we recommend Pareto interpolation. If density is fairly constant in the area, then we recommend linear interpolation. Note, however, that Pareto interpolation can never be used if the interval contains zero or negative measures of the item of interest. Interpolation is used as follows. The quantity of the item such that p percent have more of the item is

$$X_{pN} = \exp\left[\left(Ln\left(\frac{pN}{N_1}\right) / Ln\left(\frac{N_2}{N_1}\right)\right) Ln\left(\frac{A_2}{A_1}\right)\right] A_1. \tag{11}$$

if Pareto Interpolation is indicated and

$$X_{pN} = \left[ \frac{pN - N_1}{N_2 - N_1} \quad (A_2 - A_1) + A_1 \right] \tag{12}$$

if linear interpolation is indicated, where

N is the size of the group,

 $A_1$  and  $A_2$  are the lower and upper bounds, respectively, of the interval in which  $X_{nN}$  falls,

 $N_1$  and  $N_2$  are the estimated number of group members owning more than  $A_1$  and  $A_2$ , respectively,

exp refers to the exponential function and

*Ln* refers to the natural logarithm function

#### Illustration.

To illustrate the calculations for the sampling error on a median, we return to Table 11. The median monthly income for this group is \$2,158. The size of the group is 39,851,000.

- 1. Using Formula 8, the standard error of 50 percent on a base of 39,851,000 is about 0.5 percentage points.
- 2. Following step 2, the two percentages of interest are 49.5 and 50.5.
- 3. By examining Table 11, we see that the percentage 49.5 falls in the income interval from 2000 to 2499. (Since 55.5% receive more than \$2,000 per month, the dollar value corresponding to 49.5 must be between \$2,000 and \$2,500). Thus,  $A_1 = $2,000$ ,  $A_2 = $2,500$ ,  $N_1 = 22,106,000$ , and  $N_2 = 16,307,000$ .

In this case, we decided to use Pareto interpolation. Therefore, the upper bound of a 68% confidence interval for the median is

$$2,000 \exp \left[ \left( Ln \left( \frac{(.495)(39,851,000)}{22,106,000} \right) / Ln \left( \frac{16,307,000}{22,106,000} \right) \right) Ln \left( \frac{2,500}{2,000} \right) \right] = 2174.$$

Also by examining Table 11, we see that 50.5 falls in the same income interval. Thus,  $A_1$ ,  $A_2$ ,  $N_1$ , and  $N_2$  are the same. We also use Pareto interpolation for this case. So the lower bound of a 68% confidence interval for the median is

$$2,000 \exp \left[ \left( Ln \left( \frac{(.505)(39,851,000)}{22,106,000} \right) / Ln \left( \frac{16,307,000}{22,106,000} \right) \right) Ln \left( \frac{2,500}{2,000} \right) \right] = 2142.$$

Thus, the 68-percent confidence interval on the estimated median is from \$2142 to \$2174. An approximate standard error is

$$\frac{\$2174 - \$2142}{2} = \$16.$$

**Standard Errors of Ratios of Means and Medians.** The standard error for a ratio of means or medians is approximated by:

$$s_{\left(\frac{x}{y}\right)} = \sqrt{\left(\frac{x}{y}\right)^2 \left[\left(\frac{s_y}{y}\right)^2 + \left(\frac{s_x}{x}\right)^2\right]} \tag{13}$$

where x and y are the means or medians, and  $s_x$  and  $s_y$  are their associated standard errors. Formula 13 assumes that the means are not correlated. If the correlation between the population means estimated by x and y are actually positive (negative), then this procedure will tend to produce overestimates (underestimates) of the true standard error for the ratio of means.

**Standard Errors Using SAS or SPSS.** Standard errors and their associated variance, calculated by SAS or SPSS statistical software package, do not accurately reflect the SIPP's complex sample design. Erroneous conclusions will result if these standard errors are used directly. We provide adjustment factors by characteristics that should be used to correctly compensate for likely under-estimates. The factors called DEFF available in Table 4, must be applied to SAS or SPSS generated variances. The square root of DEFF can be directly applied to similarly generated standard errors. These factors approximate design effects which adjust statistical measures for sample designs more complex than simple random sample.

**Table 1. 1996 Panel Topical Modules** 

Wave	Topical Module
1	Recipiency History; Employment History
2	Work Disability History; Education & Training History; Marital History Migration History; Fertility History; Household Relationships
3	Eligibility and Assets & Liabilities; Stocks; Interest Earning; Rental Income; Value/Business; Mortgage Income; Other Interest; Real Estate; Medical Expenses/Utilization of Health Care Adults and Children; Work Related Expenses/Child Support Paid
4	Annual Income & Retirement Accounts; Taxes; Work Schedule; Child Care; Disability Items
5	School Enrollment & Financing; Child Support; Support for Non-Household Members; Children Disability; Adults Disability; Employee Benefits; Welfare Items.
6	Child Well-Being; Assets & Liability; Stocks; Interest Earning; Rental Income; Value/Business; Mortgage Income; Other Interest; Real Estate; Medical Expenses/Utilization of Health Care Adults and Children; Work Related Expenses/Child Support Paid
7	Annual Income & Retirement Accounts; Taxes; and Retirement Pension Plan Coverage; Home Health Care.
8	Adult Well-Being; Welfare Items.
9	Assets & Liability; Stocks; Interest Earning; Rental Income; Value/Business; Mortgage Income; Other Interest; Medical Expenses/Utilization of Health Care Adults and Children; Work Related Expenses/Child Support Paid
10	Annual Income & Retirement Accounts; Taxes; Work Schedule; and Child Care
11	Child Support; Support for Non-Household Members; Disability Kids and Adults
12	Child Well-Being; Assets & Liability; Stocks; Interest Earning; Rental Income; Value/Business; Mortgage Income; Other Interest; Real Estate; Medical Expenses/Utilization of Health Care Adults and Children; Work Related Expenses/Child Support Paid

**Table 2:** SIPP 1996 Reference Months for Each Interview Month

						199	96					1			19	97							1	998				1		1	999		2000
		1 <sup>St</sup> Qua	rter	2 <sup>nd</sup>	Quar			Quarte	er	4 <sup>th</sup> Q	uarter	1 <sup>St</sup>	Quarter	2 <sup>nd</sup> Qu			uarter	· 4	th Qua	arter	1 <sup>St</sup> Qua	rter	2 <sup>nd</sup> Quarter		uarter	4 <sup>th</sup> Qu	arter	1 <sup>St</sup> Qua	arter			4 <sup>th</sup> Quarter	1 <sup>St</sup> Quarter
Month of	Wave/ Rotation	Jan Feb	Mar																							Oct No	ov Dec	Jan Fel	Mar	Apr May Jui	July Aug Spt	Oct Nov Dec	Jan Feb Mai
Apr 96	1/1	2 3																															
May	1/2	1 2	3	4																													
Jun	1/3			3	4																												
July	1/4		1	2	3	4																											
Aug	2/1			1	2	3	4																										
Sept	2/2				1	2	3	4																									
Oct	2/3							3																									
Nov	2/4							2	_	4																					Į		
Dec	3/1							1		3																							
Jan 97	3/2								1	2	3 4																						
Feb	3/3										2 3																						
Mar	3/4										1 2																				Į		
Apr	4/1										1		3 4																				
May	4/2											1	2 3	4																			
Jun	4/3												1 2											1									
July	4/4											-	1	2 3				-															
Aug	5/1 5/2													1 2	2 3	3																	
Sept	5/2 5/3													,	1 2	2	4	.															
Oct Nov	5/3 5/4														1	1	2 3	3 4															
Dec	6/1								-			+					1 2		4					<u> </u>								+	
Jan 98	6/2																	2 2		4													
Feb	6/3																•	1 1	, ,	3	4												
Mar	6/4																	1	1	2	3 4												
Apr	7/1								_			1						+		1		4										1	
May	7/2																			•	1 2		4										
Jun	7/3																				1	2	3 4										
July	7/4																				_	1	2 3 4										
Aug	8/1																						1 2 3	4									
Sept	8/2																						1 2	3 4	4								
Oct	8/3																							2									
Nov	8/4																								2 3	4							
Dec	9/1																								1 2								
Jan 99	9/2																								1	2 3							
Feb	9/3																									1 2							
Mar	9/4																									1	2						
Apr	10/1								Т																		1		4				
May	10/2																											1 2	3	4			
Jun	10/3																											1	2	4 3 4 2 3 4			
July	10/4					_			4			_						_						<u> </u>					1	2 3 4			
Aug	11/1																													1 2 3			
Sept	11/2																													1 2	3 4		
Oct	11/3																													1	2 3 4		
Nov	11/4			_		_			4			1						_								1		ļ		ļ	1 2 3		
Dec	12/1																														1 2		
Jan 00	12/2																														1	2 3 4	<b>.</b>
Feb	12/3																															1 2 3	
Mar	12/4																													I		1 2	3 4

Table 3: Metropolitan Subsample Factors to be Applied to Compute National and Subnational Estimates

		Factors for use in State or CMSA (MSA) Tabulations	Factors for use in Regional or National Tabulations
Northeast	Connecticut	1.00000	1.00000
	Maine	1.57953	0.65171
	Massachusetts	1.03252	1.03252
	New Hampshire	1.24580	1.24580
	New Jersey	1.00000	1.00000
	New York	1.00000	1.00000
	Pennsylvania	1.00000	1.00000
	Rhode Island	1.00000	1.00000
	Vermont	1.57953	0.65171
Midwest	Illinois	1.00735	1.00735
	Indiana	1.00000	1.00000
	Iowa	1.30446	1.30446
	Kansas	1.16632	1.16632
	Michigan	1.02281	1.02281
	Minnesota	1.06701	1.06701
	Missouri	1.00000	1.00000
	Nebraska	1.30873	1.30873
	North Dakota		
	Ohio	1.00000	1.00000
	South Dakota		
	Wisconsin	1.00908	1.00908
West	Alaska		
	Arizona	1.02596	1.02596
	California	1.00000	1.00000
	Colorado	1.13327	1.13327
	Hawaii	1.00000	1.00000
	Idaho		
	Montana		
	Nevada	1.00000	1.00000
	New Mexico	1.66611	1.66611
	Oregon	1.03327	1.03327
	Utah	1.00000	1.00000
	Washington	1.03799	1.03799
	Wyoming		_

# Table 3 (Continued)

		Factors for use in State or CMSA (MSA) Tabulations	Factors for use in Regional or National Tabulations
South	Alabama	1.07631	1.07631
	Arkansas	1.28386	1.28386
	Delaware	1.49701	1.49701
	D.C.	1.00000	1.00000
	Florida	1.01184	1.01184
	Georgia	1.01513	1.01513
	Kentucky	1.07446	1.07446
	Louisiana	1.06406	1.06406
	Maryland	1.00000	1.00000
	Mississippi		
	North Carolina	1.00000	1.00000
	Oklahoma	1.07759	1.07759
	South Carolina	1.08096	1.08096
	Tennessee	1.00980	1.00980
	Texas	1.01112	1.01112
	Virginia	1.01554	1.01554
	West Virginia		

Table 4<sup>2</sup>: SIPP direct Generalized Variance Parameters for the 1996 Panel, Wave 1 to Wave 3.

Characteristics		Parame	ters		
Persons		а	b	DEFF	f
Poverty and Progra	m Participation	-0.00002073	4241	1.80	0.66
•	Male	-0.00004304	4241	1.80	0.66
	Female	-0.00004000	4241	1.80	0.66
Income and Labor 1	Force	-0.00001712	3501	1.48	0.60
	Male	-0.00003553	3501	1.48	0.60
	Female	-0.00003302	3501	1.48	0.60
Other (Person) Item	18	-0.00002094	5532	2.34	0.75
	Male	-0.00004285	5532	2.34	0.75
	Female	-0.00004094	5532	2.34	0.75
Black (Person) Item	ıs	-0.00013747	4610	1.95	0.69
	Male	-0.00029685	4610	1.95	0.69
	Female	-0.00025605	4610	1.95	0.69
Hispanic (Person) It	tems	-0.00026952	5794	2.46	0.77
	Male	-0.00052863	5794	2.46	0.77
	Female	-0.00054989	5794	2.46	0.77
Metro/NonMetro (P	Person) Items	-0.00003714	9814	4.16	1.00
	Male	-0.00007601	9814	4.16	1.00
	Female	-0.00007262	9814	4.16	1.00
<b>Poverty and Progra</b>	m Participation	-0.00001362	2785	1.18	0.53
Demographic Perso					
(age/race/sex/marita	n status) Male	-0.00002827	2785	1.18	0.53
	Female	-0.00002827	2785	1.18	0.53
	remate	-0.00002027	2703	1.10	0.55
Households		0.00002407	2404	1.05	0.66
Total or White		-0.00002495	2484	1.05	0.66
Black		-0.00018621 -0.00041683	2140 2967	0.91 1.26	0.61 0.72
Hispanic Metro/NonMetro		-0.00041683 -0.00005801	2967 5774	2.45	1.00
Metro/Monivietro		-0.00003801	3//4	2.43	1.00

Use the "Other (Person) Items" parameters for tabulations of persons 15+ in the labor force, retirement tabulations, 0+ program participation, 0+ benefits, 0+ income, and 0+ labor force tabulations, in addition to any other types of person tabulations not

Table 4 (Continued): SIPP direct Generalized Variance Parameters for the 1996 Panel, Wave 4 to Wave 6.

Characteristics	Parame	ters		
Persons	a	b	DEFF	f
Poverty and Program Participation	-0.00002442	5031	2.13	0.75
Male	-0.00005032	5031	2.13	0.75
Female	-0.00004745	5031	2.13	0.75
Income and Labor Force	-0.00002002	4124	1.75	0.68
Male	-0.00004125	4124	1.75	0.68
Female	-0.00003890	4124	1.75	0.68
Other (Person) Items	-0.00002372	6295	2.67	0.84
Male	-0.00004831	6295	2.67	0.84
Female	-0.00004661	6295	2.67	0.84
Black (Person) Items	-0.00016081	5403	2.29	0.77
Male	-0.00034815	5403	2.29	0.77
Female	-0.00029884	5403	2.29	0.77
Hispanic (Person) Items	-0.00030854	6773	2.87	0.87
Male	-0.00060057	6773	2.87	0.87
Female	-0.00063452	6773	2.87	0.87
Metro/NonMetro (Person) Items	-0.00003390	8997	3.81	1.00
Male	-0.00006904	8997	3.81	1.00
Female	-0.00006662	8997	3.81	1.00
Poverty and Program Participation Demographic Person Items (age/race/sex/marital status)	-0.00001516	3124	1.32	0.59
Male	-0.00003124	3124	1.32	0.59
Female	-0.00002946	3124	1.32	0.59
Households				
Total or White	-0.00002760	2783	1.18	0.70
Black	-0.00021496	2589	1.10	0.67
Hispanic	-0.00048182	3558	1.51	0.79
Metro/NonMetro	-0.00005637	5685	2.41	1.00

Table 4 (Continued): SIPP direct Generalized Variance Parameters for the 1996 Panel, Wave 7 to Wave 9.

Characteristics	Parame	eters		
Persons	a	$\boldsymbol{b}$	DEFF	f
Poverty and Program Participation	-0.00002640	5482	2.32	0.69
Male	-0.00005432	5482	2.32	0.69
Female	-0.00005137	5482	2.32	0.69
Income and Labor Force	-0.00002093	4346	1.84	0.61
Male	-0.00004306	4346	1.84	0.61
Female	-0.00004073	4346	1.84	0.61
Other (Person) Items	-0.00002707	7233	3.06	0.79
Male	-0.00005505	7233	3.06	0.79
Female	-0.00005325	7233	3.06	0.79
Black (Person) Items	-0.00018296	6233	2.64	0.73
Male	-0.00039639	6233	2.64	0.73
Female	-0.00033979	6233	2.64	0.73
Hispanic (Person) Items	-0.00037190	8270	3.50	0.84
Male	-0.00072468	8270	3.50	0.84
Female	-0.00076396	8270	3.50	0.84
Metro/NonMetro (Person) Items	-0.00004353	11633	4.93	1.00
Male	-0.00008853	11633	4.93	1.00
Female	-0.00008563	11633	4.93	1.00
Poverty and Program Participation Demographic Person Items (age/race/sex/marital status)	-0.00001648	3422	1.45	0.54
(age/race/sex/maritar status)  Male	-0.00003391	3422	1.45	0.54
Female	-0.00003391	3422	1.45	0.54
Households				
Total or White	-0.00003140	3215	1.36	0.64
Black	-0.00023605	3036	1.29	0.62
Hispanic	-0.00055045	4172	1.77	0.63
Metro/NonMetro	-0.0007673	7856	3.33	1.00

Table 4 (Continued): SIPP direct Generalized Variance Parameters for the 1996 Panel, Wave 10 to Wave 12.

Characteristics	Parame	ters		
Persons	а	b	DEFF	f
Poverty and Program Participation	-0.00002888	6072	2.57	0.83
Male	-0.00005947	6072	2.57	0.83
Female	-0.00005614	6072	2.57	0.83
Income and Labor Force	-0.00002379	5001	2.12	0.76
Male	-0.00004899	5001	2.12	0.76
Female	-0.00004624	5001	2.12	0.76
Other (Person) Items	-0.00002824	7628	3.23	0.93
Male	-0.00005749	7628	3.23	0.93
Female	-0.00005551	7628	3.23	0.93
Black (Person) Items	-0.00020276	7001	2.97	0.89
Male	-0.00043664	7001	2.97	0.89
Female	-0.00037854	7001	2.97	0.89
Hispanic (Person) Items	-0.00038420	8733	3.70	0.99
Male	-0.00074958	8733	3.70	0.99
Female	-0.00078818	8733	3.70	0.99
Metro/NonMetro (Person) Items	-0.00003248	8773	3.72	1.00
Male	-0.00006611	8773	3.72	1.00
Female	-0.00006384	8773	3.72	1.00
Poverty and Program Participation Demographic Person Items (age/race/sex/marital status)	-0.00001806	3797	1.61	0.66
Male	-0.00003719	3797	1.61	0.66
Female	-0.00003511	3797	1.61	0.66
Households				
Total or White	-0.00003350	3478	1.47	0.65
Black	-0.00026197	3449	1.46	0.65
Hispanic	-0.00057152	4598	1.95	0.75
Metro/NonMetro	-0.00007860	8160	3.46	1.00

Table 5: Factors to be Applied to Table 4 Base Parameters to Obtain Parameters for Various Reference Periods

# of available rotation months <sup>3</sup>	Factor				
Monthly estimate					
1	4.0000				
2	2.0000				
3	1.3333				
4	1.0000				
Quarterly estimate					
6	1.8519				
8	1.4074				
9	1.2222				
10	1.0494				
11	1.0370				

The number of available rotation months for a given estimate is the sum of the number of rotations available for each month of the estimate.

Table 6: Standard Errors of Estimated Numbers of Households, Families, or Unrelated People (Numbers in Thousands)

Size of Estimate	Standard Error	Size of Estimate	Standard Error
200	34	25,000	329
300	42	30,000	348
500	54	40,000	372
750	66	50,000	380
1,000	76	60,000	372
2,000	106	70,000	347
3,000	130	75,000	328
5,000	166	80,000	303
7,500	200	90,000	225
10,000	228	95,000	162
15,000	271	99,500	37
,		,	

• To account for sample attrition, multiply the standard error of the estimate by 1.16 for estimates which include data from Wave 4 to Wave 6, 1.30 for Wave 7 to Wave 9, and 1.38 for Wave 10 to Wave 12.

**Table 7: Standard Errors of Estimated Numbers of People (Numbers in Thousands)** 

Size of Estimate	Standard Error	Size of Estimate	Standard Error
200	40	90,000	697
300	50	100,000	714
500	64	110,000	725
750	78	120,000	732
1,000	90	130,000	735
2,000	128	140,000	734
3,000	156	150,000	729
5,000	200	160,000	719
7,500	244	170,000	705
10,000	281	180,000	686
15,000	340	190,000	661
25,000	431	200,000	631
30,000	467	210,000	594
40,000	527	220,000	549
50,000	576	230,000	494
60,000	616	240,000	425
70,000	649	250,000	332
75,000	663	260,000	185
80,000	676	264,000	43

<sup>•</sup> To account for sample attrition, multiply the standard error of the estimate by 1.16 for estimates which include data from Wave 4 to Wave 6, 1.30 for Wave 7 to Wave 9, and 1.38 for Wave 10 to Wave 12.

Table 8: Standard Errors of Estimated Percentages of Households, Families, or Unrelated People (Numbers in Thousands).

Base of Estimated	Estimated Percentages					
Percentage (Thousands)	≤1 or ≥99	2 or 98	5 or 95	10 or 90	25 or 75	50
200	1.69	2.38	3.71	5.10	7.36	8.50
300	1.38	1.94	3.03	4.17	6.01	6.94
500	1.07	1.51	2.34	3.23	4.66	5.38
750	0.87	1.23	1.91	2.63	3.80	4.39
1,000	0.76	1.06	1.66	2.28	3.29	3.80
2,000	0.54	0.75	1.17	1.61	2.33	2.69
3,000	0.44	0.61	0.96	1.32	1.90	2.20
5,000	0.34	0.48	0.74	1.02	1.47	1.70
7,500	0.28	0.39	0.61	0.83	1.20	1.39
10,000	0.24	0.34	0.52	0.72	1.04	1.20
15,000	0.20	0.27	0.43	0.59	0.85	0.98
25,000	0.15	0.21	0.33	0.46	0.66	0.76
30,000	0.14	0.19	0.30	0.42	0.60	0.69
40,000	0.12	0.17	0.26	0.36	0.52	0.60
50,000	0.11	0.15	0.23	0.32	0.47	0.54
60,000	0.10	0.14	0.21	0.29	0.43	0.49
70,000	0.09	0.13	0.20	0.27	0.39	0.45
75,000	0.09	0.12	0.19	0.26	0.38	0.44
80,000	0.08	0.12	0.19	0.26	0.37	0.43
90,000	0.08	0.11	0.17	0.24	0.35	0.40
95,000	0.08	0.11	0.17	0.23	0.34	0.39
99,500	0.08	0.11	0.17	0.23	0.33	0.38

<sup>•</sup> To account for sample attrition, multiply the standard error of the estimate by 1.16 for estimates which include data from Wave 4 to Wave 6, 1.30 for Wave 7 to Wave 9, and 1.38 for Wave 10 to Wave 12.

Table 9: Standard Errors of Estimated Percentages of People (Numbers in Thousands).

Base of Estimated	Estimated Percentages					
Percentage (Thousands)	≤1 or ≥99	2 or 98	5 or 95	10 or 90	25 or 75	50
200	2.01	2.83	4.41	6.07	8.76	10.12
300	1.64	2.31	3.60	4.96	7.15	8.26
600	1.16	1.64	2.55	3.51	5.06	5.84
1,000	0.90	1.27	1.97	2.72	3.92	4.53
2,000	0.64	0.90	1.39	1.92	2.77	3.20
5,000	0.40	0.57	0.88	1.21	1.75	2.02
7,500	0.33	0.46	0.72	0.99	1.43	1.65
10,000	0.28	0.40	0.62	0.86	1.24	1.43
15,000	0.23	0.33	0.51	0.70	1.01	1.17
20,000	0.20	0.28	0.44	0.61	0.88	1.01
25,000	0.18	0.25	0.39	0.54	0.78	0.91
30,000	0.16	0.23	0.36	0.50	0.72	0.83
50,000	0.13	0.18	0.28	0.38	0.55	0.64
75,000	0.10	0.15	0.23	0.31	0.45	0.52
100,000	0.09	0.13	0.20	0.27	0.39	0.45
125,000	0.08	0.11	0.18	0.24	0.35	0.40
150,000	0.07	0.10	0.16	0.22	0.32	0.37
200,000	0.06	0.09	0.14	0.19	0.28	0.32
225,000	0.06	0.08	0.13	0.18	0.26	0.30
250,000	0.06	0.08	0.12	0.17	0.25	0.29
260,000	0.06	0.08	0.12	0.17	0.24	0.28
264,000	0.06	0.08	0.12	0.17	0.24	0.28

<sup>•</sup> To account for sample attrition, multiply the standard error of the estimate by 1.16 for estimates which include data from Wave 4 to Wave 6, 1.30 for Wave 7 to Wave 9, and 1.38 for Wave 10 to Wave 12.

**Table 10: 1996 Topical Module Generalized Variance Parameters** 

Characteristics	Parameters		
	a	b	
<b>Employment History, Wave 1</b>			
<b>Both Sexes 18+</b>	-0.00001712	3501	
<b>Male 18+</b>	-0.00003553	3501	
Female 18+	-0.00003302	3501	
Recipiency History, Wave 1	-0.00002073	4241	
Both Sexes 18+	-0.00004304	4241	
Male18+	-0.00004000	4241	
Female 18+			
Fertility, Wave 2			
Woman	-0.0000275	2928	
Birth	-0.0000501	5339	
<b>Education Attainment, Wave 2</b>	-0.0000194	3989	
Marital Status and Person's Family Characteristics, Wave 2			
<b>Some Household Members</b>	-0.0000294	6035	
All Household Members	-0.0000272	7334	
Child Support			
Wave 5	-0.0000491	5270	
Wave 11	-0.0000610	6690	
Support for Non-Household Members			
Wave 5	-0.0000255	5270	
Wave 11	-0.0000316	6690	
Health and Disability, Wave 4	-0.0000243	6595	
0-15 Child Care			
Wave 4	-0.0000688	4496	
Wave 10	-0.0000818	5451	

Table 10 (Continued): 1996 Topical Module Generalized Variance Parameters

Characteristics	Paramete	ers
	b	a
Welfare History and AFDC		
<b>Both Sexes 18+ (Wave 5)</b>	-0.0000576	11475
<b>Males 18+ (Wave 5)</b>	-0.0000570	11475
Females 18+ (Wave 5)	-0.0000582	11475
Both Sexes 18+ (Wave 8)	-0.0000654	13156
<b>Males 18+ (Wave 8)</b>	-0.0000647	13156
Females 18+ (Wave 8)	-0.0000662	13156
Assets and Liabilities		
Wave 3	-0.0000203	4170
Wave 6	-0.0000244	5050
Wave 9	-0.0000250	5230
Wave12	-0.0000271	5760
Migration, Wave 2	-0.0000218	4465

• Use the "15+ Income and Labor Force" core parameter for tabulations of reasons for not working/reservation wage and work-related income.

Table 11: Distribution of Monthly Cash Income Among Persons 25 to 34 Years Old

Intervals of Monthly Cash Income	Total	under \$300	\$300 to \$599	\$600 to \$899	\$900 to \$1,199	\$1,200 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 and over
Mid-intervals of Monthly Cash Income		150	450	750	1,050	1,350	1,750	2,250	2,750	3,250	3,750	4,500	5,500	9,000
Thousands in interval	39,851	1,371	1,651	2,259	2,734	3,452	6,278	5,799	4,730	3,723	2,519	2,619	1,223	1,493
Cumulative with at least as much as lower bound of interval		39,851	38,480	36,829	34,570	31,836	28,384	22,106	16,307	11,577	7,854	5,335	2,716	1,493
Percent with at least as much as lower bound of interval		100.0	96.6	92.4	86.7	79.9	71.2	55.5	40.9	29.1	19.7	13.4	6.8	3.7

## **CONTROL COUNTS**

The Control Counts for each of the 12 Waves of the 1996 Longitudinal File are linked to the technical documentation and can be accessed by either (1) clicking the links below or (2) clicking the bookmarks.

- 9A Longitudinal Wave 1
- 9B Longitudinal Wave 2
- 9C Longitudinal Wave 3
- 9D Longitudinal Wave 4
- 9E Longitudinal Wave 5
- 9F Longitudinal Wave 6
- 9G Longitudinal Wave 7
- 9H Longitudinal Wave 8
- 9I Longitudinal Wave 9
- 9J Longitudinal Wave 10
- 9K Longitudinal Wave 11
- 9L Longitudinal Wave 12

## **FIPS State Codes**

- 01 Alabama
- 02 Alaska
- 04 Arizona
- 05 Arkansas
- 06 California
- 08 Colorado
- 09 Connecticut
- 10 Delaware
- 11 DC
- 12 Florida
- 13 Georgia
- 15 Hawaii
- 16 Idaho
- 17 Illinois
- 18 Indiana
- 19 Iowa
- 20 Kansas
- 21 Kentucky
- 22 Louisiana
- 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
- 39 Ohio
- 40 Oklahoma
- 41 Oregon
- 42 Pennsylvania
- 44 Rhode Island
- 45 South Carolina

- 47 Tennessee
- 48 Texas
- 49 Utah
- 51 Virginia
- 53 Washington
- 54 West Virginia
- 55 Wisconsin
- 61 Maine, Vermont
- 62 North Dakota, South Dakota, Wyoming

## Interview Status Code for Households

- 201 Completed interview
- 203 Compl. partial- missing data; noTYPE-Z
- 207 Complete partial TYPE-Z; no futher followup
- 213 TYPE-A, language problem
- 215 TYPE-A, insufficient parital
- 216 TYPE-A, no one home (noh)
- 217 TYPE-A, temporarily absent (ta)
- 218 TYPE-A, hh refused
- 219 TYPE-A, other occupied (specify)
- 234 TYPE-B, entire hh institut. or temp. ineligible
- 248 TYPE-C, other (specify)
- 249 TYPE-C, sample adjustment
- 250 TYPE-C, hh deceased
- 251 TYPE-C, moved out of country
- 252 TYPE-C, living in armed forces barracks
- 253 TYPE-C, on active duty in Armed Forces
- 254 TYPE-C, no one over age 15 years in hhld
- 255 TYPE-C, no Wave 1 persons remaining in hhld
- 260 TYPE-D, moved address unknown
- 261 TYPE-D, moved w/in U.S. but outside SIPP
- 262 Merged with another SIPP household
- 270 Mover, no longer located in same fr's area
- 271 Mover, new address located in same fr's area

# MSA Codes

0000 Not in MSA/CMSA/PMSA or not identifiable
0007 Boston-Worcester-Lawrence, MA-NH
0014 Chicago-Gary-Kenosha (excl.PMSA 3740), Il
0021 Cincinnati-Hamilton, OH
0028 Cleveland-Akron, OH
0031 Dallas-Fort Worth, TX
0034 Denver-Boulder-Greeley, CO
0035 Detroit-Ann Arbor-Flint, MI
0042 Houston-Galveston-Brazoria, TX
0049 Los Angeles-Riverside-Orange County, CA
0056 Miami-Fort Laudersale, FL
0063 Milwuakee-Racine, WI
0070 NY-NJ-LI, NJ
0077 Philadelphia-Wilmington-Atlantic City, NJ
0079 Portland-Vancouver, OR
0082 Sacramento-Yolo, CA
0084 San Francisco-Oakland-San Jose, CA
0091 Seattle-Tacoma-Bremerton, WA
0097 Washington-Baltimore, DC
0160 Albany-Schenectady-Troy, NY
0200 Albequerque, NM
0240 Allentown-Bethlehem-Easton, PA
0520 Atlanta, GA
0640 Austin-San Marcos, TX
0680 Bakersfield, CA
0760 Baton Rouge, LA
0840 Beaumont-Port Arthur, TX
1000 Birmingham, AL
1280 Buffalo-Niagara Falls, NY
1440 Charleston-North Charleston, SC
1520 Charlotte-Gastonia-Rock Hill, NC
1720 Colorado Springs, CO
1840 Columbus, OH
1880 Corpus Christi, TX
2000 Dayton-Springfield, OH
2020 Daytona Beach, FL
2120 Des Moines, IA
2320 El Paso, TX
2400 Eugene-Springfield, OR
2560 Fayetville, NC
2700 Fort Myers-Cape Coral, FL

2710 Fort Pierce-Port St. Lucie, FL

- 2760 Fort Wayne, IN
- 2840 Fresno, CA
- 3000 Grand Rapids-Muskegon-Holland, MI
- 3120 Greensboro--Winston-Salem--High Point, NC
- 3160 Greensville-Spartansburg-Anderson, SC
- 3240 Harrisburg-Lebanon-Carlisle, PA
- 3320 Honolulu, HI
- 3480 Indianapolis, IN
- 3600 Jacksonville, FL
- 3660 Johnson City-Kingsport-Bristol, TN
- 3760 Kansas City, KS
- 3810 Killeen-Temple, TX
- 3840 Knoxville, TN
- 3980 Lakeland-Winter Haven, FL
- 4000 Lancaster, PA
- 4040 Lansing-East Lansing, MI
- 4120 Las Vegas, NV
- 4280 Lexington, KY
- 4520 Louisville, KY
- 4720 Madison, WI
- 4880 McAllen-Edinburg-Mission, TX
- 4900 Melbourne-Titusville-Palm Bay, FL
- 4920 Memphis, TN
- 5120 Minneapolis-St. Paul, MN
- 5160 Mobile, AL
- 5170 Modesto, CA
- 5240 Montgomery, AL
- 5360 Nashville, TN
- 5560 New Orleans, LA
- 5720 Norfolk-Virginia Beach-Newport News, VA
- 5880 Oklahoma City, OK
- 5960 Orlando, FL
- 6080 Pensacola, FL
- 6200 Phoenix-Mesa, AZ
- 6280 Pittsburgh, PA
- 6520 Provo-Orem, UT
- 6640 Raleigh-Durham-Chapel Hill, NC
- 6680 Reading, PA
- 6760 Richmond-Petersburg, VA
- 6840 Rochester, NY
- 6880 Rockford, IL
- 7040 St. Louis, IL
- 7160 Salt Lake City-Ogden, UT
- 7240 San Antonio, TX
- 7320 San Diego, CA
- 7480 Santa Barbara-Santa Maria-Lompoc, CA

7510 Sarasota-Bradenton, FL

7560 Scranton--Wilkes-Barre--Hazelton, PA

8000 Springfield, MA

8120 Stockton-Lodi, CA

8160 Syracuse, NY

8280 Tampa-St. Petersburg-Clearwater, FL

8400 Toledo, OH

8560 Tulsa, OK

8680 Utica-Rome, NY

8960 West Palm Beach-Boca Raton, FL

# Origin Codes

- 1 Canadian
- 2 Dutch
- 3 English
- 4 French
- 5 French-Canadian
- 6 German
- 7 Hungarian
- 8 Irish
- 9 Italian
- 10 Polish
- 11 Russian
- 12 Scandinavian
- 13 Scotch-Irish
- 14 Scottish
- 15 Slovak
- 16 Welsh
- 17 Other European
- 20 Mexican
- 21 Mexican-American
- 22 Chicano
- 23 Puerto Rican
- 24 Cuban
- 25 Central American
- 26 South American
- 27 Dominican Republic
- 28 Other Hispanic
- 30 African-American or Afro-American
- 31 American Indian, Eskimo, or Aleut
- 32 Arab
- 33 Asian
- 34 Pacific Islander
- 35 West Indian
- 39 Another group not listed
- 40 American

## Industry Classification Codes for Jobs

- -1 Not in universe
- 10 Agricultural production, crops (01)
- 11 Agricltrl production, livestock (02)
- 12 Veterinary services (074)
- 20 Landscape and horticultural services (078)
- 30 Agricultural services, n.e.c. (071, 072, 075, 076)
- 31 Forestry (08)
- 32 Fishing, hunting, and trapping (09)
- 40 Metal mining (10)
- 41 Coal mining (12)
- 42 Oil and gas extraction (13)
- 50 Nonmetallic mining and quarrying, except fuel (14)
- 60 Construction (15, 16, 17)
- 100 Meat products (201)
- 101 Dairy products (202)
- 102 Canned, frozen and preserved fruits and vegetables (203)
- 110 Grain mill products (204)
- 111 Bakery products (205)
- 112 Sugar and confectionery products (206)
- 120 Beverage industries (208)
- 121 Miscellaneous food preparations and kindred products (207, 209)
- 122 Not specified food industries
- 130 Tobacco manufactures (21)
- 132 Knitting mills (225)
- 140 Dyeing and finishing textiles, except wool and knit goods (226)
- 141 Carpets and rugs (227)
- 142 Yarn, thread, and fabric mills (221-224, 228)
- 150 Miscellaneous textile mill products (229)
- 151 Apparel and accessories, except knit (231-238)
- 152 Miscellaneous fabricated textile products (239)
- 160 Pulp, paper, and paperboard mills (261-263)
- 161 Miscellaneous paper and pulp products (267)
- 162 Paperboard containers and boxes (265)
- 171 Newspaper publishing and printing (271)
- 172 Printing, publishing, and allied industries, except newspapers (272-279)
- 180 Plastics, synthetics, and resins (282)
- 181 Drugs (283)
- 182 Soaps and cosmetics (284)
- 190 Paints, varnishes, and rel. products (285)
- 191 Agricultural chemicals (287)
- 192 Industrial and miscellaneous chemicals (281, 286, 289)

- 200 Petroleum refining (291)
- 201 Miscellaneous petroleum and coal products (295, 299)
- 210 Tires and inner tubes (301)
- 211 Other rubber products, and plastics footwear and belting (302-306)
- 212 Miscellaneous plastics products (308)
- 220 Leather tanning and finishing (311)
- 221 Footwear, except rubber and plastic (313, 314)
- 222 Leather products, except footwear (315-317, 319)
- 230 Logging (241)
- 231 Sawmills, planing mills, and millwork (242, 243)
- 232 Wood buildings and mobile homes (245)
- 241 Miscellaneous wood products (244, 249)
- 242 Furniture and fixtures (25)
- 250 Glass and glass products (321-323)
- 251 Cement, concrete, gypsum, and plaster products (324, 327)
- 252 Structural clay products (325)
- 261 Pottery and related products (326)
- 262 Miscellaneous nonmetallic mineral and stone products (328, 329)
- 270 Blast furnaces, steelworks, rolling and finishing mills (331)
- 271 Iron and steel foundries (332)
- 272 Primary aluminum industries (3334, part 334, 3353-3355, 3363, 3365)
- 280 Other primary metal industries (3331,3339, part 334,3351,3356-57,3364,3366,3369,339)
- 281 Cutlery, handtools, and general hardware (342)
- 282 Fabricated structural metal products (344)
- 290 Screw machine products (345)
- 291 Metal forgings and stampings (346)
- 292 Ordnance (348)
- 300 Misc fabricated metal products (341, 343, 347, 349)
- 301 Not specified metal industries
- 310 Engines and turbines (351)
- 311 Farm machinery and equipment (352)
- 312 Construction and material handling machines (353)
- 320 Metalworking machinery (354)
- 321 Office and accounting machines (3578, 3579)
- 322 Computers and rel. equipment (3571-3577)
- 331 Machinery, except electrical, n.e.c. (355, 356, 358, 359)
- 332 Not specified machinery
- 340 Household appliances (363)
- 341 Radio, TV, and communication equipment (365, 366)
- 342 Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
- 350 Not specified electrical machinery, equipment, and supplies
- 351 Motor vehicles and motor vehicle equipment (371)
- 352 Aircraft and parts (372)
- 360 Ship and boat building and repairing (373)
- 361 Railroad locomotives and equipment (374)
- 362 Guided missiles, space vehicles, and parts (376)

- 370 Cycles and miscellaneous transportation equipment (375, 379)
- 371 Scientific and controlling instruments (381, 382 except 3827)
- 372 Medical, dental, and optical instruments and supplies (3827, 384, 385)
- 380 Photographic equipment and supplies (386)
- 381 Watches, clocks, and clockwork operated devices (387)
- 390 Toys, amusement, and sporting goods (394)
- 391 Miscellaneous manufacturing industries (39 except 394)
- 392 Not spec manufacturing industries
- 400 Railroads (40)
- 401 Bus service and urban transit (41, except 412)
- 402 Taxicab service (412)
- 410 Trucking service (421, 423)
- 411 Warehousing and storage (422)
- 412 U.S. Postal Service (43)
- 420 Water transportation (44)
- 421 Air transportation (45)
- 422 Pipe lines, except natural gas (46)
- 432 Services incidental to transportation (47)
- 440 Radio and television broadcasting and cable (483, 484)
- 441 Telephone communications (481)
- 442 Telegraph and miscellaneous communications services (482, 489)
- 450 Electric light and power (491)
- 451 Gas and steam supply systems (492, 496)
- 452 Electric and gas, and other combinations (493)
- 470 Water supply and irrigation (494, 497)
- 471 Sanitary services (495)
- 472 Not specified utilities
- 500 Motor vehcls and equipment (501)
- 501 Furniture and home furnishings (502)
- 502 Lumber and construction materials (503)
- 510 Professional and commercial equipment and supplies (504)
- 511 Metals and minerals, except petroleum (505)
- 512 Electrical goods (506)
- 521 Hardware, plumbing and heating supplies (507)
- 530 Machinery, equipment, and supplies (508)
- 531 Scrap and waste materials (5093)
- 532 Miscellaneous wholesale, durable goods (509 except 5093)
- 540 Paper and paper products (511)
- 541 Drugs, chemicals and allied products (512, 516)
- 542 Apparel, fabrics, and notions (513)
- 550 Groceries and related products (514)
- 551 Farm-product raw materials (515)
- 552 Petroleum products (517)
- 560 Alcoholic beverages (518)
- 561 Farm supplies (5191)
- 562 Misc wholesale, nondurable goods (5192-5199)

- 571 Not specified wholesale trade
- 580 Lumber and building material retailing (521, 523)
- 581 Hardware stores (525)
- 582 Stores, Retail nurseries and garden (526)
- 590 Mobile home dealers (527)
- 591 Department stores (531)
- 592 Variety stores (533)
- 600 Stores, misc general merchandise (539)
- 601 Grocery stores (541)
- 602 Stores, dairy products (545)
- 610 Retail bakeries (546)
- 611 Food stores, n.e.c. (542, 543, 544, 549)
- 612 Motor vehicle dealers (551, 552)
- 620 Stores, Auto and home supply (553)
- 621 Gasoline service stations (554)
- 622 Miscellaneous vehicle dealers (555, 556, 557, 559)
- 623 Stores, apparel and accessory, except shoe (56, except 566)
- 630 Shoe stores (566)
- 631 Stores, furniture and home furnishings (571)
- 632 Stores, household appliance (572)
- 633 Stores, radio, TV, and computer (5731, 5734)
- 640 Music stores (5735, 5736)
- 641 Eating and drinking places (58)
- 642 Drug stores (591)
- 650 Liquor stores (592)
- 651 Stores, sporting goods, bicycles, and hobby (5941, 5945, 5946)
- 652 Stores, Book and stationery (5942, 5943)
- 660 Jewelry stores (5944)
- 661 Gift, novelty, and souvenir shops (5947)
- 662 Sewing, needlework and piece goods stores (5949)
- 663 Catalog and mail order houses (5961)
- 670 Vending machine operators (5962)
- 671 Direct selling establishments (5963)
- 672 Fuel dealers (598)
- 681 Retail florists (5992)
- 682 Stores, Miscellaneous retail (593, 5948, 5993-5995, 5999)
- 691 Not specified retail trade
- 700 Banking (60 except 603 and 606)
- 701 Savings institutions, including credit unions (603, 606)
- 702 Credit agencies, n.e.c. (61)
- 710 Security, commodity brokerage, and investment companies (62, 67)
- 711 Insurance (63, 64)
- 712 Real estate, including real estate-insurance offices (65)
- 721 Advertising (731)
- 722 Services to dwellings and other buildings (734)
- 731 Personnel supply services (736)

- 732 Computer and data processing services (737)
- 740 Detective and protective services (7381, 7382)
- 741 Business services, n.e.c. (732, 733, 735, 7383-7389)
- 742 Automotive rental and leasing, w/out drivers (751)
- 750 Automotive parking and carwashes (752, 7542)
- 751 Automotive repair and rel. services (753, 7549)
- 752 Electrical repair shops (762, 7694)
- 760 Misc repair services (763, 764, 7692, 7699)
- 761 Private Households (88)
- 762 Hotels and motels (701)
- 770 Lodging places, except hotels and motels (702, 703, 704)
- 771 Laundry, cleaning, and garment services (721 except part 7219)
- 772 Beauty shops (723)
- 780 Barber shops (724)
- 781 Funeral service and crematories (726)
- 782 Shoe repair shops (725)
- 790 Dressmaking shops (part 7219)
- 791 Misc personal services (722, 729)
- 800 Theaters and motion pictures (781-783, 792)
- 801 Video tape rental (784)
- 802 Bowling centers (793)
- 810 Miscellaneous entertainment and recreation services (791, 794, 799)
- 812 Physicians offices and clinics (801, 803)
- 820 Dentists offices and clinics (802)
- 821 Chiropractors offices and clinics (8041)
- 822 Optometrists offices and clinics (8042)
- 830 Health practitioners offices and clinics, n.e.c. (8043, 8049)
- 831 Hospitals (806)
- 832 Nursing and personal care facilities (805)
- 840 Health services, n.e.c. (807, 808, 809)
- 841 Legal services (81)
- 842 Elementary and secondary schools (821)
- 850 Colleges and universities (822)
- 851 Vocational schools (824)
- 852 Libraries (823)
- 860 Educational services, n.e.c. (829)
- 861 Job training and vocational rehabilitation services (833)
- 862 Child day care services (part 835)
- 863 Family child care homes (part 835)
- 870 Residential care facilities, w/out nursing (836)
- 871 Social services, n.e.c. (832, 839)
- 872 Museums, art galleries, and zoos (84)
- 873 Labor unions (863)
- 880 Religious organizations (866)
- 881 Membership organizations, n.e.c. (861, 862, 864, 865, 869)
- 882 Engineering, architectural, and surveying services (871)

### APPENDIX A5 - INDUSTRY CLASSIFICATION CODES FOR JOBS

- 890 Accounting, auditing, and bookkeeping services (872)
- 891 Research, development, and testing services (873)
- 892 Management and public relations services (874)
- 893 Miscellaneous professional and rel. services (899)
- 900 Executive and legislative offices (911-913)
- 901 General government, n.e.c. (919)
- 910 Justice, public order, and safety (92)
- 921 Public finance, taxation, and monetary policy (93)
- 922 Human resources programs administration(94)
- 930 Environmental quality and housing programs administration(95)
- 931 Economic programs administration(96)
- 932 National security and international affairs (97)
- 991 Persons whose labor force status is unemployed and whose last job was Armed Forces

## Occupation Classification Codes for Jobs

- -1 Not in universe
- 4 Chief executives and general administrators, public administration (112)
- 5 Administrators and officials, public administration (1132-1139)
- 6 Administrators, protective services (1131)
- 7 Financial managers (122)
- 8 Personnel and labor relations managers (123)
- 9 Purchasing managers (124)
- 13 Managers, marketing, advertising, and public relations (125)
- 14 Admin, education and rel. fields (128)
- 15 Managers, medicine and health (131)
- 17 Managers, food serving and lodging establishments (1351)
- 18 Managers, properties and real estate (1353)
- 19 Funeral directors (part 1359)
- 21 Managers, service organizations, n.e.c. (127, 1352, 1354, part 1359)
- 22 Managers and administrators, n.e.c. (121, 126, 132-1343, 136-139)
- 23 Accountants and auditors (1412)
- 24 Underwriters (1414)
- 25 Other financial officers (1415, 1419)
- 26 Management analysts (142)
- 27 Personnel, training, and labor relations specialists (143)
- 28 Purchasing agents and buyers, farm products (1443)
- 29 Buyers, wholesale and retail trade except farm products (1442)
- 33 Purch. agents and buyers, n.e.c. (1449)
- 34 Business and promotion agents (145)
- 35 Construction inspectors (1472)
- 36 Inspectors and compliance officers, except construction (1473)
- 37 Management rel. occupations, n.e.c. (149)
- 43 Architects (161)
- 44 Aerospace engineers(1622)
- 45 Metallurgical and materials engineers (1623)
- 46 Mining engineers (1624)
- 47 Petroleum engineers (1625)
- 48 Chemical engineers (1626)
- 49 Nuclear engineers (1627)
- 53 Civil engineers (1628)
- 54 Agricultural engineers (1632)
- 55 Engineers, electrical and electronic (1633, 1636)
- 56 Engineers, industrial (1634)
- 57 Engineers, mechanical (1635)
- 58 Marine and naval architects (1637)
- 59 Engineers, n.e.c. (1639)
- 63 Surveyors and mapping scientists (164)

- 64 Computer systems analysts and scientists (171)
- 65 Operations and systems researchers and analysts (172)
- 66 Actuaries (1732)
- 67 Statisticians (1733)
- 68 Mathematical scientists, n.e.c. (1739)
- 69 Physicists and astronomers (1842, 1843)
- 73 Chemists, except biochemists (1845)
- 74 Atmospheric and space scientists (1846)
- 75 Geologists and geodesists (1847)
- 76 Physical scientists, n.e.c. (1849)
- 77 Agricultural and food scientists (1853)
- 78 Biological and life scientists (1854)
- 79 Forestry and conservation scientists (1852)
- 83 Medical scientists (1855)
- 84 Physicians (261)
- 85 Dentists (262)
- 86 Veterinarians (27)
- 87 Optometrists (281)
- 88 Podiatrists (283)
- 89 Health diagnosing practitioners, n.e.c. (289)
- 95 Registered nurses (29)
- 96 Pharmacists (301)
- 97 Dietitians (302)
- 98 Respiratory therapists (3031)
- 99 Occupational therapists (3032)
- 103 Physical therapists (3033)
- 104 Speech therapists (3034)
- 105 Therapists, n.e.c. (3039)
- 106 Physicians' assistants (304)
- 113 Earth, environmental, and marine science teachers (2212)
- 114 Biological science teachers (2213)
- 115 Chemistry teachers (2214)
- 116 Physics teachers (2215)
- 117 Natural science teachers, n.e.c. (2216)
- 118 Psychology teachers (2217)
- 119 Economics teachers (2218)
- 123 History teachers (2222)
- 124 Political science teachers (2223)
- 125 Sociology teachers (2224)
- 126 Social science teachers, n.e.c. (2225)
- 127 Engineering teachers (2226)
- 128 Math. science teachers (2227)
- 129 Computer science teachers (2228)
- 133 Medical science teachers (2231)
- 134 Health specialties teachers (2232)
- 135 Business, commerce, and marketing teachers (2233)

- 136 Agriculture and forestry teachers (2234)
- 137 Art, drama, and music teachers (2235)
- 138 Physical education teachers (2236)
- 139 Education teachers (2237)
- 143 English teachers (2238)
- 144 Foreign language teachers (2242)
- 145 Law teachers (2243)
- 146 Social work teachers (2244)
- 147 Theology teachers (2245)
- 148 Trade and industrial teachers (2246)
- 149 Home economics teachers (2247)
- 153 Teachers, postsecondary, n.e.c. (2249)
- 154 Postsecondary teachers, subject not specified
- 155 Teachers, prekindergarten and kindergarten (231)
- 156 Teachers, elementary school (232)
- 157 Teachers, secondary school (233)
- 158 Teachers, special education (235)
- 159 Teachers, n.e.c. (236, 239)
- 163 Counselors, Educational and Vocational (24)
- 164 Librarians (251)
- 165 Archivists and curators (252)
- 166 Economists (1912)
- 167 Psychologists (1915)
- 168 Sociologists (1916)
- 169 Social scientists, n.e.c. (1913, 1914, 1919)
- 173 Urban planners (192)
- 174 Social workers (2032)
- 175 Recreation workers (2033)
- 176 Clergy (2042)
- 177 Religious workers, n.e.c. (2049)
- 178 Lawyers and Judges
- 183 Authors (321)
- 184 Technical writers (398)
- 185 Designers (322)
- 186 Musicians and composers (323)
- 187 Actors and directors (324)
- 188 Painters, sculptors, craft-artists, and artist printmakers (325)
- 189 Photographers (326)
- 193 Dancers (327)
- 194 Artists, performers, and rel. workers, n.e.c. (328,329)
- 195 Editors and reporters (331)
- 197 Public relations specialists (332)
- 198 Announcers (333)
- 199 Athletes (34)
- 203 Clinical laboratory technologists and technicians (362)
- 204 Dental hygienists (363)

- 205 Health record technologists and technicians (364)
- 206 Radiologic technicians (365)
- 207 Licensed practical nurses (366)
- 208 Health technologists and technicians, n.e.c. (369)
- 213 Electrical and electronic technicians (3711)
- 214 Industrial engineering technicians (3712)
- 215 Mechanical engineering technicians (3713)
- 216 Engineering technicians, n.e.c. (3719)
- 217 Drafting occupations (372)
- 218 Surveying and mapping technicians (373)
- 223 Biological technicians (382)
- 224 Chemical technicians (3831)
- 225 Science technicians, n.e.c. (3832, 3833, 384, 389)
- 226 Airplane pilots and navigators (825)
- 227 Air traffic controllers (392)
- 228 Broadcast equipment operators (393)
- 229 Computer programmers (3971, 3972)
- 233 Tool programmers, numerical control (3974)
- 234 Legal assistants (396)
- 235 Technicians, n.e.c. (399)
- 243 Supervisors and Proprietors, Sales Occupations (40)
- 253 Insurance sales occupations (4122)
- 254 Real estate sales occupations (4123)
- 255 Securities and financial services sales occupations (4124)
- 256 Advertising and rel. sales occupations (4153)
- 257 Sales occupations, other business services (4152)
- 258 Sales engineers (421)
- 259 Sales representatives, mining, manufacturing, and wholesale (423, 424)
- 263 Sales workers, motor vehicles and boats (4342, 4344)
- 264 Sales workers, apparel (4346)
- 265 Sales workers, shoes (4351)
- 266 Sales workers, furniture and home furnishings (4348)
- 267 Sales workers, radio, Tv, hi-fi, and appliances (4343, 4352)
- 268 Sales workers, hardware and building supplies (4353)
- 269 Sales workers, parts (4367)
- 274 Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)
- 275 Sales counter clerks (4363)
- 276 Cashiers (4364)
- 277 Street and door-to-door sales workers (4366)
- 278 News vendors (4365)
- 283 Demonstrators, promoters and models, sales (445)
- 284 Auctioneers (447)
- 285 Sales support occupations, n.e.c. (444, 446, 449)
- 303 Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)
- 304 Supervisors, computer equipment operators (4512)
- 305 Supervisors, financial records processing (4521)

- 306 Chief communications operators (4523)
- 307 Supervisors, distribution, scheduling, and adjusting clerks (4522, 4524-4528)
- 308 Computer operators (4612)
- 309 Peripheral equipment operators (4613)
- 313 Secretaries (4622)
- 314 Stenographers (4623)
- 315 Typists (4624)
- 316 Interviewers (4642)
- 317 Hotel clerks (4643)
- 318 Transportation ticket and reservation agents (4644)
- 319 Receptionists (4645)
- 323 Information clerks, n.e.c. (4649)
- 325 Classified-ad clerks (4662)
- 326 Correspondence clerks (4663)
- 327 Order clerks (4664)
- 328 Personnel clerks, except payroll and timekeeping (4692)
- 329 Library clerks (4694)
- 335 File clerks (4696)
- 336 Records clerks (4699)
- 337 Bookkeepers, accounting, and auditing clerks (4712)
- 338 Payroll and timekeeping clerks (4713)
- 339 Billing clerks (4715)
- 343 Cost and rate clerks (4716)
- 344 Billing, posting, and calculating machine operators (4718)
- 345 Duplicating machine operators (4722)
- 346 Mail preparing and paper handling machine operators (4723)
- 347 Office mach. operators, n.e.c. (4729)
- 348 Telephone operators (4732)
- 353 Communications equipment operators, n.e.c. (4733, 4739)
- 354 Postal clerks, except mail carriers (4742)
- 355 Mail carriers, postal service (4743)
- 356 Mail clerks, except postal service (4744)
- 357 Messengers (4745)
- 359 Dispatchers (4751)
- 363 Production coordinators (4752)
- 364 Traffic, shipping, and receiving clerks (4753)
- 365 Stock and inventory clerks (4754)
- 366 Meter readers (4755)
- 368 Weighers, measurers, checkers, and samplers (4756, 4757)
- 373 Expediters (4758)
- 374 Material recording, scheduling, and distributing clerks, n.e.c. (4759)
- 375 Insurance adjusters, examiners, and investigators (4782)
- 376 Investigators and adjusters, except insurance (4783)
- 377 Eligibility clerks, social welfare (4784)
- 378 Bill and account collectors (4786)
- 379 General office clerks (463)

- 383 Bank tellers (4791)
- 384 Proofreaders (4792)
- 385 Data-entry keyers (4793)
- 386 Statistical clerks (4794)
- 387 Teachers' aides (4795)
- 389 Administrative support occupations, n.e.c. (4787, 4799)
- 403 Launderers and ironers (503)
- 404 Cooks, private household (504)
- 405 Housekeepers and butlers (505)
- 406 Child care workers, private hhld (506)
- 407 Private hhld cleaners and servants (502, 507, 509)
- 413 Supervisors, firefighting and fire prevention occupations(5111)
- 414 Supervisors, police and detectives (5112)
- 415 Supervisors, guards (5113)
- 416 Fire inspection and fire prevention occupations (5122)
- 417 Firefighting occupations (5123)
- 418 Police and detectives, public service (5132)
- 423 Sheriffs, bailiffs, and other law enforcement officers(5134)
- 424 Correctional institution officers (5133)
- 425 Crossing guards (5142)
- 426 Guards and police, except public service (5144)
- 427 Protective service occupations, n.e.c. (5149)
- 433 Supervisors, food preparation and service occupations(5211)
- 434 Bartenders (5212)
- 435 Waiters and waitresses (5213)
- 436 Cooks (5214, 5215)
- 438 Food counter, fountain and rel. occupations (5216)
- 439 Kitchen workers, food preparation (5217)
- 443 Waiters'/waitresses' assistants (5218)
- 444 Miscellaneous food preparation occupations (5219)
- 445 Dental assistants (5232)
- 446 Health aides, except nursing (5233)
- 447 Nursing aides, orderlies, and attendants (5236)
- 448 Supervisors, cleaning and building service workers (5241)
- 449 Maids and housemen (5242, 5249)
- 453 Janitors and cleaners (5244)
- 454 Elevator operators (5245)
- 455 Pest control occupations (5246)
- 456 Supervisors, personal service occupations (5251)
- 457 Barbers (5252)
- 458 Hairdressers and cosmetologists (5253)
- 459 Attendants, amusement and recreation facilities (5254)
- 461 Guides (5255)
- 462 Ushers (5256)
- 463 Public transportation attendants (5257)
- 464 Baggage porters and bellhops (5262)

- 465 Welfare service aides (5263)
- 466 Family child care providers (part 5264)
- 467 Early childhood teacher's assistants (part 5264)
- 468 Child care wrkrs, n.e.c. (part 5264)
- 469 Personal service occupations, n.e.c. (5258, 5269)
- 473 Farmers, except horticultural (5512-5514)
- 474 Horticultural specialty farmers (5515)
- 475 Managers, farms, except horticultural (5522-5524)
- 476 Managers, horticultural specialty farms (5525)
- 477 Supervisors, farm workers (5611)
- 479 Farm workers (5612-5617)
- 483 Marine life cultivation workers (5618)
- 484 Nursery workers (5619)
- 485 Supervisors, rel. agricultural occupations (5621)
- 486 Groundskeepers and gardeners, except farm (5622)
- 487 Animal caretakers, except farm (5624)
- 488 Grader and sorter, agricultural products (5625)
- 489 Inspectors, agricultural products (5627)
- 494 Supervisors, forestry and logging workers (571)
- 495 Forestry workers, except logging (572)
- 496 Timber cutting and logging occupations (573, 579)
- 497 Captains and other officers, fishing vessels (part 8241)
- 498 Fishers (583)
- 499 Hunters and trappers (584)
- 503 Supervisors, mechanics and repairers (60)
- 505 Automobile mechanics (part 6111)
- 506 Auto mechanic apprentices (part 6111)
- 507 Bus, truck, and stationary engine mechanics (6112)
- 508 Aircraft engine mechanics (6113)
- 509 Small engine repairers (6114)
- 514 Automobile body and rel. repairers (6115)
- 515 Aircraft mechanics, except engine (6116)
- 516 Heavy equipment mechanics (6117)
- 517 Farm equipment mechanics (6118)
- 518 Industrial machinery repairers (613)
- 519 Machinery maintenance occupations (614)
- 523 Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
- 525 Data processing equipment repairers (6154)
- 526 Hhld appliance and power tool repairers (6156)
- 527 Telephone line installers and repairers (6157)
- 529 Telephone installers and repairers (6158)
- 533 Miscellaneous electrical and electronic equipment repairers (6152, 6159)
- 534 Heating, air conditioning, and refrigeration mechanics (616)
- 535 Camera, watch, and musical instrument repairers (6171, 6172)
- 536 Locksmiths and safe repairers (6173)
- 538 Office machine repairers (6174)

#### APPENDIX A6 - OCCUPATION CLASSIFICATION CODES FOR JOBS

- 539 Mechanical controls and valve repairers (6175)
- 543 Elevator installers and repairers (6176)
- 544 Millwrights (6178)
- 547 Specified mechanics and repairers, n.e.c. (6177, 6179)
- 549 Not specified mechanics and repairers
- 553 Supervisors, brickmasons, stonemasons, and tile setters (6312)
- 554 Supervisors, carpenters and rel. workers (6313)
- 555 Supervisors, electricians and power transmission installers (6314)
- 556 Supervisors, painters, paperhangers, and plasterers (6315)
- 557 Supervisors, plumbers, pipefitters, and steamfitters (6316)
- 558 Supervisors, construction, n.e.c. (6311, 6318)
- 563 Brickmasons and stonemasons (part 6412, part 6413)
- 564 Brickmason and stonemason apprentices (part 6412, part 6413)
- 565 Tile setters, hard and soft (part 6414, part 6462)
- 566 Carpet installers (part 6462)
- 567 Carpenters (part 6422)
- 569 Carpenter apprentices (part 6422)
- 573 Drywall installers (6424)
- 575 Electricians (part 6432)
- 576 Electrician apprentices (part 6432)
- 577 Electrical power installers and repairers (6433)
- 579 Painters, construction and maintenance (6442)
- 583 Paperhangers (6443)
- 584 Plasterers (6444)
- 585 Plumbers, pipefitters, and steamfitters (part 645)
- 587 Plumber, pipefitter, and steamfitter apprentices (part 645)
- 588 Concrete and terrazzo finishers (6463)
- 589 Glaziers (6464)
- 593 Insulation workers (6465)
- 594 Paving, surfacing, and tamping equipment operators (6466)
- 595 Roofers (6468)
- 596 Sheetmetal duct installers (6472)
- 597 Structural metal workers (6473)
- 598 Drillers, earth (6474)
- 599 Construction trades, n.e.c. (6467, 6475, 6476, 6479)
- 613 Supervisors, extractive occupations (632)
- 614 Drillers, oil well (652)
- 615 Explosives workers (653)
- 616 Mining machine operators (654)
- 617 Mining occupations, n.e.c. (656)
- 628 Supervisors, production occupations (67, 71)
- 634 Tool and die makers (part 6811)
- 635 Tool and die mkr apprentices (part 6811)
- 636 Precision assemblers, metal (6812)
- 637 Machinists (part 6813)
- 639 Machinist apprentices (part 6813)

- 643 Boilermakers (6814)
- 644 Precision grinders, filers, and tool sharpeners (6816)
- 645 Patternmakers and model makers, metal (6817)
- 646 Lay-out workers (6821)
- 647 Precious stones and metals workers (Jewelers) (6822, 6866)
- 649 Engravers, metal (6823)
- 653 Sheet metal workers (part 6824)
- 654 Sheet metal wrkr apprentices (part 6824)
- 655 Misc precision metal workers (6829)
- 656 Patternmkrs and model makers, wood (6831)
- 657 Cabinet makers and bench carpenters (6832)
- 658 Furniture and wood finishers (6835)
- 659 Misc precision woodworkers (6839)
- 666 Dressmakers (part 6852, part 7752)
- 667 Tailors (part 6852)
- 668 Upholsterers (6853)
- 669 Shoe repairers (6854)
- 674 Misc precision apparel and fabric workers (6856, 6859, part 7752)
- 675 Hand molders and shapers, except jewelers (6861)
- 676 Patternmakers, lay-out workers, and cutters (6862)
- 677 Optical goods workers (6864, part 7477, part 7677)
- 678 Dental laboratory and medical appliance technicians (6865)
- 679 Bookbinders (6844)
- 683 Electrical/electronic equipment assemblers (6867)
- 684 Msc precision workers, n.e.c. (6869)
- 686 Butchers and meat cutters (6871)
- 687 Bakers (6872)
- 688 Food batchmakers (6873, 6879)
- 689 Inspectors, testers, and graders (6881, 828)
- 693 Adjusters and calibrators (6882)
- 694 Water and sewage treatment plant operators (691)
- 695 Power plant operators (part 693)
- 696 Stationary engineers (part 693, 7668)
- 699 Miscellaneous plant and system operators (692, 694, 695, 696)
- 703 Set-up operators, lathe and turning machine (7312)
- 704 Operators, lathe and turning machine (7512)
- 705 Milling and planing machine operators (7313, 7513)
- 706 Punching and stamping press machine operators (7314, 7317, 7514, 7517)
- 707 Rolling machine operators (7316, 7516)
- 708 Drilling and boring machine operators (7318, 7518)
- 709 Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
- 713 Forging machine operators (7319, 7519)
- 714 Numerical control machine operators (7326)
- 715 Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
- 717 Fabricating machine operators, n.e.c. (7339, 7539)
- 719 Molding and casting machine operators (7315, 7342, 7515, 7524)

- 723 Metal plating machine operators (7343, 7543)
- 724 Heat treating equipment operators (7344, 7544)
- 725 Misc metal and plastic processing machine operators (7349, 7549)
- 726 Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
- 727 Sawing machine operators (7433, 7633)
- 728 Shaping and joining machine operators (7435, 7635)
- 729 Nailing and tacking machine operators (7636)
- 733 Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)
- 734 Printing press operators (7443, 7643)
- 735 Photoengravers and lithographers (6842, 7444, 7644)
- 736 Typesetters and compositors (6841, 7642)
- 737 Miscellaneous printing machine operators (6849, 7449, 7649
- 738 Winding and twisting machine operators (7451, 7651)
- 739 Knitting, looping, taping, and weaving machine operators (7452, 7652)
- 743 Textile cutting machine operators (7654)
- 744 Textile sewing machine operators (7655)
- 745 Shoe machine operators (7656)
- 747 Pressing machine operators (7657)
- 748 Laundering and dry cleaning machine operators (6855, 7658)
- 749 Miscellaneous textile machine operators (7459, 7659)
- 753 Cementing and gluing machine operators (7661)
- 754 Packaging and filling machine operators (7462, 7662)
- 755 Extruding and forming machine operators (7463, 7663)
- 756 Mixing and blending machine operators (7664)
- 757 Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
- 758 Compressing and compacting machine operators (7467, 7667)
- 759 Painting and paint spraying machine operators (7669)
- 763 Roasting and baking machine operators, food (7472, 7672)
- 764 Washing, cleaning, and pickling machine operators (7673)
- 765 Folding machine operators (7474, 7674)
- 766 Furnace, kiln, and oven operators, except food (7675)
- 768 Crushing and grinding machine operators (part 7477, part 7677)
- 769 Slicing and cutting machine operators (7478, 7678)
- 773 Motion picture projectionists (part 7479)
- 774 Photographic process machine operators (6863, 6868, 7671)
- 777 Miscellaneous machine operators, n.e.c. (part 7479, 7665, 7679)
- 779 Machine operators, not specified
- 783 Welders and cutters (7332, 7532, 7714)
- 784 Solderers and brazers (7333, 7533, 7717)
- 785 Assemblers (772, 774)
- 786 Hand cutting and trimming occupations (7753)
- 787 Hand molding, casting, and forming occupations (7754, 7755)
- 789 Hand painting, coating, and decorating occupations (7756)
- 793 Hand engraving and printing occupations (7757)
- 795 Miscellaneous hand working occupations (7758, 7759)
- 796 Production inspectors, checkers, and examiners (782, 787)

- 797 Production testers (783)
- 798 Production samplers and weighers (784)
- 799 Graders and sorters, except agricultural (785)
- 803 Supervisors, motor vehicle operators (8111)
- 804 Truck drivers (8212-8214)
- 806 Driver-sales workers (8218)
- 808 Bus drivers (8215)
- 809 Taxicab drivers and chauffeurs (8216)
- 813 Parking lot attendants (874)
- 814 Motor transportation occupations, n.e.c. (8219)
- 823 Railroad conductors and yardmasters (8113)
- 824 Locomotive operating occupations (8232)
- 825 Railroad brake, signal, and switch operators (8233)
- 826 Rail vehicle operators, n.e.c. (8239)
- 828 Ship captains and mates, except fishing boats (part 8241, 8242)
- 829 Sailors and deckhands (8243)
- 833 Marine engineers (8244)
- 834 Bridge, lock, and lighthouse tenders (8245)
- 843 Supervisors, material moving equipment operators (812)
- 844 Operating engineers (8312)
- 845 Longshore equipment operators (8313)
- 848 Hoist and winch operators (8314)
- 849 Crane and tower operators (8315)
- 853 Excavating and loading machine operators (8316)
- 855 Grader, dozer, and scraper operators (8317)
- 856 Industrial truck and tractor equipment operators (8318)
- 859 Misc material moving equipment operators (8319)
- 864 Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
- 865 Helpers, mechanics, and repairers (863)
- 866 Helpers, construction trades (8641-8645, 8648)
- 867 Helpers, surveyor (8646)
- 868 Helpers, extractive occupations (865)
- 869 Construction laborers (871)
- 874 Production helpers (861, 862)
- 875 Garbage collectors (8722)
- 876 Stevedores (8723)
- 877 Stock handlers and baggers (8724)
- 878 Machine feeders and offbearers (8725)
- 883 Freight, stock, and material handlers, n.e.c. (8726)
- 885 Garage and service station rel. occupations (873)
- 887 Vehicle washers and equipment cleaners (875)
- 888 Hand packers and packagers (8761)
- 889 Laborers, except construction (8769)
- 905 Persons whose current labor force status is unemployed and last job was Armed Forces

## Occupation Classification Codes for Businesses

- -1 Not in universe
- 4 Chief executives and general administrators, public administration (112)
- 5 Administrators and officials, public administration (1132-1139)
- 6 Administrators, protective services (1131)
- 7 Financial managers (122)
- 8 Personnel and labor relations managers (123)
- 9 Purchasing managers (124)
- 13 Managers, marketing, advertising, and public relations (125)
- 14 Admin, education and rel. fields (128)
- 15 Managers, medicine and health (131)
- 17 Managers, food serving and lodging establishments (1351)
- 18 Managers, properties and real estate (1353)
- 19 Funeral directors (part 1359)
- 21 Managers, service organizations, n.e.c. (127, 1352, 1354, part 1359)
- 22 Managers and administrators, n.e.c. (121, 126, 132-1343, 136-139)
- 23 Accountants and auditors (1412)
- 24 Underwriters (1414)
- 25 Other financial officers (1415, 1419)
- 26 Management analysts (142)
- 27 Personnel, training, and labor relations specialists (143)
- 28 Purchasing agents and buyers, farm products (1443)
- 29 Buyers, wholesale and retail trade except farm products (1442)
- 33 Purch. agents and buyers, n.e.c. (1449)
- 34 Business and promotion agents (145)
- 35 Construction inspectors (1472)
- 36 Inspectors and compliance officers, except construction (1473)
- 37 Management rel. occupations, n.e.c. (149)
- 43 Architects (161)
- 44 Aerospace engineers(1622)
- 45 Metallurgical and materials engineers (1623)
- 46 Mining engineers (1624)
- 47 Petroleum engineers (1625)
- 48 Chemical engineers (1626)
- 49 Nuclear engineers (1627)
- 53 Civil engineers (1628)
- 54 Agricultural engineers (1632)
- 55 Engineers, electrical and electronic (1633, 1636)
- 56 Engineers, industrial (1634)
- 57 Engineers, mechanical (1635)
- 58 Marine and naval architects (1637)
- 59 Engineers, n.e.c. (1639)
- 63 Surveyors and mapping scientists (164)

#### APPENDIX A7 - OCCUPATION CLASSIFICATION CODES FOR BUSINESSES

- 64 Computer systems analysts and scientists (171)
- 65 Operations and systems researchers and analysts (172)
- 66 Actuaries (1732)
- 67 Statisticians (1733)
- 68 Mathematical scientists, n.e.c. (1739)
- 69 Physicists and astronomers (1842, 1843)
- 73 Chemists, except biochemists (1845)
- 74 Atmospheric and space scientists (1846)
- 75 Geologists and geodesists (1847)
- 76 Physical scientists, n.e.c. (1849)
- 77 Agricultural and food scientists (1853)
- 78 Biological and life scientists (1854)
- 79 Forestry and conservation scientists (1852)
- 83 Medical scientists (1855)
- 84 Physicians (261)
- 85 Dentists (262)
- 86 Veterinarians (27)
- 87 Optometrists (281)
- 88 Podiatrists (283)
- 89 Health diagnosing practitioners, n.e.c. (289)
- 95 Registered nurses (29)
- 96 Pharmacists (301)
- 97 Dietitians (302)
- 98 Respiratory therapists (3031)
- 99 Occupational therapists (3032)
- 103 Physical therapists (3033)
- 104 Speech therapists (3034)
- 105 Therapists, n.e.c. (3039)
- 106 Physicians' assistants (304)
- 113 Earth, environmental, and marine science teachers (2212)
- 114 Biological science teachers (2213)
- 115 Chemistry teachers (2214)
- 116 Physics teachers (2215)
- 117 Natural science teachers, n.e.c. (2216)
- 118 Psychology teachers (2217)
- 119 Economics teachers (2218)
- 123 History teachers (2222)
- 124 Political science teachers (2223)
- 125 Sociology teachers (2224)
- 126 Social science teachers, n.e.c. (2225)
- 127 Engineering teachers (2226)
- 128 Math. science teachers (2227)
- 129 Computer science teachers (2228)
- 133 Medical science teachers (2231)
- 134 Health specialties teachers (2232)
- 135 Business, commerce, and marketing teachers (2233)

- 136 Agriculture and forestry teachers (2234)
- 137 Art, drama, and music teachers (2235)
- 138 Physical education teachers (2236)
- 139 Education teachers (2237)
- 143 English teachers (2238)
- 144 Foreign language teachers (2242)
- 145 Law teachers (2243)
- 146 Social work teachers (2244)
- 147 Theology teachers (2245)
- 148 Trade and industrial teachers (2246)
- 149 Home economics teachers (2247)
- 153 Teachers, postsecondary, n.e.c. (2249)
- 154 Postsecondary teachers, subject not specified
- 155 Teachers, prekindergarten and kindergarten (231)
- 156 Teachers, elementary school (232)
- 157 Teachers, secondary school (233)
- 158 Teachers, special education (235)
- 159 Teachers, n.e.c. (236, 239)
- 163 Counselors, Educational and Vocational (24)
- 164 Librarians (251)
- 165 Archivists and curators (252)
- 166 Economists (1912)
- 167 Psychologists (1915)
- 168 Sociologists (1916)
- 169 Social scientists, n.e.c. (1913, 1914, 1919)
- 173 Urban planners (192)
- 174 Social workers (2032)
- 175 Recreation workers (2033)
- 176 Clergy (2042)
- 177 Religious workers, n.e.c. (2049)
- 178 Lawyers and Judges
- 183 Authors (321)
- 184 Technical writers (398)
- 185 Designers (322)
- 186 Musicians and composers (323)
- 187 Actors and directors (324)
- 188 Painters, sculptors, craft-artists, and artist printmakers (325)
- 189 Photographers (326)
- 193 Dancers (327)
- 194 Artists, performers, and rel. workers, n.e.c. (328,329)
- 195 Editors and reporters (331)
- 197 Public relations specialists (332)
- 198 Announcers (333)
- 199 Athletes (34)
- 203 Clinical laboratory technologists and technicians (362)
- 204 Dental hygienists (363)

#### APPENDIX A7 - OCCUPATION CLASSIFICATION CODES FOR BUSINESSES

- 205 Health record technologists and technicians (364)
- 206 Radiologic technicians (365)
- 207 Licensed practical nurses (366)
- 208 Health technologists and technicians, n.e.c. (369)
- 213 Electrical and electronic technicians (3711)
- 214 Industrial engineering technicians (3712)
- 215 Mechanical engineering technicians (3713)
- 216 Engineering technicians, n.e.c. (3719)
- 217 Drafting occupations (372)
- 218 Surveying and mapping technicians (373)
- 223 Biological technicians (382)
- 224 Chemical technicians (3831)
- 225 Science technicians, n.e.c. (3832, 3833, 384, 389)
- 226 Airplane pilots and navigators (825)
- 227 Air traffic controllers (392)
- 228 Broadcast equipment operators (393)
- 229 Computer programmers (3971, 3972)
- 233 Tool programmers, numerical control (3974)
- 234 Legal assistants (396)
- 235 Technicians, n.e.c. (399)
- 243 Supervisors and Proprietors, Sales Occupations (40)
- 253 Insurance sales occupations (4122)
- 254 Real estate sales occupations (4123)
- 255 Securities and financial services sales occupations (4124)
- 256 Advertising and rel. sales occupations (4153)
- 257 Sales occupations, other business services (4152)
- 258 Sales engineers (421)
- 259 Sales representatives, mining, manufacturing, and wholesale (423, 424)
- 263 Sales workers, motor vehicles and boats (4342, 4344)
- 264 Sales workers, apparel (4346)
- 265 Sales workers, shoes (4351)
- 266 Sales workers, furniture and home furnishings (4348)
- 267 Sales workers, radio, Tv, hi-fi, and appliances (4343, 4352)
- 268 Sales workers, hardware and building supplies (4353)
- 269 Sales workers, parts (4367)
- 274 Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)
- 275 Sales counter clerks (4363)
- 276 Cashiers (4364)
- 277 Street and door-to-door sales workers (4366)
- 278 News vendors (4365)
- 283 Demonstrators, promoters and models, sales (445)
- 284 Auctioneers (447)
- 285 Sales support occupations, n.e.c. (444, 446, 449)
- 303 Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)
- 304 Supervisors, computer equipment operators (4512)
- 305 Supervisors, financial records processing (4521)

- 306 Chief communications operators (4523)
- 307 Supervisors, distribution, scheduling, and adjusting clerks (4522, 4524-4528)
- 308 Computer operators (4612)
- 309 Peripheral equipment operators (4613)
- 313 Secretaries (4622)
- 314 Stenographers (4623)
- 315 Typists (4624)
- 316 Interviewers (4642)
- 317 Hotel clerks (4643)
- 318 Transportation ticket and reservation agents (4644)
- 319 Receptionists (4645)
- 323 Information clerks, n.e.c. (4649)
- 325 Classified-ad clerks (4662)
- 326 Correspondence clerks (4663)
- 327 Order clerks (4664)
- 328 Personnel clerks, except payroll and timekeeping (4692)
- 329 Library clerks (4694)
- 335 File clerks (4696)
- 336 Records clerks (4699)
- 337 Bookkeepers, accounting, and auditing clerks (4712)
- 338 Payroll and timekeeping clerks (4713)
- 339 Billing clerks (4715)
- 343 Cost and rate clerks (4716)
- 344 Billing, posting, and calculating machine operators (4718)
- 345 Duplicating machine operators (4722)
- 346 Mail preparing and paper handling machine operators (4723)
- 347 Office mach. operators, n.e.c. (4729)
- 348 Telephone operators (4732)
- 353 Communications equipment operators, n.e.c. (4733, 4739)
- 354 Postal clerks, except mail carriers (4742)
- 355 Mail carriers, postal service (4743)
- 356 Mail clerks, except postal service (4744)
- 357 Messengers (4745)
- 359 Dispatchers (4751)
- 363 Production coordinators (4752)
- 364 Traffic, shipping, and receiving clerks (4753)
- 365 Stock and inventory clerks (4754)
- 366 Meter readers (4755)
- 368 Weighers, measurers, checkers, and samplers (4756, 4757)
- 373 Expediters (4758)
- 374 Material recording, scheduling, and distributing clerks, n.e.c. (4759)
- 375 Insurance adjusters, examiners, and investigators (4782)
- 376 Investigators and adjusters, except insurance (4783)
- 377 Eligibility clerks, social welfare (4784)
- 378 Bill and account collectors (4786)
- 379 General office clerks (463)

#### APPENDIX A7 - OCCUPATION CLASSIFICATION CODES FOR BUSINESSES

- 383 Bank tellers (4791)
- 384 Proofreaders (4792)
- 385 Data-entry keyers (4793)
- 386 Statistical clerks (4794)
- 387 Teachers' aides (4795)
- 389 Administrative support occupations, n.e.c. (4787, 4799)
- 403 Launderers and ironers (503)
- 404 Cooks, private household (504)
- 405 Housekeepers and butlers (505)
- 406 Child care workers, private hhld (506)
- 407 Private hhld cleaners and servants (502, 507, 509)
- 413 Supervisors, firefighting and fire prevention occupations(5111)
- 414 Supervisors, police and detectives (5112)
- 415 Supervisors, guards (5113)
- 416 Fire inspection and fire prevention occupations (5122)
- 417 Firefighting occupations (5123)
- 418 Police and detectives, public service (5132)
- 423 Sheriffs, bailiffs, and other law enforcement officers(5134)
- 424 Correctional institution officers (5133)
- 425 Crossing guards (5142)
- 426 Guards and police, except public service (5144)
- 427 Protective service occupations, n.e.c. (5149)
- 433 Supervisors, food preparation and service occupations(5211)
- 434 Bartenders (5212)
- 435 Waiters and waitresses (5213)
- 436 Cooks (5214, 5215)
- 438 Food counter, fountain and rel. occupations (5216)
- 439 Kitchen workers, food preparation (5217)
- 443 Waiters'/waitresses' assistants (5218)
- 444 Miscellaneous food preparation occupations (5219)
- 445 Dental assistants (5232)
- 446 Health aides, except nursing (5233)
- 447 Nursing aides, orderlies, and attendants (5236)
- 448 Supervisors, cleaning and building service workers (5241)
- 449 Maids and housemen (5242, 5249)
- 453 Janitors and cleaners (5244)
- 454 Elevator operators (5245)
- 455 Pest control occupations (5246)
- 456 Supervisors, personal service occupations (5251)
- 457 Barbers (5252)
- 458 Hairdressers and cosmetologists (5253)
- 459 Attendants, amusement and recreation facilities (5254)
- 461 Guides (5255)
- 462 Ushers (5256)
- 463 Public transportation attendants (5257)
- 464 Baggage porters and bellhops (5262)

- 465 Welfare service aides (5263)
- 466 Family child care providers (part 5264)
- 467 Early childhood teacher's assistants (part 5264)
- 468 Child care wrkrs, n.e.c. (part 5264)
- 469 Personal service occupations, n.e.c. (5258, 5269)
- 473 Farmers, except horticultural (5512-5514)
- 474 Horticultural specialty farmers (5515)
- 475 Managers, farms, except horticultural (5522-5524)
- 476 Managers, horticultural specialty farms (5525)
- 477 Supervisors, farm workers (5611)
- 479 Farm workers (5612-5617)
- 483 Marine life cultivation workers (5618)
- 484 Nursery workers (5619)
- 485 Supervisors, rel. agricultural occupations (5621)
- 486 Groundskeepers and gardeners, except farm (5622)
- 487 Animal caretakers, except farm (5624)
- 488 Grader and sorter, agricultural products (5625)
- 489 Inspectors, agricultural products (5627)
- 494 Supervisors, forestry and logging workers (571)
- 495 Forestry workers, except logging (572)
- 496 Timber cutting and logging occupations (573, 579)
- 497 Captains and other officers, fishing vessels (part 8241)
- 498 Fishers (583)
- 499 Hunters and trappers (584)
- 503 Supervisors, mechanics and repairers (60)
- 505 Automobile mechanics (part 6111)
- 506 Auto mechanic apprentices (part 6111)
- 507 Bus, truck, and stationary engine mechanics (6112)
- 508 Aircraft engine mechanics (6113)
- 509 Small engine repairers (6114)
- 514 Automobile body and rel. repairers (6115)
- 515 Aircraft mechanics, except engine (6116)
- 516 Heavy equipment mechanics (6117)
- 517 Farm equipment mechanics (6118)
- 518 Industrial machinery repairers (613)
- 519 Machinery maintenance occupations (614)
- 523 Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
- 525 Data processing equipment repairers (6154)
- 526 Hhld appliance and power tool repairers (6156)
- 527 Telephone line installers and repairers (6157)
- 529 Telephone installers and repairers (6158)
- 533 Miscellaneous electrical and electronic equipment repairers (6152, 6159)
- 534 Heating, air conditioning, and refrigeration mechanics (616)
- 535 Camera, watch, and musical instrument repairers (6171, 6172)
- 536 Locksmiths and safe repairers (6173)
- 538 Office machine repairers (6174)

#### APPENDIX A7 - OCCUPATION CLASSIFICATION CODES FOR BUSINESSES

- 539 Mechanical controls and valve repairers (6175)
- 543 Elevator installers and repairers (6176)
- 544 Millwrights (6178)
- 547 Specified mechanics and repairers, n.e.c. (6177, 6179)
- 549 Not specified mechanics and repairers
- 553 Supervisors, brickmasons, stonemasons, and tile setters (6312)
- 554 Supervisors, carpenters and rel. workers (6313)
- 555 Supervisors, electricians and power transmission installers (6314)
- 556 Supervisors, painters, paperhangers, and plasterers (6315)
- 557 Supervisors, plumbers, pipefitters, and steamfitters (6316)
- 558 Supervisors, construction, n.e.c. (6311, 6318)
- 563 Brickmasons and stonemasons (part 6412, part 6413)
- 564 Brickmason and stonemason apprentices (part 6412, part 6413)
- 565 Tile setters, hard and soft (part 6414, part 6462)
- 566 Carpet installers (part 6462)
- 567 Carpenters (part 6422)
- 569 Carpenter apprentices (part 6422)
- 573 Drywall installers (6424)
- 575 Electricians (part 6432)
- 576 Electrician apprentices (part 6432)
- 577 Electrical power installers and repairers (6433)
- 579 Painters, construction and maintenance (6442)
- 583 Paperhangers (6443)
- 584 Plasterers (6444)
- 585 Plumbers, pipefitters, and steamfitters (part 645)
- 587 Plumber, pipefitter, and steamfitter apprentices (part 645)
- 588 Concrete and terrazzo finishers (6463)
- 589 Glaziers (6464)
- 593 Insulation workers (6465)
- 594 Paving, surfacing, and tamping equipment operators (6466)
- 595 Roofers (6468)
- 596 Sheetmetal duct installers (6472)
- 597 Structural metal workers (6473)
- 598 Drillers, earth (6474)
- 599 Construction trades, n.e.c. (6467, 6475, 6476, 6479)
- 613 Supervisors, extractive occupations (632)
- 614 Drillers, oil well (652)
- 615 Explosives workers (653)
- 616 Mining machine operators (654)
- 617 Mining occupations, n.e.c. (656)
- 628 Supervisors, production occupations (67, 71)
- 634 Tool and die makers (part 6811)
- 635 Tool and die mkr apprentices (part 6811)
- 636 Precision assemblers, metal (6812)
- 637 Machinists (part 6813)
- 639 Machinist apprentices (part 6813)

- 643 Boilermakers (6814)
- 644 Precision grinders, filers, and tool sharpeners (6816)
- 645 Patternmakers and model makers, metal (6817)
- 646 Lay-out workers (6821)
- 647 Precious stones and metals workers (Jewelers) (6822, 6866)
- 649 Engravers, metal (6823)
- 653 Sheet metal workers (part 6824)
- 654 Sheet metal wrkr apprentices (part 6824)
- 655 Misc precision metal workers (6829)
- 656 Patternmkrs and model makers, wood (6831)
- 657 Cabinet makers and bench carpenters (6832)
- 658 Furniture and wood finishers (6835)
- 659 Misc precision woodworkers (6839)
- 666 Dressmakers (part 6852, part 7752)
- 667 Tailors (part 6852)
- 668 Upholsterers (6853)
- 669 Shoe repairers (6854)
- 674 Misc precision apparel and fabric workers (6856, 6859, part 7752)
- 675 Hand molders and shapers, except jewelers (6861)
- 676 Patternmakers, lay-out workers, and cutters (6862)
- 677 Optical goods workers (6864, part 7477, part 7677)
- 678 Dental laboratory and medical appliance technicians (6865)
- 679 Bookbinders (6844)
- 683 Electrical/electronic equipment assemblers (6867)
- 684 Msc precision workers, n.e.c. (6869)
- 686 Butchers and meat cutters (6871)
- 687 Bakers (6872)
- 688 Food batchmakers (6873, 6879)
- 689 Inspectors, testers, and graders (6881, 828)
- 693 Adjusters and calibrators (6882)
- 694 Water and sewage treatment plant operators (691)
- 695 Power plant operators (part 693)
- 696 Stationary engineers (part 693, 7668)
- 699 Miscellaneous plant and system operators (692, 694, 695, 696)
- 703 Set-up operators, lathe and turning machine (7312)
- 704 Operators, lathe and turning machine (7512)
- 705 Milling and planing machine operators (7313, 7513)
- 706 Punching and stamping press machine operators (7314, 7317, 7514, 7517)
- 707 Rolling machine operators (7316, 7516)
- 708 Drilling and boring machine operators (7318, 7518)
- 709 Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
- 713 Forging machine operators (7319, 7519)
- 714 Numerical control machine operators (7326)
- 715 Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
- 717 Fabricating machine operators, n.e.c. (7339, 7539)
- 719 Molding and casting machine operators (7315, 7342, 7515, 7524)

#### APPENDIX A7 - OCCUPATION CLASSIFICATION CODES FOR BUSINESSES

- 723 Metal plating machine operators (7343, 7543)
- 724 Heat treating equipment operators (7344, 7544)
- 725 Misc metal and plastic processing machine operators (7349, 7549)
- 726 Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
- 727 Sawing machine operators (7433, 7633)
- 728 Shaping and joining machine operators (7435, 7635)
- 729 Nailing and tacking machine operators (7636)
- 733 Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)
- 734 Printing press operators (7443, 7643)
- 735 Photoengravers and lithographers (6842, 7444, 7644)
- 736 Typesetters and compositors (6841, 7642)
- 737 Miscellaneous printing machine operators (6849, 7449, 7649
- 738 Winding and twisting machine operators (7451, 7651)
- 739 Knitting, looping, taping, and weaving machine operators (7452, 7652)
- 743 Textile cutting machine operators (7654)
- 744 Textile sewing machine operators (7655)
- 745 Shoe machine operators (7656)
- 747 Pressing machine operators (7657)
- 748 Laundering and dry cleaning machine operators (6855, 7658)
- 749 Miscellaneous textile machine operators (7459, 7659)
- 753 Cementing and gluing machine operators (7661)
- 754 Packaging and filling machine operators (7462, 7662)
- 755 Extruding and forming machine operators (7463, 7663)
- 756 Mixing and blending machine operators (7664)
- 757 Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
- 758 Compressing and compacting machine operators (7467, 7667)
- 759 Painting and paint spraying machine operators (7669)
- 763 Roasting and baking machine operators, food (7472, 7672)
- 764 Washing, cleaning, and pickling machine operators (7673)
- 765 Folding machine operators (7474, 7674)
- 766 Furnace, kiln, and oven operators, except food (7675)
- 768 Crushing and grinding machine operators (part 7477, part 7677)
- 769 Slicing and cutting machine operators (7478, 7678)
- 773 Motion picture projectionists (part 7479)
- 774 Photographic process machine operators (6863, 6868, 7671)
- 777 Miscellaneous machine operators, n.e.c. (part 7479, 7665, 7679)
- 779 Machine operators, not specified
- 783 Welders and cutters (7332, 7532, 7714)
- 784 Solderers and brazers (7333, 7533, 7717)
- 785 Assemblers (772, 774)
- 786 Hand cutting and trimming occupations (7753)
- 787 Hand molding, casting, and forming occupations (7754, 7755)
- 789 Hand painting, coating, and decorating occupations (7756)
- 793 Hand engraving and printing occupations (7757)
- 795 Miscellaneous hand working occupations (7758, 7759)
- 796 Production inspectors, checkers, and examiners (782, 787)

#### SIPP FILES

- 797 Production testers (783)
- 798 Production samplers and weighers (784)
- 799 Graders and sorters, except agricultural (785)
- 803 Supervisors, motor vehicle operators (8111)
- 804 Truck drivers (8212-8214)
- 806 Driver-sales workers (8218)
- 808 Bus drivers (8215)
- 809 Taxicab drivers and chauffeurs (8216)
- 813 Parking lot attendants (874)
- 814 Motor transportation occupations, n.e.c. (8219)
- 823 Railroad conductors and yardmasters (8113)
- 824 Locomotive operating occupations (8232)
- 825 Railroad brake, signal, and switch operators (8233)
- 826 Rail vehicle operators, n.e.c. (8239)
- 828 Ship captains and mates, except fishing boats (part 8241, 8242)
- 829 Sailors and deckhands (8243)
- 833 Marine engineers (8244)
- 834 Bridge, lock, and lighthouse tenders (8245)
- 843 Supervisors, material moving equipment operators (812)
- 844 Operating engineers (8312)
- 845 Longshore equipment operators (8313)
- 848 Hoist and winch operators (8314)
- 849 Crane and tower operators (8315)
- 853 Excavating and loading machine operators (8316)
- 855 Grader, dozer, and scraper operators (8317)
- 856 Industrial truck and tractor equipment operators (8318)
- 859 Misc material moving equipment operators (8319)
- 864 Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
- 865 Helpers, mechanics, and repairers (863)
- 866 Helpers, construction trades (8641-8645, 8648)
- 867 Helpers, surveyor (8646)
- 868 Helpers, extractive occupations (865)
- 869 Construction laborers (871)
- 874 Production helpers (861, 862)
- 875 Garbage collectors (8722)
- 876 Stevedores (8723)
- 877 Stock handlers and baggers (8724)
- 878 Machine feeders and offbearers (8725)
- 883 Freight, stock, and material handlers, n.e.c. (8726)
- 885 Garage and service station rel. occupations (873)
- 887 Vehicle washers and equipment cleaners (875)
- 888 Hand packers and packagers (8761)
- 889 Laborers, except construction (8769)
- 905 Persons whose current labor force status is unemployed and last job was Armed Forces

# **APPENDIX B1**

# 1996 SIPP WAVES 1 THRU 12 LONGITUDINAL QUESTIONNAIRE

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	CENSUS CATI/CAPI SYSTEM Date: 01-25-99 Ver: 1
	SIPP THE SURVEY OF INCOME AND PROGRAM PARTICIPATION 1996 Panel, Wave 9
	PSU: SEGMENT: SERIAL: CASE STATUS IS: APPOINTMENT: DATE IS: TIME IS: INTERVIEW MODE:  (P) Proceed - PERSONAL INTERVIEW (T) Telephone interview (goto Dial screen) (A) Set appointment for visit or callback (Q) Quit Do Not Attempt now
-DIAL	-
	FR INSTRUCTION: PRESS SHIFT-F4 AND REVIEW HOUSEHOLD COMPOSITION BEFORE BEGINNING THE INTERVIEW
	Dial this number: Area Code: () Phone Number: Ext: Secondary number: Area Code: () Phone Number: Ext:
	<ol> <li>Someone answers - BEGIN INTERVIEW</li> <li>Someone answers - SET APPOINTMENT</li> <li>No contact - answer machine/busy/no answer</li> <li>New telephone number or telephone disconnected</li> <li>Not attempted now</li> </ol>

# Enter address or (S) for SAME, if no change needed If HH has no telephone, enter N for the area code to proceed FR INSTRUCTION: Call directory assistance in your area if necessary to obtain the correct telephone number for this household. (PRESS SHIFT-F4 TO DISPLAY HOUSEHOLD ROSTER AND ADDRESS FROM PREVIOUS WAVE) What is the new telephone number for the household? CURRENT TELEPHONE NUMBER: \_\_\_\_\_ Area Code: (\_\_\_\_) Telephone: \_\_\_\_\_ Extension:\_\_\_\_ -INTRO\_D Some of the questions have already been answered. Let me see where we should begin. Item to begin: \_\_\_\_\_ PRESS ENTER TO CONTINUE

#### -INTRO-

"Hello. I'm ... from the United States Bureau of the Census. (If personal visit, read: Here is my identification card(show ID card).

Several months ago this household was contacted concerning a survey on the economic situation of people who live in the United States. I have some further questions to ask you."

Ask respondent if he/she received advance letter; if not, give letter to respondent before proceeding (if personal visit), or read/explain the letter to telephone respondents.

Is the respondent ready to complete the interview?

- (1) No Inconvenient time.
- (2) No Reluctant Respondent Hold for refusal followup
- (3) Noninterview (Type A/B/C/D OR a mover noninterview)
- (4) Contacted Incorrect Household END INTERVIEW
- (P) Proceed

## -INCLET-

Did you receive a letter explaining the reason for our follow-up visit?

- (1) Yes
- (2) No

## -INCNUMA-

FR: Did you give the respondent a debit card at the door?

- (1) Yes
- (2) No

#### -INCNUMB-

FR: Enter 4-digit cash card number from the debit card.

ENTER "9999" FOR "Don't Know"

## -TYPEABC-

#### ENTER NONINTERVIEW CODE

TYPE A	TYPE B

- (1) No one home (20) ENTIRE HH institutionalized
- (2) Temporarily absent
- (3) Refused TYPE C
- (4) Language problem (29) ENTIRE HH deceased
- (5) Other Type A (30) ENTIRE HH moved out of country
  - (31) ENTIRE HH on active duty in Armed Forces

#### **MOVER SITUATIONS**

- (32) ENTIRE HH Moved to known address OUTSIDE of FR's area
- (33) ENTIRE HH Moved to known address WITHIN FR's area
- (34) ENTIRE HH merged with another SIPP HH
- (35) ENTIRE HH Moved and split into several new SIPP HH's
- (36) ENTIRE HH Moved further work needed to obtain address
- (37) Other Type C

#### TYPE D

- (38) ENTIRE HH Moved, address unknown
- (39) ENTIRE HH Moved within US; RO determined case is outside SIPP limits

-BCINFO-
FR INSTRUCTION:
For Type B and C noninterviews, collect the following information.
Date the household left sample: Month: Day:
Name of person providing noninterview status  FR NOTE: Enter "BYOBS" if determined by observation Name
Telephone number of person listed above:
Area Code: () Number: Extension:
-SPCIFY-
Specify the kind of "Other" Noninterview
-TYPC_OTH-
Specify the kind of "Other" Noninterview
-NI_RACE-
Enter the Race of the reference person
<ol> <li>(1) White</li> <li>(2) Black</li> <li>(3) American Indian, Aleut or Eskimo</li> <li>(4) Asian or Pacific Islander</li> <li>(5) Other</li> <li>(D) Don't Know</li> </ol>
-NI_SEX-
Enter the Sex of the reference person
<ul><li>(1) Male</li><li>(2) Female</li></ul>

# -NI\_SIZE-

#### ASK OR VERIFY WITH SOME KNOWLEDGEABLE INDIVIDUAL

Enter the total number of people in the household. Count all children and adults.

# -NI\_TENUR-

Are the living quarters --

- (1) Owned or being bought by the occupant(s)
- (2) Rented for cash
- (3) Occupied without payment of cash rent

## -CC02AB-

FR NOTE: Please be sure to complete a Type A and D Information Sheet for this case.

## PRESS ENTER TO CONTINUE

## -TYPEADIS-

\*\* NOTE TO FR \*\*

PLEASE DISCUSS THIS CASE WITH YOUR SUPERVISOR BEFORE DESIGNATING IT AS A TYPE A NONINTERVIEW.

#### PRESS ENTER TO CONTINUE

## -GET\_NEWAD1-

## ASK OR VERIFY -

Can you give me the new address of the individuals who lived in this household?

- (1) Yes
- (2) No / Address not available yet

-GET_NEWAD2-
IF ANY PART OF THE ADDRESS IS UNKNOWN OR BLANK, PRESS ENTER TO LEAVE THOSE FIELDS BLANK.
What is the new address for these persons?
STREET ADDRESS:
CITY: COUNTY:
STATE: (H) HELP
ZIP CODE:
TELEPHONE NUMBER: AREA CODE: () TELEPHONE: EXTENSION:
-ALFTDATE-
DATE OF LAST INTERVIEW:
When did these persons leave? ENTER NUMERIC VALUES FOR MONTH AND DAY
MONTH: DAY:
-AVERDATE-
I would like to verify that these persons left before [reference month 1] 1st. Is that correct?
<ul><li>(1) Yes</li><li>(2) No</li></ul>

# -ARSNLFT-

Why did these persons leave the household? ENTER ALL THAT APPLY - ENTER (N) AFTER LAST ENTRY IF LESS THAN 3 REASONS

- (5) Separation or divorce
- (6) Marriage
- (7) Became employed/unemployed
- (8) Due to job change other
- (10) Other

# -ALFTMAIN-

What is the main reason these persons left the household?

**End of Instrument Front Section** 

-VERADD	-
Wh	at is your exact address?
AD	DRESS:
, ,	Address correct as listed Some additions/changes to address are needed
-ADDWAI	RN-
FR	INSTRUCTION:
Ent	ne entire household has moved to a new address, DO NOT use the address change screen. ire-household mover cases should be spawned from the TYPE ABC screen. Enter (S) at the prompt pawn a mover case (or cases).
	the address change screen ONLY to make minor changes to the household's basic address. Enter at the prompt to proceed to the address change screen.
	nere are no changes to the household's address, enter (N) at the prompt to proceed to the next stion.
(S)	No changes needed Spawn mover case(s) from TYPE ABC screen Proceed to the address change screen
-CHGADD	
Ent	er address or (S) for SAME, if no change needed
Cur	rent listing:
Cur	rent listing:
Cur	rent listing:(H) HELP
Cur	rent listing:
CU	RRENT TELPHONE NUMBER:
Are	a Code: Telephone: Extension:

**Coverage Section** 

-VCOUNTY-
ASK OR VERIFY:
In what county is this address located?
Current listing:
(S) for SAME
-MAILADDR-
Is this also your mailing address?
ADDRESS:
(1) Yes
(2) No
-CHGMAIL-
Enter corrected mailing address or (S) for SAME if correct
Current listing:
Current listing:
Current listing:(H) HELP
Current listing:
-ACCESS-
** DO NOT READ TO RESPONDENT **
IS ACCESS TO THIS UNIT
<ul><li>(1) Direct</li><li>(2) Through another unit</li></ul>

# -UNIT\_CMB-

#### \*\* DO NOT READ TO RESPONDENT \*\*

This household must be combined with the household through which access is gained. Determine if the household is in or out of the SIPP sample.

- (1) Combined with HH in SIPP sample
- (2) Combined with HH NOT in SIPP sample

# -LIVQRT-

#### \*\* DO NOT READ TO RESPONDENT \*\*

Enter type of living quarters

#### **HOUSING UNIT**

- (1) House, apartment, flat
- (2) HU in nontransient hotel, motel, etc.
- (3) HU permanent, in transient hotel, motel, etc.
- (4) HU in rooming house
- (5) Mobile home or trailer with NO permanent room added
- (6) Mobile home or trailer with one or more permanent rooms added
- (7) HU not specified above

## **GROUP QUARTERS UNIT**

- (8) Quarters not HU in rooming or boarding house
- (9) Unit not permanent in transient hotel, motel, etc.
- (11) Student quarters in college dormitory
- (12) OTHER GROUP QUARTERS UNIT not specified above

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## ASK IF NOT APPARENT

How many housing units, both occupied and vacant, are there in this structure?

- (1) One, detached
- (2) One, attached
- (3) Two
- (4) 3-4
- (5) 5-9
- (6) 10-19
- (7) 20-49
- (8) 50 or more

# -BEGINT-

I am ready to begin the interview. I just want to let you know that for statistical purposes, I will need to repeat some questions or verify information from previous interviews.

First, I will ask questions about yourself and then, as before, I will need to interview any other adults in the household.

## PRESS ENTER TO CONTINUE

## -VERMAIL-

Is your mailing address:

ADDRESS: \_\_\_\_\_

- (1) Yes
- (2) No

-CHVMAIL-
Enter corrected mailing address or (S) for SAME if correct
Current listing:
Current listing:
Current listing:(H) HELP
Current listing:
-TENURE-
Are your living quarters
<ul> <li>(1) Owned or being bought by you or someone in your household</li> <li>(2) Rented for cash</li> <li>(3) Occupied without respect of each rent</li> </ul>
(3) Occupied without payment of cash rent
-VERFYTEN-
Do you still [Own/rent/live there without payment of cash rent]?
(1) Yes
(2) No
-NEWTEN-
ENTER CORRECT LIVING QUARTERS STATUS
<ul><li>(1) Owned or being bought by you or someone in your household</li><li>(2) Rented for cash</li></ul>
(3) Occupied without payment of cash rent
-PUBHSE-
Is this residence in a public housing project, that is, is it owned by a local housing authority?
(1) Yes
(2) No (D) Don't Know

# -GVTRNT-

Is the Federal, State or local government paying part or all of the rent for this residence?

- (1) Yes
- (2) No
- (D) Don't Know

# -WRSECT8-

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

- (1) Section 8
- (2) Some other government program

End of Coverage Section

-STLI	LIV-
	During our last interview we listed (READ ROSTER NAMES) as living at this residence. Do all of these people still live here now?
	(1) Yes (2) No
-NOT	LIV-
	Which of these persons do not live here now? ENTER LINE NUMBER OF PERSON WHO LEFT HOUSEHOLD
-LFT	DATE-
	DATE OF LAST INTERVIEW:
	When did [you] leave? ENTER NUMERIC VALUES FOR MONTH AND DAY IF "PREVIOUSLY LISTED IN ERROR", ENTER (0)
	MONTH: DAY:
-VER	DATE-
	I would like to verify that [you] left before [reference month 1] 1st.
	Is that correct?
	(1) Yes (2) No

Demographic Section

# -RSNLFT-

Why did [you] leave the household.

ENTER ALL THAT APPLY - ENTER (N) AFTER LAST ENTRY IF LESS THAN 3 REASONS

- (1) Deceased
- (2) Institutionalized
- (3) On active duty in the Armed Forces
- (4) Moved outside of U.S.
- (5) Separation or divorce
- (6) Marriage
- (7) Became employed/unemployed
- (8) Due to job change other
- (9) Listed in error in prior wave
- (10) Other

# -LFTMAIN-

What is the main reason [you] left the household?

\_\_\_\_

## -WHOELSE-

# **ASK IF NECESSARY:**

Did anyone else who lived here last time go to live with (READ NAME(S))?

- (1) Yes
- (2) No

-NEWADD-
What is the new address for READ NAMES?
FR: Do you know the new address?
(1) Yes
(2) No
Number and Street:
City: County:
State: (H) HELP
ZIP:
TELEPHONE NUMBER:
AREA CODE:
TELEPHONE:
EXTENSION:
-FRAREA-
QUESTION TO FR:
Is this address within your interview area?
(1) Yes
(2) No
(3) Further work needed to obtain address
-MORLEAV-
Is anyone else who lived here last time currently not living here?
(1) Yes
(2) No

NEWMBR-
Is anyone else living or staying here now, who I have not listed, including any newborn babies?
(1) Yes
(2) No
FMRMBR-
FR NOTE:
Is the new household member on the list of former household members listed above?
If so, enter the person number of the person. Otherwise, enter (N).
FMRDATE-
When did [you] begin living here?
ENTER NUMERIC VALUES FOR MONTH AND DAY.
ENTER (B) IF PERSON LIVED AT THIS ADDRESS BEFORE SAMPLE PERSON(S) ENTERED
MONTH
DAY
FMRDAT-
I would like to verify that [you] joined this household before [reference month 1] 1st. Is that correct?
(1) Yes
(2) No

	Why did [you] join this household?
	(1) Birth
	(2) Marriage
	(4) Due to separation or divorce
	(5) From an institution
	(6) From Armed Forces barracks
	(7) From outside the U.S.
	(9) Became employed/unemployed
	(10) Job change - other
	(11) Lived at this address before sample person(s) entered
	(12) Other
	(N) No more
-FMRN	MAIN-
	What was the main reason [you] entered the household?
-MOR	EFMR-
	Did anyone else on this list rejoin this household?
	(1) Yes
	(2) No
-ADDI	FMR-
	Enter the line number or (N) for NO MORE
-MOR.	JOIN-
	Is there anyone else living or staying here now, who I have not listed?
	(1) Yes
	(2) No

-RSNFMR-

-NEWNAME-
What is the name of the new person? Please include middle and maiden names. PRESS ENTER IF NO MIDDLE OR MAIDEN NAME
FIRST NAME MIDDLE NAME LAST NAME MAIDEN NAME  MAIDEN NAME
Has he/she ever gone by any other last name? PRESS ENTER IF NO OTHER LAST NAME
OTHER NAME
-NEWRES-
Do [you] usually live here?
<ul><li>(1) Yes</li><li>(2) No</li></ul>
-NEWURE-
Do [you] have some other residence where he/she usually lives?
<ul><li>(1) Yes</li><li>(2) No</li></ul>
-NOLIST-
Since [you] do not usually live here and have another residence [you] will not be included in this surve
PRESS (P) TO PROCEED

-ENTDATE-
When did [you] begin living here?
ENTER NUMERIC VALUES FOR MONTH AND DAY. ENTER (B) IF PERSON LIVED AT THIS ADDRESS BEFORE SAMPLE PERSON(S) ENTEREI
MONTH
DAY
-VERDAT-
I would like to verify that [you] joined this household before [reference month 1] 1st. Is that correct
(1) Yes (2) No
-RSNENT-
Why did [you] join this household?
(1) Birth
(2) Marriage
(4) Due to separation or divorce
<ul><li>(5) From an institution</li><li>(6) From Armed Forces barracks</li></ul>
(7) From outside the U.S.
(9) Became employed/unemployed
(10) Job change - other
(11) Lived at this address before sample person(s) entered
(12) Other
(N) No more
-ENTMAIN-
What was the main reason [you] entered the household?

# -NEWSEX-

## ASK IF NOT APPARENT:

Are [you] Male or Female?

- (1) Male
- (2) Female

# -HHRESP-

WARNING: THIS PERSON MUST BE 15 YEARS OF AGE OR OLDER

ASK IF NECESSARY: With whom am I speaking?

ENTER LINE NUMBER

## -SEXCHG-

\*\* REVIEW THE ROSTER -

IF ALL SEX ENTRIES ARE CORRECT, PRESS (P) TO PROCEED; IF ANY SEX ENTRIES ARE INCORRECT, PRESS (C) TO MAKE CHANGES. \*\*

- (P) Proceed
- (C) Make Changes

# -SEXCHG1-

ENTER ONLY THE LINE NUMBER OF THE PERSON NEEDING THE CHANGE -

ENTER (N) WHEN ALL CHANGES ARE COMPLETE

#### -RPCHECK-

\*\* REVIEW THE ROSTER -

IF THE REFERENCE PERSON INFORMATION IS CORRECT, PRESS (P) TO PROCEED;

IF THE REFERENCE PERSON INFORMATION IS INCORRECT, OR IF THE RELATIONSHIPS TO THE REFERENCE PERSON ARE INCORRECT, PRESS (C) TO MAKE CHANGES. \*\*

- (P) Proceed
- (C) Make Changes

#### -NEWRP-

#### FR NOTE:

Last time we recorded that [you] were the person or one of the persons who owned or rented the home. [you] no longer live here.

Who owns or rents this home?

WARNING: THIS PERSON MUST BE 15 YEARS OF AGE OR OLDER

ENTER LINE NUMBER

## -NEWRP2-

#### FR NOTE:

Last time we recorded that [you] were the person or one of the persons who owned or rented the home. [you] no longer live here.

Who owns or rents this home?

WARNING: THIS PERSON MUST BE 15 YEARS OF AGE OR OLDER

ENTER LINE NUMBER

## -NEWRP3-

#### FR NOTE:

Last time we recorded that [you] owned or rented the home.

Now that your address has changed, I need to know if [you] are the person or one of the persons who owns or rents this home.

- (1) Yes, same person owns/rents home
- (2) No, someone else owns/rents home

#### -NEWRP4-

Who owns or rents this home?

WARNING: THIS PERSON MUST BE 15 YEARS OF AGE OR OLDER

ENTER LINE NUMBER

#### -NEWRRP-

Please turn to flashcard A.

Which one of the responses listed best describes [your] relationship to [reference person]?

- (20) Spouse (Husband/Wife)
- (21) Unmarried Partner
- (22) Child
- (23) Grandchild
- (24) Parent (Mother/Father)
- (25) Brother/Sister
- (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.)
- (27) Foster Child
- (28) Housemate/Roommate
- (29) Roomer/Boarder
- (30) Other Non-Relative of Reference Person

# -SPOUSE1-

#### DO NOT READ TO RESPONDENT UNLESS NECESSARY

Is one of the following SEX entries incorrect?

LINE NAME SEX

- (1) To correct LINE [fill P\_REF\_LNO]'s SEX entry
- (2) To correct LINE [fill L\_NO]'s SEX entry
- (3) Neither sex entry is incorrect

# -SPOUSE2-

You said [you] are [reference person's] spouse.

Is that correct?

- (1) Yes
- (2) No

## -SPOUSE3-

#### DO NOT READ TO RESPONDENT UNLESS NECESSARY

Earlier I recorded [you] were [reference person's] spouse.

You have just reported [you] are also [reference person's] spouse.

Which is correct?

- (1) [first spouse listed] is the correct spouse. Change relationship entry of [you]
- (2) [you] are the correct spouse. Change relationship entry of [first spouse listed]

## -SPOUSE4-

Please turn to flashcard A. What is [your] relationship to [reference person]?

- (22) Child
- (23) Grandchild
- (24) Parent (Mother/Father)
- (25) Brother/Sister
- (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.)
- (27) Foster Child
- (28) Housemate/Roommate
- (29) Roomer/Boarder
- (30) Other Non-Relative of Reference Person

#### -DAD1-

You have reported both [you] and [your spouse] are parents of [child's name]. Is that correct?

- (1) No, change relationship to reference person code for [second person listed]
- (2) No, change relationship to reference person code for [first person listed]
- (3) Yes, this is correct. (One is natural father, one is step-father, for example)

#### -DAD2-

Please look at flashcard A. What is [your] relationship to [reference person]?

- (21) Unmarried Partner
- (22) Child
- (23) Grandchild
- (24) Parent (Mother/Father)
- (25) Brother/Sister
- (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.)
- (27) Foster Child
- (28) Housemate/Roommate
- (29) Roomer/Boarder
- (30) Other Non-Relative of Reference Person

## -MOM1-

You have reported both [you] and [your spouse] are parents of [child's name]. Is that correct?

- (1) No, change relationship to reference person code for [second person listed]
- (2) No, change relationship to reference person code for [first person listed]
- (3) Yes, this is correct. (One is natural mother, one is step-mother, for example)

#### -MOM2-

Please look at flashcard A. What is [your] relationship to [reference person]?

- (21) Unmarried Partner
- (22) Child
- (23) Grandchild
- (24) Parent (Mother/Father)
- (25) Brother/Sister
- (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.)
- (27) Foster Child
- (28) Housemate/Roommate
- (29) Roomer/Boarder
- (30) Other Non-Relative of Reference Person

#### -RPDAD-

I've recorded that [you] are [child's name]'s father. Is [child's name] his biological, step, adopted or foster child?

- (1) Biological or natural
- (2) Stepchild
- (3) Adopted child
- (4) Foster child

#### -RPDAD2-

Is [child's name] also his adopted child?

- (1) Yes
- (2) No

# -RPMOM-

I've recorded that [you] are [child's name]'s mother. Is [child's name] her biological, step, adopted or foster child?

- (1) Biological or natural
- (2) Stepchild
- (3) Adopted child
- (4) Foster child

## -RPMOM2-

Is [child's name] also her adopted child?

- (1) Yes
- (2) No

# -INTROCC-

Now I will briefly review a little information about the people who live here.

# PRESS ENTER TO CONTINUE

# -AGECHK-

I have listed that your age is [age] Is that correct?

- (1) Yes
- (2) No

-NUBI	DAY-			
	What is your date of birth?			
	(1) January	(5) May	(9) September	
	(2) February		(10) October	
	(3) March		(11) November	
	(4) April	=		
	BIRTH MONTH			
	PREVIOUS ANSW	ER:		
	DAY OF MONTH			
	PREVIOUS ANSW	ER:		
	BIRTH YEAR			
	PREVIOUS ANSW	ER:		
-DOB-	-			
	What is your date of	birth?		
	(1) January	(5) May	(9) September	
	(2) February		(10) October	
	(3) March			
	(4) April			
	ENTER MONTH: _			
	ENTER DAY:			
	ENTER 4 DIGIT YE	EAR:		
-DOB	A-			
	Would you say you a	nre:		
	(1) [AGE 1] years o	f age?		
	(2) [AGE 2] years o	_		

(N) Neither is correct

# -VERAGE-

That would make you [age] Is that correct?

- (1) Yes, age is correct
- (2) No, age is not correct

# -AGEGES-

## ENTER YOUR BEST ESTIMATE OF YOUR AGE:

## -OLDMS-

Last time I recorded your marital status as [marital status recorded from last interview]. Is that your current marital status?

- (1) Yes
- (2) No

## -OLDSP-

Last time I recorded that you were married to [spouse recorded at last interview]. Is that currently correct?

- (1) Yes
- (2) No

## -MS-

What is your current Marital Status?

- (1) Married, SPOUSE PRESENT
- (2) Married, SPOUSE ABSENT
- (3) Widowed
- (4) Divorced
- (5) Separated
- (6) Never married

-LNSP-
ENTER LINE NUMBER OF YOUR SPOUSE. ASK IF NECESSARY
(N) No one listed
-SPSSX1-
(DO NOT READ TO RESPONDENT UNLESS NECESSARY)
Is one of the following SEX entries incorrect?  LINE NAME SEX  [List of household members with incorrect sex entries]
<ol> <li>To correct Line [fill L_NO]'s SEX entry</li> <li>To correct Line [fill X]'s SEX entry</li> <li>Neither SEX entry is incorrect</li> </ol>
-SPSSX2-
You said [he/she] is your spouse. Is that correct?
(1) Yes (2) No
-EVRWID-
Have you EVER been widowed?
(1) Yes (2) No
-EVRDIV-
Have you EVER been divorced?
(1) Yes (2) No

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

- (1) Yes
- (2) No

## -AFWHEN-

When did you serve on active duty?

ENTER AS MANY TIME PERIODS AS APPLY. ENTER (N) AFTER LAST REPORTED PERIOD.

FR PROMPT AFTER FIRST RESPONSE:

Did you serve on active duty any other times?

#### -AFNOW-

Are you now on active duty in the Armed Forces?

- (1) Yes
- (2) No

# -OLDED-

I have recorded that your highest level of school completed or highest degree received is: [education reported from last interview]

Is that still correct?

- (1) Yes
- (2) No

#### -EDUCA-

#### SHOW FLASHCARD B

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 GRADUATE high school DIPLOMAor equivalent (For example: GED)
- (40) Some college but no degree
- (41) Diploma or certificate from a vocational,technical, trade or business school beyond the High School level
- (42) Associate degree in college Occupational/vocational program
- (43) Associate degree in college Academic program
- (44) Bachelors degree (For example: BA, AB, BS)
- (45) Master's degree (For example: MA, MS, MEng, MEd, MSW, MBA)
- (46) Professional School Degree (For example: MD,DDS,DVM,LLB,JD)
- (47) Doctorate degree (For example: PhD, EdD)

#### -EDUCB-

Have you completed high school by means of a GED or other equivalency test or program?

- (1) Yes
- (2) No

## -LNMOM-

Is your mother a member of this household?

IF NO, ENTER (N)

IF YES, ENTER THE MOTHERS LINE NUMBER

# -TYPMOM-

[You] are the parent.

Are you her biological, step, adopted or foster child?

- (1) Biological or natural
- (2) Stepchild
- (3) Adopted child
- (4) Foster child

## -TYPMOM2-

Are you also [his/her] adopted child?

- (1) Yes
- (2) No

## -LNDAD-

Is your father a member of this household?

IF NO, ENTER (N)

IF YES, ENTER THE FATHERS LINE NUMBER

# -TYPDAD-

[You] are the parent.

Are you his biological, step, adopted or foster child?

- (1) Biological or natural
- (2) Stepchild
- (3) Adopted child
- (4) Foster child

## -TYPDAD2-

Are you also [his/her] adopted child?

- (1) Yes
- (2) No

-STEPDAD-
Are you also his stepchild?
(1) Yes
(2) No
-STEPMOM-
Are you also her stepchild?
(1) Yes
(2) No
-OLDGRD-
I have listed that [he/she] is your guardian. Is that correct?
(1) Yes
(2) No
-LNGD-
Who in this household is responsible for you?
Enter (N) if not listed below.
-NEWRACE-
IF PERSONAL VISIT, SHOW FLASHCARD C Which of the categories (on this card) best describes your race?
IF TELEPHONE INTERVIEW, READ CATEGORIES TO RESPONDENT
(1) White
(2) Black
(3) American Indian, Aleut, or Eskimo
<ul><li>(4) Asian or Pacific Islander</li><li>(5) Other Race</li></ul>
(3) Other Race

### -OTHRAC-

Enter the specific race reported.

### -ORIGIN-

#### IF PERSONAL VISIT, SHOW FLASHCARD D

What is your origin or descent?

### (READ CATEGORIES IF NECESSARY FOR TELEPHONE INTERVIEWS)

(1) Canadian (20) Mexican

(2) Dutch (21) Mexican-American

(3) English
(4) French
(5) French-Canadian
(22) Chicano
(23) Puerto Rican
(24) Cuban

(6) German
(7) Hungarian
(8) Irish
(9) Italian
(25) Central American
(26) South American
(27) Dominican Republic
(28) Other Hispanic

(10) Polish(11) Russian(30) African-American or Afro-American(31) American Indian, Eskimo or Aleut

(12) Scandinavian(32) Arab(13) Scotch-Irish(33) Asian

(14) Scottish(15) Slovak(34) Pacific Islander(35) West Indian

(16) Welsh (39) Another group not listed

(17) Other European (40) American

### -SSN-

What is your Social Security or Railroad Retirement Number?

(N) None -- Doesn't have an SSN or RRN

### -CBSSN-

This information is especially important to the survey. If I Were to call you later do you think I might be able to get the information then?

- (1) Yes
- (2) No

#### -CHANGE-

FR NOTE: PLEASE VERIFY THE INFORMATION DISPLAYED IS CORRECT; REVIEW AND MAKE ANY CORRECTIONS AS NEEDED. IF ANY INFORMATION APPEARS TO BE INCORRECT, ASK:

I need to verify some of the information I have collected for READ ROSTER NAME...

(P) All correct - Proceed OR Enter LINE NUMBER of person needing a CHANGE

PRESS "SHIFT-F6" TO DISPLAY FULL ROSTER IF NEEDED

# -CHG\_WHAT-

What change is needed for: [you]

- (M) Mistake -- no changes needed
- (2) Name
- (3) Educational attainment
- (4) Race
- (5) Origin
- (6) Social Security Number

PRESS "SHIFT-F6" TO DISPLAY FULL ROSTER IF NEEDED

-FIXNAME-
-TIMVAIVIL-
What is the name of the person living or staying here? Please include middle and maiden names.
PRESS ENTER IF NO MIDDLE OR MAIDEN NAME
FIRST NAME MIDDLE NAME LAST NAME MAIDEN NAME Has he/she ever gone by any other last name?
PRESS ENTER IF NO "OTHER" NAME
OTHER NAME
-FIXEDUC-
SHOW FLASHCARD B
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 GRADUATE high school DIPLOMAor equivalent (For example: GED)
- (40) Some college but no degree
- (41) Diploma or certificate from a vocational, technical, trade or business school beyond the High School level
- (42) Associate degree in college Occupational/vocational program
- (43) Associate degree in college Academic program
- (44) Bachelors degree (For example: BA, AB, BS)
- (45) Master's degree (For example: MA, MS, MEng, MEd, MSW, MBA)
- (46) Professional School Degree (For example: MD,DDS,DVM,LLB,JD)
- (47) Doctorate degree (For example: PhD, EdD)

# -FIX\_ED\_B-

Have you completed high school by means of a GED or other equivalency test or program?

- (1) Yes
- (2) No

# -FIXRACE-

# SHOW FLASHCARD C

Which of the categories on this card best describes your race?

- (1) White
- (2) Black
- (3) American Indian, Aleut, or Eskimo
- (4) Asian or Pacific Islander
- (5) Other Race

# -FIX\_ORAC-

Enter the specific race reported.

### -FIXORIG-

#### SHOW FLASHCARD D

Which of the categories on this card best describes your origin or descent?

(1) Canadian (20) Mexican

(2) Dutch (21) Mexican-American

(3) English(4) French(22) Chicano(23) Puerto Rican

(5) French-Canadian (24) Cuban

(6) German
(7) Hungarian
(8) Irish
(9) Italian
(25) Central American
(26) South American
(27) Dominican Republic
(28) Other Hispanic

(10) Polish(11) Russian(30) African-American or Afro-American(31) American Indian, Eskimo or Aleut

(12) Scandinavian(13) Scotch-Irish(32) Arab(33) Asian

(14) Scottish(15) Slovak(34) Pacific Islander(35) West Indian

(16) Welsh (39) Another group not listed

(17) Other European (40) American

### -FIXSSN-

What is your Social Security or Railroad Retirement Number?

(N) None -- Doesn't have an SSN or RRN

# -CHG\_MORE-

Are any more changes needed for: [you]

- (1) Yes
- (2) No

-FALLOUT-

FR INSTRUCTION: ALL HOUSEHOLD MEMBERS ELIGIBLE FOR INTERVIEW

THIS HOUSEHOLD IS NOW CLASSIFIED A TYPE C NONINTERVIEW.

IF THIS IS INCORRECT, DO THE FOLLOWING:

IF THIS INFORMATION IS CORRECT, PRESS ENTER TO CLOSE OUT THE CASE.

End of Demographics Section

### Labor Force, Part 1 Section

### -LFINTRO-

These next questions are about your work activities during the last four months, from [reference month 1] 1st until today, as shown on the calendar.

### SHOW FLASHCARD E

[List of reference months]

### -MISSINW1-

#### ASK OR VERIFY

Were you living in this household when we conducted an interview in [reference month]?

- (1) Yes
- (2) No

# -Q13A-

On [last interview date], were you living in one of the following types of situations? (Select one)

- (1) Outside of the United States
- (2) In a non-household setting
- (3) In a household where all adults were on active duty in the military
- (4) No-person was not living in either of these kinds of places

### -OLDJOB-

Last time we recorded that you worked for [Employer name]. Do you still work for [Employer name]?

- (1) Yes
- (2) No
- (N) Never had that job

-LEAVJ-
When did you leave that job?
If the respondent left the job before [reference month 1+] of the reference period, enter a (B).
Month:
Day:
-W2ENDJMTH-
What is your best estimate of the month when you ended employment with [Employer name]?
If the respondent left the job before [month 1] of the reference period, enter a (B).
MONTH
-W2ENDJDY-
What is your best estimate of the day of the month when you ended employment with [Employer Name]?
DAY
-W2RSEND-
What is the main reason you stopped working for Employer name?
(1) On Layoff
(2) Retirement or old age
(3) Childcare problems
(4) Other family/personal obligations
(5) Own Illness
(6) Own Injury

- (7) School/Training
- (8) Discharged/Fired
- (9) Employer Bankrupt
- (10) Employer sold business
- (11) Job was temporary and ended
- (12) Quit to take another job
- (13) Slack work or business conditions
- (14) Unsatisfactory work arrangements (hours, pay, etc.)
- (15) Quit for some other reason

-W2WCYN1-
Between [reference month 1+] 1st and today, did you receive any money from workers' compensation as a result of any kind of job-related injury or illness from this job or any other job?
(1) Yes (2) No
-W2UECYN1-
Between [reference month 1+] 1st and today, did you receive any type of unemployment payments related to this job or any other job?
(1) Yes (2) No
-W2UECYNTP1-
What type was it? ENTER (N) FOR NO MORE
<ol> <li>(1) Regular</li> <li>(2) Supplemental</li> <li>(3) Other, including union benefits</li> </ol>
-OLDBUS-
Last time we recorded that you had the business [name of business]. Do you still have that business?
<ul><li>(1) Yes</li><li>(2) No</li><li>(N) Never had that business</li></ul>
-LEAVB-
When did you give up that business?
If the respondent left business before [reference month 1+] of the reference period, enter a (B).
Month: Day:

What is your best estimate of the last month when you were self-employed in this business, professi practice, or farm?  If the respondent left business job before [month 1] of the reference period, enter a (B).
If the respondent left business job before [month 1] of the reference period, enter a (B).
MONTH
-W2ENDBDY-
What is your best estimate of the last day when you were self-employed in this business, professional practice, or farm?
DAY
-W2RENDB-
(BUSINESS = [Business name])
What is the main reason you gave up or ended this business (professional practice or farm)?
<ul><li>(1) Retirement or old age</li><li>(2) Childcare Problems</li><li>(3) Other Family/Personal Problems</li></ul>
<ul><li>(4) Own Illness</li><li>(5) Own Injury</li></ul>
<ul><li>(6) School/Training</li><li>(7) Went Bankrupt/Business Failed</li><li>(8) Sold Business or Transferred Ownership</li></ul>
(9) To start other business/take job (10) Season ended for a Seasonal Business
(11) Quit for Some Other Reason

ENTER THE SPECIFIC "OTHER" REASON ENDED BUSINESS

### -W2WCYN2-

Between [reference month 1+] 1st and today, did you receive any money from workers' compensation as a result of any kind of job-related injury or illness?

- (1) Yes
- (2) No

#### -W2PDJBTHN-

In addition to your work with ... (READ LIST ABOVE), did you have at least one other paid job, either full or part time, at any time between [reference month 1] 1st and today?

- (1) Yes
- (2) No
- (3) Not sure or Don't know

#### -W2NOPDJB-

Did you do any other work at all that earned some money?

- (1) Yes
- (2) No

### -W2JBORSE-

Was that additional work for an employer or were you self-employed at it or both?

- (1) Employer
- (2) Self-Employed
- (3) Both
- (4) Not Sure or Don't know

### -W2UNPAID-

Did you do any unpaid work in a family business or farm?

- (1) Yes
- (2) No

# -W2EMPNUM-

How many employers did you have between [reference month 1] 1st and today?

### -PDJBTHN-

Did you have at least one paid job, either full or part time, at anytime between [reference month 1] 1st and today?

- (1) Yes
- (2) No

### -NOPDJB-

Did you do any work at all that earned some money?

- (1) Yes
- (2) No

### -JBORSE-

Was that for an employer or were you self-employed or did you have some other arrangement?

(INTERVIEWER NOTE: Other arrangements include odd jobs, on-call work, day labor, one-time jobs, and informal arrangements like babysitting, lawn mowing, or leaf raking for neighbors.)

- (1) Employer
- (2) Self-Employed
- (3) Both
- (4) Some other arrangement
- (5) Not Sure or Don't know

# -UNPAID-

Did you do any unpaid work in a family business or farm?

- (1) Yes
- (2) No

### -NOWRK-

What is the main reason you did not work at a job or business between [reference month 1] 1st and today?

- (1) Temporarily unable to work because of an injury
- (2) Temporarily unable to work because of an illness
- (3) Unable to work because of chronic health condition or disability
- (4) Retired
- (5) Pregnancy/childbirth
- (6) Taking care of children/other persons
- (7) Going to school
- (8) Unable to find work
- (9) On layoff (temporary or indefinite)
- (10) Not interested in working at a job
- (11) Other

### -ONOWRK-

#### ENTER THE SPECIFIC "OTHER" REASON DID NOT WORK

### -WCYN3-

Between [reference month 1] 1st and today, did you receive any money from workers' compensation as a result of any kind of job-related injury or illness?

- (1) Yes
- (2) No

### -UECYN3-

Between [reference month 1] 1st and today, did you receive any type of unemployment payments?

- (1) Yes
- (2) No

-UECYNTP3-
What type was it?
ENTER (N) FOR NO MORE
(1) State unemployment compensation
(2) Supplemental unemployment benefits
(3) Other (strike pay, union benefits, Trade Adjustment Act benefits, etc.)
-LAYOFF-
Did you spend any time on layoff from a job since [reference month 1] 1st?
(1) Yes
(2) No
-LAYDT-
When you were laid off, did your employer give you a date to return to work?
(1) Yes
(2) No
-LAY6M-
Were you given any indication that you would be recalled to work within 6 months of being laid or
(1) Yes
(2) No
-LKWRK-
Did you spend any time looking for work since [reference month 1] 1st?
(1) Yes
(2) No

### -WKSLKG-

In which weeks were you not working?

ENTER THE NUMBERS BESIDE THE WEEKS, EVEN IF ONLY ONE DAY OF THAT WEEK WAS SPENT LOOKING OR ON LAYOFF.

ENTER (A) IF ALL WEEKS.

ENTER (N) AFTER LAST REPORTED WEEK

### -TAKJOB-

Could you have started a job during any of those weeks if one had been offered or could you have returned to work if you had been recalled?

Could you have started a job during any of those weeks if one had been offered?

Could you have returned to work during any of those weeks if you had been recalled?

- (1) Yes
- (2) No

### -NOTAKE-

Why was that?

- (1) Waiting for a new job to begin
- (2) Own temporary illness
- (3) School
- (4) Other

#### -EMPNUM-

How many employers did you have between [reference month 1] 1st and today?

### -CONCHK1-

Did you have a definite arrangement with one or more employers to work on an ongoing basis?

- (1) Yes
- (2) No
- (3) Not Sure or Don't Know

How many employers did you have between [reference month 1] 1st and today?

# -EMPNUM2A-

How many employers did you have between [reference month 1] 1st and today?

Enter "N" for None.

### -CONCHK2-

Did you have a definite arrangement with any of your employers to work on an ongoing basis?

- (1) Yes
- (2) No
- (3) Not Sure or Don't Know

# -WRKTYPE-

Did you generally do the same type of work for your employers?
(READ IF NECESSARY: For example: construction work, private household work, sales, consulting.)

- (1) Yes
- (2) No

### -EMPNAM-

What is the name of your employer?

### -STRTJB-

Did you begin your employment with Employer name at some time between [reference month 1+] 1st and today?

- (1) Yes
- (2) No

-STRTREFP-	
Please tell me the month and day you began.	
MONTH:	
DAY:	
-STRTBEFR-	
Please tell me the year you began.	
YEAR:	
-STRTMONJB-	
And in what month was that?	
MONTH:	
-STRTJYR-	
What is your BEST estimate of the year you began?	
YEAR	
-STRTJMTH-	
What is your BEST estimate of the month you began?	
MONTH	
-STRTJDY-	
What is your BEST estimate of the day of the month when you began?	
DAY	

-BEFORE-	
Was it before [reference month 1+] 1st?	
(1) Yes (2) No	
-STLEMP-	
Do you still work for this employer?	
(1) Yes (2) No	
-ENDJB-	
When did your employment with [Employer name] end?	
MONTH DAY	
-ENDJMTH-	
What is your best estimate of the month when you ended employment with [Employer name]?	
MONTH	
-ENDJDY-	
What is your best estimate of the day of the month when you ended employment with [Employer name]?	
DAY	

### -RSEND-

What is the main reason you stopped working for [Employer name]?

- (1) On Layoff
- (2) Retirement or old age
- (3) Childcare problems
- (4) Other family/personal obligations
- (5) Own Illness
- (6) Own Injury
- (7) School/Training
- (8) Discharged/Fired
- (9) Employer Bankrupt
- (10) Employer sold business
- (11) Job was temporary and ended
- (12) Quit to take another job
- (13) Slack work or business conditions
- (14) Unsatisfactory work arrangements (hours, pay, etc.)
- (15) Quit for some other reason

#### -WCYN1-

Between [reference month 1+] 1st and today, did you receive any money from workers' compensation as a result of any kind of job-related injury or illness from this job or any other job?

- (1) Yes
- (2) No

### -UECYN1-

Between [reference month 1+] 1st and today, did you receive any type of unemployment payments related to this job or any other job?

- (1) Yes
- (2) No

### -UECYNTP1-

What type was it? ENTER (N) FOR NO MORE

- (1) Regular
- (2) Supplemental
- (3) Other, including union benefits

# -W2ALLBUSNUM-

How many businesses did you have, alone or jointly, between [reference month 1] 1st and today?

FR NOTE: CONSIDER A PROFESSIONAL PRACTICE OR A FARM TO BE A BUSINESS.

# -ALLBUSNUM-

How many businesses did you have, alone or jointly, between [reference month 1] 1st and today?

FR NOTE: CONSIDER A PROFESSIONAL PRACTICE OR A FARM TO BE A BUSINESS.

# -ADVRTS-

Did you use paid advertising for any of these businesses?

- (1) Yes
- (2) No

#### -POB-

Did you maintain an office, store, or other place of business?

- (1) Yes
- (2) No

-CAPITAL-		
Did you use specialized equipment for any of these businesses?		
(1) Yes (2) No		
-ALLBUS-		
What is the name of [business]?		
-REALBIZ-		
Did you take an active part in this business or did you own it as an investment only?		
<ul><li>(1) Active participant</li><li>(2) Both participant and investment</li><li>(3) Investment only</li></ul>		
-STRTBUS-		
Did you start [Business name] at some time between [reference month 1+] 1st and today?		
(1) Yes (2) No		
-STRTBSRP-		
Please tell me the month and day you started this business.		
MONTH: DAY:		
-STRTBSBF-		
Please tell me the year you started this business.		
YEAR:		

-STRTMONBS-		
And in what month was that?		
MONTH:		
-STRTBYR-		
(BUSINESS = [Business name])		
What is your BEST estimate of the year when you started this business?		
YEAR		
-STRTBMTH-		
(BUSINESS = [Business name])		
What is your BEST estimate of the month when you started this business?		
MONTH		
-STRTBDY-		
(BUSINESS = [Business name])		
What is your BEST estimate of the day of the month when you started this business?		
DAY		
-BEFORE2-		
Was it before [reference month 1+] 1st?		
<ul><li>(1) Yes</li><li>(2) No</li></ul>		

-BIZNOW-
Do you still own this business?
(1) Yes
(2) No
-ENDBS-
When was the last day that you had this business?
MONTH
DAY
-ENDBMTH-
What is your best estimate of the last month when you were self-employed in this business (professional practice/farm)?
MONTH
-ENDBDY-
What is your best estimate of the last day when you were self-employed in this business (professional practice/farm)?
DAY

### -RENDB-

(BUSINESS = [Business name])

What is the main reason you gave up or ended this business (professional practice or farm)?

- (1) Retirement or old age
- (2) Childcare Problems
- (3) Other Family/Personal Problems
- (4) Own Illness
- (5) Own Injury
- (6) School/Training
- (7) Went Bankrupt/Business Failed
- (8) Sold Business or Transferred Ownership
- (9) To start other business/take job
- (10) Season ended for a Seasonal Business
- (11) Quit for Some Other Reason

### -OENDB-

#### ENTER THE SPECIFIC "OTHER" REASON ENDED BUSINESS

### -WCYN2-

Between [reference month 1+] 1st and today, did you receive any money from workers' compensation as a result of any kind of job-related injury or illness?

- (1) Yes
- (2) No

### -LNGJOB-

For which of these employers did you work the most hours between [reference month 1] 1st and today?

### -LNGJOB2-

For which of these employers did you work the next most hours between [reference month 1] 1st and today?

# -INTRJ-

The next questions refer to your employment with Employer name.

### PRESS ENTER TO CONTINUE

# -JBDTY-

(EMPLOYER = Employer name)

Did your main activities or duties on the job with Employer name change between [reference month 1+] 1st and the time you left the job?

- (1) Yes
- (2) No

# -JBDUTY-

(EMPLOYER = Employer name)

Have your main activities or duties on the job with Employer name changed since [reference month 1+]?

- (1) Yes
- (2) No

# -CLWRK-

#### ASK OR VERIFY

Employer name:

- (1) A Government organization (includes Armed Forces)
- (2) A Private, For Profit, Company
- (3) A Non-Profit Organization, including tax exempt and charitable organizations
- (4) A family business or farm

# -FAMWRK-

Were you paid for your work in the family business or farm?

- (1) Yes
- (2) No

### -KINDG-

(EMPLOYER = Employer name)

### ASK OR VERIFY

Is that Federal Government, State Government, or Local Government or active-duty Armed Forces?

- (1) Federal (civilian only)
- (2) State
- (3) Local (County, City, Township)
- (4) Armed Forces (active duty only)

# -FNCGV-

(EMPLOYER = Employer name)

What was the main function or activity of the government organization that you worked for?

# -KNDIN-

(EMPLOYER = Employer name)

What kind of industry was this?

# -TYPIN-

(EMPLOYER = Employer name)

#### ASK OR VERIFY

Was it mainly --

- (1) Manufacturing
- (2) Wholesale Trade
- (3) Retail Trade
- (4) Service
- (5) Or Something Else?

### -KNDWK-

(EMPLOYER = Employer name)

What kind of work did you do, that is, what was your occupation?

READ IF NECESSARY: For example: Bookkeeper, plumber, press operator

# -ACTVT-

(EMPLOYER = Employer name)

What were your usual activities or responsibilities?

READ IF NECESSARY: For example: Keeping account books, repairing pipes, operating printing press

### -JOBHRS-

(EMPLOYER = Employer name)

During the weeks that you worked between [first week worked] and [last week worked], how many hours per week did you usually work at all jobs?

-PAYI	HR-	
	(EMPLOYER = Employer name)	
	Are you paid by the hour?	
	(1) Yes	
	(2) No	
-PYRA	AT-	
	(EMPLOYER = Employer name)	
	What was your regular hourly pay rate?	
	Dollars and Cents	
-PYPER-		
	(EMPLOYER = Employer name)	
	How often were you paid?	
	(READ CATEGORIES IF NECESSARY)	
	(1) Once a week	
	(2) Once every 2 weeks	
	(3) Once a month	
	(4) Twice a month	
	(5) Unpaid in a family business or farm	
	(6) On commission	
	(7) Some other way	

-OTHPY-
(EMPLOYER = Employer name)
SPECIFY THE "OTHER" PAY PERIOD
-LSTPY-
(EMPLOYER = Employer name)
On what date were you last paid?
(N) Not yet paid
MONTH
DAY
-UNION-
(EMPLOYER = Employer name)
Were you a member of a labor union or employee association like a union?
(1) Yes (2) No
-CNTRC-
(EMPLOYER = Employer name)
Were you covered by a union or employee association contract?
(1) Yes (2) No

# -EMPLOC-

# (ASK IF NECESSARY)

Does [Employer name] operate in more than one location?

- (1) Yes
- (2) No

# -EMPALL-

# (ASK IF NECESSARY)

About how many persons are employed by [Employer name] at ALL LOCATIONS?

# (READ CATEGORIES)

- (1) Under 25
- (2) 25 to 99
- (3) 100 to 499
- (4) 500 to 999
- (5) 1,000 or more

# -EMPSIZE-

About how many persons are employed by [Employer name]?

# (READ CATEGORIES IF NECESSARY)

- (1) Under 25
- (2) 25 to 99
- (3) 100 to 499
- (4) 500 to 999
- (5) 1,000 or more

### -BIGBUS-

NOTE TO FR: ANSWERS ARE LIMITED TO THE BUSINESSES DISPLAYED BELOW WHICH WERE OPERATED DURING THE REFERENCE PERIOD.

I recorded that you had [# of] businesses between [reference month 1] 1st and the end of [reference month 4]. Which 2 of these businesses produced the highest earnings before expenses during this time period?

### -INTRB-

The next questions refer to the business [Business name].

#### PRESS ENTER TO CONTINUE

### -BSDTY-

(BUSINESS = [Business name])

Did your main activities or duties of this business change between [reference month 1+] 1st and the time you left the business?

- (1) Yes
- (2) No

#### -BSDUTY-

(BUSINESS = [Business name])

Have your main activities or duties for this business changed since [reference month 1+] 1st?

- (1) Yes
- (2) No

#### -KNDBS-

(BUSINESS = [Business name])

What kind of business was this?

READ IF NECESSARY: What did the business do or make?

# -TYPBS-

(BUSINESS = [Business name])

#### ASK OR VERIFY

Was it mainly --

- (1) Manufacturing
- (2) Wholesale Trade
- (3) Retail Trade
- (4) Service
- (5) Or Something Else?

### -OCCBS-

```
(BUSINESS = [Business name])
```

What kind of work did you do, that is, what was your occupation?

READ IF NECESSARY: For example: sales manager, dentist, farmer

# -DUTYB-

```
(BUSINESS = [Business name])
```

What were your usual activities or duties in that position?

READ IF NECESSARY: For example: managing sales staff, repairing teeth, farming

# -HRSBS-

```
(BUSINESS = [Business name])
```

During the weeks you worked between [first week worked] and [last week worked], how many hours per week did you usually work AT ALL ACTIVITIES for [Business name]?

# -GRSSB-

(BUSINESS = [Business name])

Do you think the earnings before expenses from [Business name] were \$2500 or more?

- (1) Yes
- (2) No

### -GROSB-

(BUSINESS = [Business name])

Do you think that the earnings before expenses from [Business name] will be \$2500 or more during the next 12 months?

- (1) Yes
- (2) No

### -LSTBS-

# BUSINESSES OWNED BY OTHER HOUSEHOLD MEMBERS

\*\* DO NOT READ TO RESPONDENT \*\*

Have questions about the number of employees, and whether or not the business is incorporated, already been answered by somebody for this business: [Business name]?

- (1) Yes
- (2) No

# -EMPB-

(BUSINESS = [Business name])

Between [reference month 1] and [reference month 4], what was the maximum number of employees, including you, working for this business at any one time?

**READ IF NECESSARY:** 

- (1) Under 25
- (2) 25 to 99
- (3) 100 to 499
- (4) 500 to 999
- (5) 1,000 or more

# -INCPB-

(BUSINESS = [Business name])

Was this business incorporated?

- (1) Yes
- (2) No

### -PROPB-

(BUSINESS = [Business name])

Did you own this business yourself or was it a partnership?

- (1) Alone
- (2) Partnership

# -HPRTB-

(BUSINESS = [Business name])

Is any other member of this household an owner or partner in this business?

- (1) Yes
- (2) No

# -PARTB-

(BUSINESS = [Business name])

Who is that?

(N) No More

# -SLRYB-

(BUSINESS = [Business name])

Do you draw a regular salary from this business?

- (1) Yes
- (2) No

# -OINCB-

(BUSINESS = [Business name])

Did you receive any income from this business between [reference month 1] 1st and the end of [reference month 4]?

- (1) Yes
- (2) No

# -CONWKSWRK-

Please look at the calendar. In which weeks did you work at a job or business or do any work at all for pay or profit?

ENTER THE NUMBERS OF THE WEEKS

ENTER (A) IF ALL WEEKS

ENTER (N) FOR NONE/NO MORE WEEKS TO ENTER

### -FPAWOP-

#### HAND RESPONDENT THE CALENDAR

Now, consider ALL your work during this period.

Between [reference month 1] 1st and the end of [reference month 4], were there any full weeks, Sunday through Saturday, when you did not work at all?

- (1) Yes
- (2) No

### -FPAWAY-

Did you get paid for ALL those weeks you did not work?

- (1) Yes
- (2) No

#### -FPABWK-

Please look at the calendar. Which weeks were you absent the whole week without pay?

ENTER THE NUMBERS OF THE WEEKS ABSENT

ENTER (A) IF ALL WEEKS

ENTER (N) AFTER LAST WEEK IS ENTERED

#### -FPABRE-

What was the main reason you were absent without pay during those weeks?

- (1) On layoff (temporary or indefinite)
- (2) Slack work or business conditions
- (3) Own injury
- (4) Own illness/medical problems
- (5) Pregnancy/childbirth
- (6) Taking care of children
- (7) On vacation/personal days
- (8) Bad weather
- (9) Labor dispute
- (10) New job to begin within 30 days
- (11) Participated in a job-sharing arrangement
- (12) Other

## -FPOTHR-

## ENTER THE SPECIFIC "OTHER" REASON ABSENT WITHOUT PAY

## -WCYN4-

Did you receive any money from workers' compensation as a result of any kind of job-related injury or illness?

- (1) Yes
- (2) No

## -UECYN4-

Did you receive any type of unemployment payments?

- (1) Yes
- (2) No

## -UECYNTP4-

What type was it? ENTER (N) FOR NO MORE

- (1) State unemployment compensation
- (2) Supplemental unemployment benefits
- (3) Other (strike pay, union benefits, Trade Adjustment Act benefits, etc)

#### -PPAWOP-

#### HAND RESPONDENT THE CALENDAR

Between [reference month 1] 1st and the end of [reference month 4], there were some weeks when you did not have a job or business, and some weeks when you did. During the weeks when you DID have one, were there any FULL weeks, Sunday through Saturday, when you did not work at all?

IF THE RESPONDENT NEEDS TO KNOW WHAT CALENDAR WEEKS TO CHOOSE FROM, READ THE RESPONDENT THE FOLLOWING WEEKS:

- (1) Yes
- (2) No

## -PPAWAY-

Did you get paid for ALL those weeks you did not work?

- (1) Yes
- (2) No

#### -PPABWK-

Please look at the calendar. Which of these weeks were you absent the whole week without pay?

ENTER THE NUMBERS OF THE WEEKS ABSENT

ENTER (A) IF ALL WEEKS

ENTER (N) AFTER LAST WEEK IS ENTERED

## -PPABRE-

What was the main reason you were absent without pay during those weeks?

- (1) On layoff (temporary or indefinite)
- (2) Slack work or business conditions
- (3) Own injury
- (4) Own illness/medical problems
- (5) Pregnancy/childbirth
- (6) Taking care of children
- (7) On vacation/personal days
- (8) Bad weather
- (9) Labor dispute
- (10) New job to begin within 30 days
- (11) Participated in a job-sharing arrangement
- (12) Other

## -WCYN5-

Did you receive any money from workers' compensation as a result of any kind of job-related injury or illness?

- (1) Yes
- (2) No

## -UECYN5-

Did you receive any type of unemployment payments?

- (1) Yes
- (2) No

#### -UECYNTP5-

What type was it? ENTER (N) FOR NO MORE

- (1) State unemployment compensation
- (2) Supplemental unemployment benefits
- (3) Other (strike pay, union benefits, Trade Adjustment Act benefits, etc.)

## -PPLOOK-

Now let's talk about the weeks between [reference month 1] 1st and the end of [reference month 4] when you did NOT have a job or a business.

During THOSE weeks, did you spend any time on layoff from a job?

IF THE RESPONDENT NEEDS TO KNOW WHAT CALENDAR WEEKS TO CHOOSE FROM, READ THE RESPONDENT THE FOLLOWING WEEKS:

- (1) Yes
- (2) No

## -PPLAYDT-

When you were laid off, did your employer give you a date to return to work?

- (1) Yes
- (2) No

# -PPLAY6M-

Were you given any indication that you would be recalled to work within 6 months of being laid off?

- (1) Yes
- (2) No

## -PPLKWRK-

During the weeks when you did not have a job or business, did you spend any time looking for work? During those weeks did you spend any time looking for work?

- (1) Yes
- (2) No

## -PPLKWK-

In which of those weeks were you looking for work?

ENTER THE NUMBERS BESIDE THE WEEKS, EVEN IF ONLY ONE DAY OF THAT WEEK WAS SPENT LOOKING OR ON LAYOFF.

ENTER (A) IF ALL WEEKS

ENTER (N) AFTER LAST REPORTED WEEK

[List of weeks not working]

#### -PPTAKJOB-

Could you have started a job during those weeks if one had been offered or could you have returned to work if you had been recalled?

Could you have started a job during any of those weeks if one had been offered?

Could you have returned to work during any of those weeks if you had been recalled?

- (1) Yes
- (2) No

#### -PPNOTAKE-

Why was that?

- (1) Waiting for a new job to begin
- (2) Own temporary illness
- (3) School
- (4) Other

## -NOTHER-

ENTER THE SPECIFIC "OTHER" REASON COULD NOT TAKE JOB

-SOMWRK-
During the weeks that you did not have a job or a business, did you do any work at all that earned son money?
(1) Yes
(2) No
-MTHWRK-
In which of the months [reference month 1] through [reference month 4] did you do that work?
ENTER (1) BY MONTH IF WORKED
ENTER (0) BY MONTH IF NOT WORKED
[reference month 1]:
[reference month 2]:
[reference month 3]:
[reference month 4]:
-WCYN6-
Did you receive any money from workers' compensation as a result of any kind of job-related injury of illness?
(1) Yes
(2) No
-UECYN6-
Did you receive any type of unemployment payments?
(1) Yes
(2) No
-UECYNTP6-
What type was it?
ENTER (N) FOR NO MORE
(1) State unemployement compensation
(2) Supplemental unemployment benefits
(3) Other (strike pay, union benefits, Trade Adjustment Act benefits, etc.)

# -PTWRK-

Now consider all your work from your businesses during this period.

Were there any weeks when you worked less than 35 hours?

# NOTE: INCLUDE HOURS WORKED AT ALL JOBS/BUSINESSES

- (1) Yes
- (2) No

#### -PTRESN-

I have recorded that there were weeks in which you worked less than 35 hours. What was the main reason you worked less than 35 hours in those weeks?

- (1) Could not find full-time job
- (2) Wanted to work part-time
- (3) Temporarily unable to work full-time because of injury
- (4) Temporarily unable to work full-time because of illness
- (5) Unable to work full-time because of chronic health condition/disability
- (6) Taking care of children/other persons
- (7) Full-time workweek is less than 35 hours
- (8) Slack work or material shortage
- (9) Participated in a job-sharing arrangement
- (10) On vacation
- (11) In school
- (12) Other

#### -PTRESNB-

What was the main reason you worked less than 35 hours in those weeks?

- (1) Could not find full-time job
- (2) Wanted to work part-time
- (3) Temporarily unable to work full-time because of injury
- (4) Temporarily unable to work full-time because of illness
- (5) Unable to work full-time because of chronic health condition/disability
- (6) Taking care of children/other persons
- (7) Full time workweek is less than 35 hours
- (8) Slack work or material shortage
- (9) Participated in a job-sharing arrangement
- (10) On vacation
- (11) In school
- (12) Other

# -PTSPEC-

#### ENTER THE SPECIFIC "OTHER" REASON FOR PART TIME WORK

#### -SITNOWCT-

#### ASK OR VERIFY

Do you work at a job, a business, or something else to earn money NOW?

- (1) Yes
- (2) No
- (3) Not sure or Don't know

## -SITNOW-

What best describes your situation now?

# READ ALL ANSWERS

- (1) Looking for work
- (2) On layoff from a job
- (3) Waiting for a new job to begin
- (4) Retired
- (5) Taking care of home and family (including pregnancy)
- (6) In school
- (7) Not able to work because of illness or disability
- (8) Or something else?

-OTHSIT-
ENTER THE SPECIFIC "OTHER" SITUATION
-LAYEMP-
What is the name of the employer from which you are on layoff?
-DISABL-
Do you have a physical, mental or other health condition that limits the kind or amount of work you car do?
(1) Yes (2) No
-DISPREV-
Does your health or condition prevent your from working at a job or business?
(1) Yes (2) No
-EVERET-
Have you ever retired, for any reason, from a job or business?
(1) Yes (2) No
-JOBSRCH-
At any time since [reference month 1] 1st, did social services or a welfare office provide job training, a Job Club, a job search program, or anything else to help you try to find a job?
<ul><li>(1) Yes</li><li>(2) No</li></ul>

# -JOBTRAIN-

At any time since [reference month 1] 1st, did you attend schooling or training because social services or a welfare office paid for, referred, or sent you there?

- (1) Yes
- (2) No

End of Labor Force 1 Section

# Labor Force, Part 2 Section

## -PYRCV-

The next questions are about the income you received.

The questions ask about your gross income BEFORE any deductions for taxes, health insurance, and so on.

#### PRESS ENTER TO CONTINUE

## -P1M4-

Each time you were paid by [Employer name] in [reference month 4], how much did you receive BEFORE deductions?

- (P) Proceed to enter one or more gross amounts for the month
- (C) Calculate Respondent reports hourly wages and hours worked

ENTER GROSS AMOUNTS RECEIVED IN [reference month 4] OR (N) FOR NONE. (AFTER LAST REPORTED AMOUNT ASK --)

Anything else? Any tips, bonuses, overtime pay, or commissions?

# (ENTER (N) AFTER LAST REPORTED AMOUNT)

(S) Same as last amount entered

#### -FOLLOW4-

Is that the total for the month or the amount of a single payment?

- (1) Total for the month
- (2) Amount of a single payment

#### -MOREPAY4-

Please tell me the other payments you received in [reference month 4] from [Employer name].

ENTER (N) FOR NONE OR NO MORE.

-MTOT4VER-
NOTE TO INTERVIEWER - DO NOT READ
The total amount reported for [reference month 4], \$[Total], is unusually large.
If the amount is correct, enter P to proceed.  If the amount is incorrect, hit F1 to back up and correct it.
(P) Proceed
-CALC41-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC41VR-
That comes to \$[Total]. Does that sound about right?
IF CORRECT ENTER P TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY41-
I have recorded that your earnings for [reference month 4] are: [reported earnings]
Did you receive any other pay in [reference month 4] from [Employer name]?
(1) Yes
(2) No
-CALC42-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE
MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC42VR-
That comes to \$[Total].
Does that sound about right?
IF CORRECT ENTER P TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY42-
I have recorded that your earnings for [reference month 4] are:
[reported earnings]
Did you receive any other pay in [reference month 4] from [Employer name]?
(1) Yes (2) No
-CALC43-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC43VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY43-
I have recorded that your earnings for [reference month 4] are:
[reported earnings]
Did you receive any other pay in [reference month 4] from [Employer name]?
(1) Yes (2) No
-CALC44-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC44VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY44-
I have recorded that your earnings for [reference month 4] are:
[reported earnings]
Did you receive any other pay in [reference month 4] from [Employer name]?
(1) Yes (2) No
-CALC45-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC45VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

#### -PAYTMS4-

#### (NOTE TO INTERVIEWER - DO NOT READ)

Based on the PAY PERIOD and the DATE LAST PAID, the respondent should have been paid [# of] times in [reference month 4].

Probe for additional payments.

If additional amounts are reported, back up (F1) to enter additional amounts.

If there are no additional amounts, enter P to proceed.

(P) Proceed

## -ANAMT-

#### ENTER THE AMOUNT EARNED PER YEAR

# -P1M3-

Each time you were paid by [Employer name] in [reference month 3], how much did you receive BEFORE deductions?

- (P) Proceed to enter one or more gross amounts for the month
- (C) Calculate Respondent reports hourly wages and hours worked

ENTER GROSS AMOUNTS RECEIVED IN [reference month 3] OR (N) FOR NONE. (AFTER LAST REPORTED AMOUNT ASK --)

Anything else? Any tips, bonuses, overtime pay, or commissions?

## (ENTER (N) AFTER LAST REPORTED AMOUNT)

(S) Same as last amount entered

# -FOLLOW3-

Is that the total for the month or the amount of a single payment?

- (1) Total for the month
- (2) Amount of a single payment

-MOREPAY3-
Please tell me the other payments you received in [reference month 3] from [Employer name].
ENTER (N) FOR NONE OR NO MORE.
-MTOT3VER-
NOTE TO INTERVIEWER - DO NOT READ
The total amount reported for [reference month 3], \$[Total], is unusually large.
If the amount is correct, enter P to proceed.  If the amount is incorrect, hit F1 to back up and correct it.
(P) Proceed
-CALC31-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC31VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY31-
I have recorded that your earnings for [reference month 3] are:
[reported earnings]
Did you receive any other pay in [reference month 3] from [Employer name]?
(1) Yes (2) No
-CALC32-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC32VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY32-
I have recorded that your earnings for [reference month 3] are:
[reported earnings]
Did you receive any other pay in [reference month 3] from [Employer name]?
(1) Yes (2) No
-CALC33-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC33VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY33-
I have recorded that your earnings for [reference month 3] are:
[reported earnings]
Did you receive any other pay in [reference month 3] from [Employer name]?
(1) Yes (2) No
-CALC34-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC34VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY34-
I have recorded that your earnings for [reference month 3] are:
[reported earnings]
Did you receive any other pay in [reference month 3] from [Employer name]?
(1) Yes (2) No
-CALC35-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC35VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

#### -PAYTMS3-

#### (NOTE TO INTERVIEWER - DO NOT READ)

Based on the PAY PERIOD and the DATE LAST PAID, the respondent should have been paid [# of] times in [reference month 3].

Probe for additional payments.

If additional amounts are reported, back up (F1) to enter additional amounts.

If there are no additional amounts, enter P to proceed.

(P) Proceed

#### -P1M2-

Each time you were paid by [Employer name] in [reference month 2], how much did you receive BEFORE deductions?

- (P) Proceed to enter one or more gross amounts for the month
- (C) Calculate Respondent reports hourly wages and hours worked

ENTER GROSS AMOUNTS RECEIVED IN [reference month 2] OR (N) FOR NONE. (AFTER LAST REPORTED AMOUNT ASK --)

Anything else? Any tips, bonuses, overtime pay, or commissions?

## (ENTER (N) AFTER LAST REPORTED AMOUNT)

(S) Same as last amount entered

# -FOLLOW2-

Is that the total for the month or the amount of a single payment?

- (1) Total for the month
- (2) Amount of a single payment

-MOREPAY2-
Please tell me the other payments you received in [reference month 2] from [Employer name].
ENTER (N) FOR NONE OR NO MORE.
-MTOT2VER-
NOTE TO INTERVIEWER - DO NOT READ
The total amount reported for [reference month 2], \$[Total], is unusually large.
If the amount is correct, enter P to proceed.  If the amount is incorrect, hit F1 to back up and correct it.
(P) Proceed
-CALC21-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH
(ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC21VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY21-
I have recorded that your earnings for [reference month 2] are:
[reported earnings]
Did you receive any other pay in [reference month 2] from [Employer name]?
(1) Yes (2) No
-CALC22-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC22VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY22-
I have recorded that your earnings for [reference month 2] are:
[reported earnings]
Did you receive any other pay in [reference month 2] from [Employer name]?
(1) Yes (2) No
-CALC23-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC23VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY23-
I have recorded that your earnings for [reference month 2] are:
[reported earnings]
Did you receive any other pay in [reference month 2] from [Employer name]?
(1) Yes (2) No
-CALC24-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH
(ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC24VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY24-
I have recorded that your earnings for [reference month 2] are:
[reported earnings]
Did you receive any other pay in [reference month 2] from [Employer name]?
(1) Yes (2) No
-CALC25-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC25VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

#### -PAYTMS2-

#### (NOTE TO INTERVIEWER - DO NOT READ)

Based on the PAY PERIOD and the DATE LAST PAID, the respondent should have been paid [# of] times in [reference month 2].

Probe for additional payments.

If additional amounts are reported, back up (F1) to enter additional amounts.

If there are no additional amounts, enter P to proceed.

(P) Proceed

#### -P1M1-

Each time you were paid by [Employer name] in [reference month 1], how much did you receive BEFORE deductions?

- (P) Proceed to enter one or more gross amounts for the month
- (C) Calculate Respondent reports hourly wages and hours worked

ENTER GROSS AMOUNTS RECEIVED IN [reference month 1] OR (N) FOR NONE. (AFTER LAST REPORTED AMOUNT ASK --)

Anything else? Any tips, bonuses, overtime pay, or commissions?

## (ENTER (N) AFTER LAST REPORTED AMOUNT)

(S) Same as last amount entered

# -FOLLOW1-

Is that the total for the month or the amount of a single payment?

- (1) Total for the month
- (2) Amount of a single payment

-MOREPAY1-
Please tell me the other payments you received in [reference month 1] from [Employer name].
ENTER (N) FOR NONE OR NO MORE.
-MTOT1VER-
NOTE TO INTERVIEWER - DO NOT READ
The total amount reported for [reference month 1], \$[Total], is unusually large.
If the amount is correct, enter P to proceed.  If the amount is incorrect, hit F1 to back up and correct it.
(P) Proceed
-CALC11-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC11VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY11-
I have recorded that your earnings for [reference month 1] are:
[reported earnings]
Did you receive any other pay in [reference month 1] from [Employer name]?
(1) Yes (2) No
-CALC12-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC12VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY12-
I have recorded that your earnings for [reference month 1] are:
[reported earnings]
Did you receive any other pay in [reference month 1] from [Employer name]?
(1) Yes (2) No
-CALC13-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH
(ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC13VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY13-
I have recorded that your earnings for [reference month 1] are:
[reported earnings]
Did you receive any other pay in [reference month 1] from [Employer name]?
(1) Yes (2) No
-CALC14-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC14VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

-MORPAY14-
I have recorded that your earnings for [reference month 1] are:
[reported earnings]
Did you receive any other pay in [reference month 1] from [Employer name]?
(1) Yes (2) No
-CALC15-
ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
IF NEEDED, ENTER SECOND PAY RATE AND TOTAL HOURS AT THAT RATE IN THE MONTH (ENTER (N) IF SECOND PAY RATE IS NOT NEEDED)
PAY RATE: Dollars and Cents TOTAL HOURS WORKED AT THIS RATE IN THE MONTH:
-CALC15VR-
That comes to \$[Total].  Does that sound about right?
IF CORRECT ENTER (P) TO PROCEED IF NOT CORRECT HIT F1 TO BACK UP AND MAKE CORRECTIONS
(P) Proceed

## -PAYTMS1-

#### (NOTE TO INTERVIEWER - DO NOT READ)

Based on the PAY PERIOD and the DATE LAST PAID, the respondent should have been paid [# of] times in [reference month 1].

Probe for additional payments.

If additional amounts are reported, back up (F1) to enter additional amounts.

If there are no additional amounts, enter P to proceed.

(P) Proceed

# -TAKEHOME-

Just to be sure -- were the amounts you gave me for [reference month 1] [reference month 2] [reference month 3] [reference month 4] your take-home pay, or were they your gross pay BEFORE any taxes and other deductions were taken out?

- (1) Take-home pay (net, after deductions)
- (2) Gross (total) pay (before deductions)
- (3) Other

#### -GETGROSS-

This survey needs to get people's gross income amounts. Do you know your gross pay amounts?

- (1) Yes
- (2) No

#### -GETRECS-

Do you have records available, such as pay stubs, that would show the gross amounts?

- (1) Yes
- (2) No

-GROSSPAYM4-
What were the gross pay amounts in [reference month 4]?
ENTER (S) FOR SAME AMOUNT ENTER (N) AFTER ENTERING LAST AMOUNT
Old net amount(s): New Gross amount(s):
\$ \$ \$ \$
-ALLGROSSM4-
** DO NOT READ TO RESPONDENT **
Are all amounts for [reference month 4] now GROSS amounts?
<ul><li>(1) Yes, all amounts are gross</li><li>(2) No, some net amounts remain</li></ul>
-GROSSPAYM3-
What were the gross pay amounts in [reference month 3]?
ENTER (S) FOR SAME AMOUNT ENTER (N) AFTER ENTERING LAST AMOUNT
Old net amount(s): New Gross amount(s):
\$ \$ \$ \$
<del>†</del>

-ALLGROSSM3-
** DO NOT READ TO RESPONDENT **
Are all amounts for [reference month 3] now GROSS amounts?
(1) Yes, all amounts are gross
(2) No, some net amounts remain
-GROSSPAYM2-
What were the gross pay amounts in [reference month 2]?
ENTER (S) FOR SAME AMOUNT
ENTER (N) AFTER ENTERING LAST AMOUNT
Old net amount(s): New Gross amount(s):
\$
\$
\$ \$
\$
-ALLGROSSM2-
** DO NOT READ TO RESPONDENT **
Are all amounts for [reference month 2] now GROSS amounts?
(1) Yes, all amounts are gross
(2) No, some net amounts remain

-GROSSPAYM1-
What were the gross pay amounts in [reference month 1]?
ENTER (S) FOR SAME AMOUNT ENTER (N) AFTER ENTERING LAST AMOUNT
Old net amount(s): New Gross amount(s):
\$ \$ \$ \$
-ALLGROSSM1-
** DO NOT READ TO RESPONDENT **
Are all amounts for [reference month 1] now GROSS amounts?
<ul><li>(1) Yes, all amounts are gross</li><li>(2) No, some net amounts remain</li></ul>
-CALLGROS-
If I were to call back later, would you be able to obtain a pay stub or some other record that shows your gross pay amounts?
(1) Yes (2) No
-CBPY1-
It is very important that we collect information about income amounts that is as complete and accurate as possible. If I were to call back later, would you or someone else be able to provide me with this information?
(1) Yes (2) No

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The next few questions are about your income from: [Business name]

What was the total amount of income you received from [Business name] in the month of [reference month 4]?

(ENTER UP TO 5 SEPARATE AMOUNTS FOR THE MONTH)

(N) None/No more (S) Same as last amount entered

How much did you receive from [Business name] in [reference month 3]?

And in [reference month 2]?

And in [reference month 1]?

#### -CBB-

It is very important that we collect information about income amounts that is as complete and accurate as possible. If I were to call back later, would you or someone else be able to provide me with this information?

- (1) Yes
- (2) No

## -LSTB-

(DO NOT READ TO RESPONDENT)

SEE BELOW FOR BUSINESSES OWNED BY OTHER HOUSEHOLD MEMBERS

Have you asked another person in this household about the net profit or loss from [Business name]?

- (1) Yes
- (2) No

#### -PRFTB-

For [Business name], what is your best estimate of the net profit or loss, that is, the difference between gross receipts and expenses, between [reference month 1] 1st and the end of [reference month 4]?

ENTER (P) FOR PROFIT OR (L) FOR LOSS AND THEN ENTER AMOUNT ENTER (P),(1) IF BROKE EVEN

- (1) (Profit or Loss)
- (2) (Amount)

# -MOONLITE-

You told me that between [reference month 1] and [reference month 4] you had some work in addition to the jobs/business whose income we just talked about. Did you receive any income from any additional work from [reference month 1] to [reference month 4]?

- (1) Yes
- (2) No

#### -MLM4-

(JOB/BUSINESS = additional work)

What was the total amount of income you received from this work in the month of [reference month 4]?

(ENTER UP TO 5 INDIVIDUAL AMOUNTS FOR THE MONTH)

(N) None/No more (S) Same as last amount entered

What was it in [reference month 3]?

What was it in [reference month 2]?

What was it in [reference month 1]?

# -LFREC-

# \*\* DO NOT READ TO RESPONDENT \*\*

Did the respondent use any records to answer any Labor Force Earnings questions?

- (1) Yes
- (2) No

End of Labor Force 2 Section

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Cienerai	micome.	Part I	Section

# -OTHINT-

Now I will ask questions about receipt of income from various other sources.

# PRESS ENTER TO CONTINUE

# -LMPNOW-

Did you receive any severance pay or lump sum payments from a pension or retirement plan when you left your job(s)?

- (1) Yes
- (2) No

# -LMPFUTR-

Do you ever expect to receive any such payments from that/these job(s)?

- (1) Yes
- (2) No

# -LUMPTYP-

What type of payment? ENTER (N) FOR NONE/NO MORE

- (1) Lump sum from pension/retirement plan
- (2) Severance pay
- (3) Deferred payment(s) payable at some later date
- (4) Something else

-LMF	PELSE-
	What kind of other payment was it?
-VAY	YN-
	Excluding regular military retirement pay, insurance proceeds, and GI Bill benefits, did you receive any payments from the Department of Veterans Affairs (VA)?
	(1) Yes
	(2) No
-PWV	/AYN-
	Last time we recorded that you received payments from the Department of Veterans Affairs (VA) other than regular military retirement pay, insurance proceeds and GI Bill benefits.
	Did you receive any of those payments at anytime between [reference month 1] 1st and today?
	(1) Yes (2) No
-PWV	/AMTH-
	In which month did you last receive those payments from the Veterans Administration?
	[List of months]
	(9) Other
	(N) Never Received
-SSY	N-
	Did you receive any Social Security payments?
	(1) Yes
	(2) No

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-SS			) Y	Υl	N-	

Did you receive any Social Security payments on behalf of:

READ NAMES OF CHILDREN

- (1) Yes
- (2) No

Did you receive any Social Security payments for yourself?

- (1) Yes
- (2) No

# -PWSSYN-

Last time I recorded that you received Social Security payments.

Did you receive any Social Security payments at any time between [reference month 1] 1st and today?

- (1) Yes
- (2) No

# -PWSSCLDYN-

Last time I recorded that you received Social Security. At any time since [reference month 1] 1st, did you receive any Social Security payments especially for:

# READ NAMES OF CHILDREN

(1) Yes

(2) No

Did you receive any Social Security payments for yourself?

(1) Yes

(2) No

# -PWSSMTH-

In which month did you last receive payments from Social Security?

[List of months]

- (9) Other
- (N) Never Received

-SSIYN-	
Did yo	u receive any income from SSI, that is, a program called Supplemental Security Income?
(1) Yes (2) No	;
-SSICLDYN-	
READ	u receive any Supplemental Security Income (SSI) for: NAMES OF CHILDREN
(1) Yes	s (2) No
Did yo (1) Yes	u receive any income from Supplemental Security Income (SSI) for yourself?  (2) No
-PWSSIYN-	
Last tin	ne I recorded that you received Supplemental Security Income (SSI) payments.
Did yo	u receive any SSI payments at any time between [reference month 1] 1st and today?
(1) Yes (2) No	;
-PWSSICLDY	N-
of last	me I recorded that you received Supplemental Security Income, or SSI. At any time since [montinterview] 1st, did you receive any Supplemental Security Income (SSI) for:  NAMES OF CHILDREN  (2) No

Did you receive any income from Supplemental Security Income (SSI) for yourself?

(1) Yes

(2) No

#### -PWSSIMTH-

In which month did you last receive Supplemental Security Income payments?

[List of months]

- (9) Other
- (N) Never Received

# -STSSIYN-

Did you also receive a SEPARATE SSI payment from the State or local welfare office?

- (1) Yes
- (2) No

# -DSYN-

Earlier I recorded that you have a health condition which limits the kind or amount of work you can do. Did you receive any income because of your health condition?

- (1) Yes
- (2) No

# -DSTYP-

What kind of income was that? Anything else? ENTER (N) FOR NO MORE

- (1) Workers' Compensation
- (2) Payments from a sickness, accident, or disability insurance policy purchased on your own
- (3) Employer disability payments
- (4) Pension from company or union including income from profit-sharing plans
- (5) Federal Civil Service or other Federal civilian employee pension
- (6) State government pension
- (7) Local government pension
- (8) U.S. Military retirement pay exclude payments from the Department of Veterans Affairs (VA)
- (9) U.S. Government Railroad Retirement
- (10) Black Lung payments
- (11) Other

-OTHRTYPE-
What was the specific "other" source of the income you received because of your health condition?
-PWDSYN-
Last time we recorded that you received income because of a health condition or disability from the following source(s).
[List of income sources]
Did you receive income from any of these sources during the time period from [reference month 1] up to today?
(1) Yes
(2) No
Which ones?
(A) All sources listed
(N) None/No more
-DISREC1-
In which month did you last receive [disability income]?
[List of income]
(9) Other
(N) Never Received
-DISYR1-
When did you last receive [disability income]?
MONTH:
YEAR:

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Did you receive income from any other source during this time period because of a health condition?

- (1) Yes
- (2) No

#### -ODISTYP-

What kind of income was that? Anything else?

- (N) None/No more
- (1) Worker's Compensation
- (2) Payments from a sickness, accident, or disability insurance policy purchased on your own
- (3) Employer disabilty payments
- (4) Pension from company or union including income from profit-sharing plans
- (5) Federal Civil Service or other Federal civilian employee pension
- (6) State government pension
- (7) Local government pension
- (8) U.S.Military retirement pay excluding payments from the Department of Veterans Affairs (VA)
- (9) U.S. Government Railroad Retirement
- (10) Black Lung Payments
- (11) Other

#### -OTHRDIS-

What was the specific "other" source of the income you received because of your health condition?

## -RTYN-

Earlier I recorded that you retired from a previous job. Did you receive any retirement income?

- (1) Yes
- (2) No

#### -RTTYP-

What kind of income was that? Anything else? ENTER (N) FOR NONE/NO MORE

- (1) Pension from company or union including income from profit-sharing plans
- (2) Federal Civil Service or other Federal civilian employee pension
- (3) State government pension
- (4) Local government pension
- (5) U.S. Military retirement pay exclude payments from the Department of Veterans Affairs (VA)
- (6) U.S. Government Railroad Retirement
- (7) National Guard or Reserve Forces retirement
- (8) Other

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What is the specific "other" source of the retirement income that you received.

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#### -LIFEYN-

Did you receive any REGULAR retirement income from a paid-up life insurance policy or any other annuities?

- (1) Yes
- (2) No

#### -PWRTYN-

Last time we recorded that you received retirement income from the following source(s). [List of retirement income sources]

Did you receive income from any of these sources during the time period from [reference month 1] up to today?

- (1) Yes
- (2) No

Which ones?

- (A) All sources listed
- (N) None/No more

-RETREC1-
In which month did you last receive [retirement income]?
[List of months]
(9) Other (N) Never Received
-RETYR1-
When did you last receive [retirement income]?
MONTH:
YEAR:
-OTHRET-
Did you receive retirement income from any other source during this time period?
(1) Yes
(2) No
-ORETTYP-
What kind of income was that? Anything else? (N) None/No more
(1) Pension from company or union including income from profit-sharing plans

- (2) Federal Civil Service or other Federal civilian employee pension
- (3) State government pension
- (4) Local government pension
- (5) U.S. Military retirement pay exclude payments from the Department of Veterans Affairs (VA)
- (6) U.S. Government Railroad Retirement
- (7) National Guard or Reserve Forces retirement
- (8) Other

# -OTHRRET-

What was the specific "other" source of the retirement income you received?

\_\_\_\_\_

#### -SRYN-

Did you receive any income as a result of being a survivor?

- (1) Yes
- (2) No

#### -SRTYP-

What kind of income was that? Anything else?

ENTER (N) FOR NONE/NO MORE

- (1) Pension from company or union including income from profit-sharing plans
- (2) Veterans' compensation or pension
- (3) Federal Civil Service or other Federal civilian employee pension
- (4) U.S. Government Railroad Retirement
- (5) State government pension
- (6) Local government pension
- (7) Income from paid-up life insurance policies or annuities
- (8) U.S. Military retirement pay. Exclude payments from the Department of Veterans Affairs (VA)
- (9) Black Lung benefits
- (10) Worker's Compensation
- (11) Payments from estate or trust
- (12) National Guard or Reserve Forces retirement
- (13) Other

# -SUROTH-

What was the specific "other" source of income you received as a survivor?

-PWSRYN-
Last time we recorded that you received income as a result of being a survivor from the following
source(s).
[List of survivor income sources]
Did you receive income from any of these sources during the time period from [reference month 1] up to
today?
(1) Yes (2) No
Which ones?
(A) All sources listed
(N) None/No more
-SURREC1-
In which month did you last receive [survivor income]?
[List of months]
(9) Other
(N) Never Received
-SURYR1-
When did you last receive [survivor income]?
MONTH:
YEAR:
-OTHSUR-
Did you receive income from any other source during this time period as a result of being a survivor?
(1) Yes
(2) No

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What kind of income was that? Anything else?

- (1) Pension from company or union including income from profit-sharing plans
- (2) Veterans' compensation or pension
- (3) Federal Civil Service or other Federal civilian employee pension
- (4) U.S. Government Railroad Retirement
- (5) State government pension
- (6) Local government pension
- (7) Income from paid-up life insurance policies or annuities
- (8) U.S. Military retirement pay. Exclude payments from the Department of Veterans Affairs (VA)
- (9) Black Lung benefits
- (10) Worker's Compensation
- (11) Payments from estate or trust
- (12) National Guard or Reserve Forces retirement
- (13) Other
- (N) None/No more

-21			

What was the specific "other" source of income you received as a survivor?

\_\_\_\_

#### -FCCYN-

Did you receive any foster child care?

- (1) Yes
- (2) No

## -PWFCCYN-

Last time I recorded that you received Foster Child Care payments.

Did you receive any Foster Child Care payments at any time between [reference month 1] and today?

- (1) Yes
- (2) No

-PWFCCMTH-
In which month did you last receive Foster Child Care payments?
[List of months]
(9) Other
(N) Never Received
-FCCYR1-
When did you last receive Foster Child Care payments?
MONTH:
YEAR:
-CSAGREE-
Have support payments ever been court ordered or informally agreed to for [child's name]?
(1) Yes
(2) No
-CSYN-
Did you receive any kind of financial support payments from the child's other parent?
(1) Yes
(2) No
-PWCSYN-
Last time I recorded that you received Child Support payments.
Did you receive any Child Support payments at any time between [reference month 1] and today?
(1) Yes
(2) No

-PWCSMTH-
In which month did you last receive Child Support payments?
[List of months]
(9) Other
(N) Never Received
-CSYR1-
When did you last receive Child Support payments?
MONTH:
YEAR:
-ALIYN-
Did you receive any alimony payments?
(1) Yes
(2) No
-PWALIYN-
Last time I recorded that you received Alimony payments.
Did you receive any Alimony payments at any time between [reference month 1] and today?
(1) Yes
(2) No
-PWALIMTH-
In which month did you last receive Alimony payments?
[List of months]
(9) Other
(N) Never Received

-ALIYR1-
When did you last receive Alimony payments?
MONTH:
YEAR:
-FSYN-
Were you authorized to receive food stamps?
(1) Yes (2) No
-PWFSYN-
Last time I recorded that you were authorized to receive Food Stamps.
Did you receive any Food Stamps at any time between [reference month 1] and today?
(1) Yes (2) No
-PWFSMTH-
In which month did you last receive Food Stamps?
[List of months] (9) Other (N) Never Received
-FSYR1-
When did you last receive Food Stamps?
MONTH:
YEAR:

-WICYN-				
Are you on WIC, the Womens, Infa	ants, and Children's nutrition program?			
(1) Yes				
(2) No				
-PWWICYN-				
Last time I recorded that you were	on WIC, the Womens, Infants, and Children's nutrition program.			
Were you on WIC at any time between	een [reference month 1] and today?			
(1) Yes				
(2) No				
-PWWICMTH-				
In which month did you last receive	e WIC benefits?			
[List of months]				
(9) Other				
(N) Never Received				
-WICYR1-				
When did you last receive WIC ber	nefits?			
MONTH:				
YEAR:				
-PATYN-				
Did you receive any government pa welfare?	ayments because your income was low, such as public assistance or			
(1) Yes				
(2) No				

#### -PACHCK1-

How about any other kinds of government assistance, such as, gas vouchers, bus passes, or help registering, repairing, or insuring your car, reduced price child care services, or short-term cash assistance to tide you over?

- (1) Yes
- (2) No

# -PACHCK2-

What did you receive?

# MARK ALL THAT APPLY. ENTER (N) FOR NONE/NO MORE

- (1) Transportation assistance, including gas vouchers, bus passes, or help registering, repairing, or insuring a car
- (2) Child Care Services or Assistance
- (3) Any short-term cash assistance to tide you over when you needed it to help you stay off welfare; or for an emergency
- (4) Other assistance

# -PATYP-

Did you receive:

## READ ALL CATEGORIES. ENTER (N) FOR NONE/NO MORE

- (1) Public Assistance Payments-formerly known as AFDC or ADC
- (2) General Assistance or General Relief
- (3) Energy Assistance Program
- (4) Transportation Assistance, such as gas vouchers, bus passes, or help registering, repairing, or insuring a car?
- (5) Child Care Services or Assistance so you could go to work or school or training?
- (6) Any short-term cash assistance to tide you over when you needed it to help you stay off welfare; or for an emergency?
- (7) Any other assistance from the government?

-PWADCYN-
Last time I recorded that you received public assistance payments formerly know as AFDC or ADC?
Did you receive any such assistance at any time between [reference month 1] and today?
NOTE FOR FR: DO NOT INCLUDE ANY ENERGY ASSISTANCE
(1) Yes
(2) No
-PWADCMTH-
In which month did you last receive AFDC?
[List of months]
(9) Other
(N) Never Received
-ADCYR1-
When did you last receive this assistance?
MONTH:
YEAR:
-PWGAYN-
Last time I recorded that you received General Assistance.
Did you receive any General Assistance at any time between [reference month 1] and today?
(1) Yes
(2) No

-PWGAMTH-
In which month did you last receive General Assistance?
[List of months]
(9) Other
(N) Never Received
-GAYR1-
When did you last receive General Assistance?
MONTH:
YEAR:
-PWEAYN-
Last time I recorded that you received Energy Assistance.
Did you receive any Energy Assistance at any time between [reference month 1] and today?
(1) Yes
(2) No
-PWEAMTH-
In which month did you last receive Energy Assistance?
[List of months]
(9) Other
(N) Never Received
-EAYR1-
When did you last receive Energy Assistance?
MONTH:
YEAR:

# -PATYP2-

Since [reference month 1] 1st, did you receive any other government payments because your income was low, such as:

#### ENTER (N) FOR NONE/NO MORE

- (4) Transportation Assistance, such as gas vouchers, bus passes, or help registering, repairing, or insuring a car?
- (5) Child Care Services or Assistance so you could go to work or school or training?
- (6) Any short-term cash assistance to tide you over when you needed it to help you stay off welfare; or for an emergency?
- (7) Any other assistance from the government?

-PA	O	ГΗ	R.

What was the specific "other" source of public assistance income?

## -PSSTHRU-

Did you receive ANY child support as a bonus or pass thru from a public assistance agency?

- (1) Yes
- (2) No

#### -PWPSYN-

Last time I recorded that you received child support as a bonus or pass thru from a public assistance agency?

Did you receive any Pass Thru Child Support payments of this type at any time between [reference month 1] and today?

- (1) Yes
- (2) No

-PWI	PSMTH-
	In which month did you last receive pass thru child support payments?
	[List of months]
	(9) Other (N) Never Received
-PSY	TR1-
	When did you last receive pass thru child support payments?
	MONTH:
	YEAR:
-NOI	NC-
	Did you receive any non-job income from some source we have not covered, such as financial help from someone outside this household, payments from the government, or anything else?
	(1) Yes (2) No
-INC	LIST-
	I have recorded that, between [reference month 1] 1st and today, you had the following sources of non-job income:
	(READ NAMES OF INCOME SOURCES) PRESS "SHIFT-F6" TO ACCESS INCOME SOURCES LISTED IN BOX BELOW. PRESS "SHIFT-F6" AGAIN TO RETURN TO THIS POINT.
	Have I listed anything that SHOULD NOT be there? (1) Yes (2) No

# -ERRSRC-

Which of these?

(N) None/No more

# -ANYOTH-

Did you receive income from any source, such as financial help from someone outside the household, payments from the government, or any other program income?

NOTE TO FR: DO NOT ANSWER 'YES' FOR ANY TYPES OF ASSET-BASED INCOME, WHICH WILL BE COVERED IN THE NEXT SECTION.

- (1) Yes
- (2) No

## -OTHSRCE-

PRESS "SHIFT-F6" TO ACCESS INCOME SOURCES LISTED IN BOX BELOW. PRESS "SHIFT-F6" AGAIN TO RETURN TO THIS POINT.

What kind of income did you receive?
ENTER NUMERIC CODE OF INCOME SOURCE REPORTED

ANYTHING ELSE?

(N) None/No more

# -COMSERV-

At any time since [reference month 1] 1ST,did the welfare or social services office have you do any community service, work in an unpaid job, or do any other work-related or job-training activities?

- (1) Yes
- (2) No

-COMTYP-	
Did you do community service, work in an unpaid job, or	do some other kind of job-training activity?
<ul><li>(1) Community service or an unpaid job</li><li>(2) Some other kind of job-training activity</li></ul>	
-СОМОТН-	
What kind of job-training activity did you do?	

End of General Income Part 1 Section

-AMTS-
Earlier I recorded that you received the following: [List of income sources]
PRESS ENTER TO CONTINUE
-RESNSS-
What is the reason you are getting [List of income sources]
Any other reason?
READ ALL CATEGORIES AND SELECT THE MOST APPROPRIATE ENTER (N) IF NO SECOND REASON
<ol> <li>Retired?</li> <li>Disabled?</li> <li>Widowed or surviving child?</li> <li>Spouse or dependent child?</li> <li>Some other reason?</li> </ol>
-AGESS-
At what age did you begin receiving [List of income sources] because of your disability?
(REPORT AGE IN YEARS)
AGE:
-JNTSSYN-
Did you receive [List of income sources] jointly with your spouse?
<ul><li>(1) Yes</li><li>(2) No</li></ul>

General Income, Part 2-A Section

-DIRE	CT-
	Does your payment come in the mail or is it direct deposited into an account?
	(1) Comes in the mail
	(2) Direct deposited
-COL	SS-
	SHOW FLASHCARD G
	Please look at this flashcard and tell me which color ENVELOPE your check comes in.
	(1) Blue
	(2) Buff
	(4) Other
-WHE	NSS-
	Are your payments usually deposited on the first of the month or the third?
	(1) First
	(2) Third
	(3) Other
-VET	ГҮР-
	What type of Veterans payments did you receive?
	(1) Service-connected disability compensation
	(2) Survivor Benefits
	(3) Veteran's Pension
	(4) Other Veteran's Payments
	UES-

Are you required to fill out an annual income questionnaire in order to receive a VA pension?

- (1) Yes
- (2) No

-AFSRVDIE-	
Earlier I recorded that you received income as a survivor.  Did your late spouse die while in the service or from a service-related injury?	
(1) Yes (2) No	
-AFDCMTH-	
Have you received any public assistance payments so far in [current month]?	
(1) Yes (2) No	
In [reference month 4?	
In [reference month 3]?	
In [reference month 2]?	
In [reference month 1]?	
-YSTOP21-	
What set of circumstances caused you to stop receiving [List of assistance] in [reference month	4]'
<ol> <li>Became ineligible because of increased income</li> <li>Became ineligible because of family changes(family member left, over age limit, etc.)</li> <li>Still eligible but could not/chose not to collect</li> <li>Became ineligible because program requirements were not met (did not attend school, job training, etc.)</li> <li>Eligibility ran out because of time limits</li> <li>Other, specify</li> </ol>	
-OTHSPS21-	
What reason was that?	

# -YBEG21-

What set of circumstances led you to apply for [List of assistance] in [reference month 4]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Pregnancy/birth of child
- (3) Began receiving for another dependent (e.g. grandchild)
- (4) Separated or divorced from spouse/partner
- (5) Loss of job/wages/other income (own or partner's)
- (6) Loss of other support income
- (7) Just learned about the program
- (8) Just got around to applying
- (9) Became disabled
- (10) Other, specify

#### -PRBYB21-

THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.

#### -OTHSPB21-

What	reason	was	that?

#### -YSTOP22-

What set of circumstances caused you to stop receiving [List of assistance] in [reference month 3]?

- (1) Became ineligible because of increased income
- (2) Became ineligible because of family changes(family member left, over age limit, etc.)
- (3) Still eligible but could not/chose not to collect
- (4) Became ineligible because program requirements were not met (did not attend school, job training, etc.)
- (5) Eligibility ran out because of time limits
- (6) Other, specify

$\mathbf{\gamma}$				

What reason was that?

\_\_\_\_

#### -YBEG22-

What set of circumstances led you to apply for [List of assistance] in [reference month 3]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE
NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Pregnancy/birth of child
- (3) Began receiving for another dependent (e.g. grandchild)
- (4) Separated or divorced from spouse/partner
- (5) Loss of job/wages/other income (own or partner's)
- (6) Loss of other support income
- (7) Just learned about the program
- (8) Just got around to applying
- (9) Became disabled
- (10) Other, specify

-PRBYB22-	-
	E FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY SPONSE, YOU MUST PROBE FOR A SECOND REASON.
-OTHSPB2	2-
Wha	at reason was that?
-YSTOP23-	
Wha	at set of circumstances caused you to stop receiving [List of assistance] in [reference month 2]?
(1)	Became ineligible because of increased income
(2)	Became ineligible because of family changes(family member left, over age limit, etc.)
(3)	Still eligible but could not/chose not to collect
` ´	Became ineligible because program requirements were not met (did not attend school, job training, etc.)
(5)	Eligibility ran out because of time limits
(6)	Other, specify

-OTHSPS23-

What reason was that?

# -YBEG23-

What set of circumstances led you to apply for [List of assistance] in [reference month 2]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Pregnancy/birth of child
- (3) Began receiving for another dependent (e.g. grandchild)
- (4) Separated or divorced from spouse/partner
- (5) Loss of job/wages/other income (own or partner's)
- (6) Loss of other support income
- (7) Just learned about the program
- (8) Just got around to applying
- (9) Became disabled
- (10) Other, specify

#### -PRBYB23-

THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.

#### -OTHSPB23-

What	reason	was	that?

# -YBEG220-

What set of circumstances led you to apply for [List of assistance] in [reference month 1]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Pregnancy/birth of child
- (3) Began receiving for another dependent (e.g. grandchild)
- (4) Separated or divorced from spouse/partner
- (5) Loss of job/wages/other income (own or partner's)
- (6) Loss of other support income
- (7) Just learned about the program
- (8) Just got around to applying
- (9) Became disabled
- (10) Other, specify

#### -PRBYB220-

THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.

#### -OTHSP220-

What reason was that?

# -ADCAMT15-

How much did you receive from Public Assistance Payments not including food stamps --

ENTER (N) FOR NONE/NO MORE. ENTER (S) FOR SAME AS PREVIOUS AMOUNT.

# -CHCK4-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

- (1) BACKUP AND CORRECT
- (P) Proceed

# -CHCK3-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

- (1) BACKUP AND CORRECT
- (P) Proceed

## -CHCK2-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

- (1) BACKUP AND CORRECT
- (P) Proceed

# -CHCK1-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

- (1) BACKUP AND CORRECT
- (P) Proceed

#### -AFDCAMT4-

How much did you receive from Public Assistance Payments in [reference month 4]? ENTER (N) FOR NONE/NO MORE AFTER LAST AMOUNT

# -BIGINC4-

NOTE TO FR -----THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

PRESS (1) TO BACK UP AND CORRECT IT IF IT IS IN ERROR OR (P) TO PROCEED.

- (1) BACKUP AND CORRECT
- (P) Proceed

# -CSAGCY4-

How much child support was collected by the agency in your behalf in [reference month 4]?

(N) None

# -PASSAMT4-

How much pass through child support payment did you receive in [reference month 4]?

(N) None

# -AFDCAMT3-

How much did you receive from Public Assistance Payments in [reference month 3]? ENTER (N) FOR NONE/NO MORE AFTER LAST AMOUNT

# -BIGINC3-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

PRESS (1) TO BACK UP AND CORRECT IT IF IT IS IN ERROR OR (P) TO PROCEED.

- (1) BACKUP AND CORRECT
- (P) Proceed

# -CSAGCY3-

How much child support was collected by the agency in your behalf in [reference month 3]?

(N) None

# -PASSAMT3-

How much pass through child support payment did you receive in [reference month 3]?

(N) None

# -AFDCAMT2-

How much did you receive from Public Assistance Payments in [reference month 2]? ENTER (N) FOR NONE/NO MORE AFTER LAST AMOUNT

# -BIGINC2-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

PRESS (1) TO BACK UP AND CORRECT IT IF IT IS IN ERROR OR (P) TO PROCEED.

- (1) BACKUP AND CORRECT
- (P) Proceed

# -CSAGCY2-

How much child support was collected by the agency in your behalf in [reference month 2]?

(N) None

# -PASSAMT2-

How much pass through child support payment did you receive in [reference month 2]?

(N) None

# -AFDCAMT1-

How much did you receive from Public Assistance Payments in [reference month 1]? ENTER (N) FOR NONE/NO MORE AFTER LAST AMOUNT

# -BIGINC1-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

PRESS (1) TO BACK UP AND CORRECT IT IF IT IS IN ERROR OR (P) TO PROCEED.

- (1) BACKUP AND CORRECT
- (P) Proceed

#### -CSAGCY1-

How much child support was collected by the agency in your behalf in [reference month 1]?

(N) None

#### -PASSAMT1-

How much of pass through child support payment did you receive in [reference month 1]?

(N) None

# -KIDONLY-

Did you public assistance payments cover the adults and children in the household or just the children?

- (1) Adults and children
- (2) Children only

# -AFDCCOV-

Who did your Public Assistance payment cover? ENTER LINE NUMBER OF PERSON COVERED ENTER (N) FOR NO ONE/NO MORE ENTER (A) FOR ALL

# -WICMNTH-

Have you received any WIC in [current month]?

- (1) Yes
- (2) No

In [reference month 4]?

In [reference month 3]?

In [reference month 2]?

In [reference month 1]?

# -WYSTOP21-

What set of circumstances caused you to stop receiving [List of assistance] in [reference month 4]?

- (1) Became ineligible because of increased income
- (2) Became ineligible because of family changes(family member left, over age limit, etc.)
- (3) Still eligible but could not/chose not to collect
- (4) Became ineligible because program requirements were not met (did not attend school, job training, etc.)
- (5) Eligibility ran out because of time limits
- (6) Other, specify

#### -OTHSWS21-

What reason was that?

#### -WYBEG21-

What set of circumstances led you to apply for [List of assistance] in [reference month 4]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Pregnancy/birth of child
- (3) Began receiving for another dependent (e.g. grandchild)
- (4) Separated or divorced from spouse/partner
- (5) Loss of job/wages/other income (own or partner's)
- (6) Loss of other support income
- (7) Just learned about the program
- (8) Just got around to applying
- (9) Became disabled
- (10) Other, specify

#### -PRBWB21-

THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.

#### -OTHSWB21-

What reason was that?

#### -WYSTOP22-

What set of circumstances caused you to stop receiving [List of assistance] in [reference month 3]?

- (1) Became ineligible because of increased income
- (2) Became ineligible because of family changes(family member left, over age limit, etc.)
- (3) Still eligible but could not/chose not to collect
- (4) Became ineligible because program requirements were not met (did not attend school, job training, etc.)
- (5) Eligibility ran out because of time limits
- (6) Other, specify

-OTH	ISWS22-			
	What reason was that?			

#### -WYBEG22-

What set of circumstances led you to apply for [List of assistance] in [reference month 3]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Pregnancy/birth of child
- (3) Began receiving for another dependent (e.g. grandchild)
- (4) Separated or divorced from spouse/partner
- (5) Loss of job/wages/other income (own or partner's)
- (6) Loss of other support income
- (7) Just learned about the program
- (8) Just got around to applying
- (9) Became disabled
- (10) Other, specify

#### -PRBWB22-

THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.

# -OTHSWB22-

What reason was that?

#### -WYSTOP23-

What set of circumstances caused you to stop receiving [List of assistance] in [reference month 2]?

- (1) Became ineligible because of increased income
- (2) Became ineligible because of family changes(family member left, over age limit, etc.)
- (3) Still eligible but could not/chose not to collect
- (4) Became ineligible because program requirements were not met (did not attend school, job training, etc.)
- (5) Eligibility ran out because of time limits
- (6) Other, specify

			IS		

What reason was that?

\_\_\_\_

#### -WYBEG23-

What set of circumstances led you to apply for [List of assistance] in [reference month 2]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Pregnancy/birth of child
- (3) Began receiving for another dependent (e.g. grandchild)
- (4) Separated or divorced from spouse/partner
- (5) Loss of job/wages/other income (own or partner's)
- (6) Loss of other support income
- (7) Just learned about the program
- (8) Just got around to applying
- (9) Became disabled
- (10) Other, specify

# -PRBWB23-

THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.

-OTHS	WB23-
	What reason was that?
-WYBE	EG220-
	What set of circumstances led you to apply for [List of assistance] in [reference month 1]? Anything else?
	MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON
	<ul> <li>(1) Needed the money</li> <li>(2) Pregnancy/birth of child</li> <li>(3) Began receiving for another dependent (e.g. grandchild)</li> </ul>
	<ul><li>(4) Separated or divorced from spouse/partner</li><li>(5) Loss of job/wages/other income (own or partner's)</li><li>(6) Loss of other support income</li></ul>
	<ul><li>(7) Just learned about the program</li><li>(8) Just got around to applying</li><li>(9) Became disabled</li></ul>
	(10) Other, specify
-PRWY	TB220-
	THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.
-OTSPV	W220-
	What reason was that?

# -WICPER-

Who does WIC cover in this household? ENTER LINE NUMBER OF PERSON COVERED ENTER (N) FOR NO ONE/NO MORE ENTER (A) FOR ALL

-FSM7	THYN-		
	Did vou	ı receive	F

Did you receive Food Stamps in [current month]?

- (1) Yes
- (2) No

In [reference month 4]?

In [reference month 3]?

In [reference month 2]?

In [reference month 1]?

# -FYSTOP21-

What set of circumstances caused you to stop receiving [List of assistance] in [reference month 4]?

- (1) Became ineligible because of increased income
- (2) Became ineligible because of family changes(family member left, over age limit, etc.)
- (3) Still eligible but could not/chose not to collect
- (4) Became ineligible because program requirements were not met (did not attend school, job training, etc.)
- (5) Eligibility ran out because of time limits
- (6) Other, specify

# -OTHSFS21-

What reason was that?

#### -FYBEG21-

What set of circumstances led you to apply for [List of assistance] in [reference month 4]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Pregnancy/birth of child
- (3) Began receiving for another dependent (e.g. grandchild)
- (4) Separated or divorced from spouse/partner
- (5) Loss of job/wages/other income (own or partner's)
- (6) Loss of other support income
- (7) Just learned about the program
- (8) Just got around to applying
- (9) Became disabled
- (10) Other, specify

#### -PRBFB21-

THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.

#### -OTHSFB21-

What reason was that?

#### -FYSTOP22-

What set of circumstances caused you to stop receiving [List of assistance] in [reference month 3]?

- (1) Became ineligible because of increased income
- (2) Became ineligible because of family changes(family member left, over age limit, etc.)
- (3) Still eligible but could not/chose not to collect
- (4) Became ineligible because program requirements were not met (did not attend school, job training, etc.)
- (5) Eligibility ran out because of time limits
- (6) Other, specify

-OTHS	FS22-
	What reason was that?
-FYBE	G22-
	What set of circumstances led you to apply for [List of assistance] in [reference month 3]? Anything else?
	MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE
	NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT
	ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON
	(1) Needed the money
	(2) Pregnancy/birth of child
	(3) Began receiving for another dependent (e.g. grandchild)
	(4) Separated or divorced from spouse/partner
	(5) Loss of job/wages/other income (own or partner's)
	(6) Loss of other support income
	(7) Just learned about the program
	(8) Just got around to applying
	(9) Became disabled
	(10) Other, specify
-PRBF	B22-
	THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY
	RESPONSE, YOU MUST PROBE FOR A SECOND REASON.
-OTHS	FB22-
	What reason was that?
	What reason was that?

#### -FYSTOP23-

What set of circumstances caused you to stop receiving [List of assistance] in [reference month 2]?

- (1) Became ineligible because of increased income
- (2) Became ineligible because of family changes(family member left, over age limit, etc.)
- (3) Still eligible but could not/chose not to collect
- (4) Became ineligible because program requirements were not met (did not attend school, job training, etc.)
- (5) Eligibility ran out because of time limits
- (6) Other, specify

			S		

What reason was that?

\_\_\_\_

#### -FYBEG23-

What set of circumstances led you to apply for [List of assistance] in [reference month 2]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE

NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT

ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Pregnancy/birth of child
- (3) Began receiving for another dependent (e.g. grandchild)
- (4) Separated or divorced from spouse/partner
- (5) Loss of job/wages/other income (own or partner's)
- (6) Loss of other support income
- (7) Just learned about the program
- (8) Just got around to applying
- (9) Became disabled
- (10) Other, specify

# -PRBFB23-

THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.

-OTHSFB	23-
Wł	nat reason was that?
-FYBEG2	20-
Wł els	nat set of circumstances led you to apply for [List of assistance] in [reference month 1]? Anything e?
NC	ARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE OTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT CCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON
(2) (3)	Needed the money Pregnancy/birth of child Began receiving for another dependent (e.g. grandchild) Separated or divorced from spouse/partner
(5) (6)	Loss of job/wages/other income (own or partner's) Loss of other support income Just learned about the program
(8) (9)	Just got around to applying  Became disabled  Other, specify
-PRFYB22	
	E FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY SPONSE, YOU MUST PROBE FOR A SECOND REASON.
-OTSPF22	20-
Wl	nat reason was that?

End of General Income Part 2-A Section

General Income, Part 2-B Section
-FSAMT15-
What was the amount of Food Stamps you received in:
ENTER (N) FOR NONE/NO MORE. ENTER (S) FOR SAME AS PREVIOUS AMOUNT
[reference month 4]
[reference month 3]
[reference month 2]
[reference month 1]
-BIGFS4-
NOTE TO FR THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.
(1) BACKUP AND CORRECT
(P) Proceed
-BIGFS3-
NOTE TO FR THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.
(1) BACKUP AND CORRECT (P) Proceed
-BIGFS2-
-DIOI 02-
NOTE TO FR THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

(1) BACKUP AND CORRECT

(P) Proceed

# -BIGFS1-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

- (1) BACKUP AND CORRECT
- (P) Proceed

# -FSPER-

Who does your Food Stamps cover? ENTER LINE NUMBER OF PERSON COVERED ENTER (N) FOR NO ONE/NO MORE. ENTER (A) FOR ALL

# -CSMTH-

Have you received any Child Support payments in [current month]?

- (1) Yes
- (2) No

In [reference month 4]?

In [reference month 3]?

In [reference month 2]?

In [reference month 1]?

-CSAMT15-
What was the amount of child support you received:
ENTER (N) FOR NONE/NO MORE. ENTER (S) FOR SAME AS PREVIOUS AMOUNT.
[reference month 4]?
[reference month 3]?
[reference month 2]?
[reference month 1]?
-BIGCS4-
NOTE TO FR THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.
(1) BACKUP AND CORRECT (P) Proceed
-BIGCS3-
NOTE TO FR THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.
(1) BACKUP AND CORRECT (P) Proceed
-BIGCS2-
NOTE TO FR THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.
(1) BACKUP AND CORRECT (P) Proceed

BIGCS1-
NOTE TO FR THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.
(1) BACKUP AND CORRECT (P) Proceed
MNTHYN-
Have you received any [List of assistance] in [current month]?
(1) Yes (2) No
In [reference month 4]?
In [reference month 3]?

# -MYSTOP21-

What set of circumstances caused you to stop receiving [List of assistance] in [reference month 4]?

- (1) Became ineligible because of increased income
- (2) Became ineligible because of family changes(family member left, over age limit, etc.)
- (3) Still eligible but could not/chose not to collect
- (4) Became ineligible because program requirements were not met (did not attend school, job training, etc.)
- (5) Eligibility ran out because of time limits
- (6) Other, specify

In [reference month 2]?

In [reference month 1]?

# -OTHSMS21-

What reason was that?

#### -MYBEG21L-

What set of circumstances led you to apply for [List of assistance] in [reference month 4]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE

NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT

ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Pregnancy/birth of child
- (3) Began receiving for another dependent (e.g. grandchild)
- (4) Separated or divorced from spouse/partner
- (5) Loss of job/wages/other income (own or partner's)
- (6) Loss of other support income
- (7) Just learned about the program
- (8) Just got around to applying
- (9) Became disabled
- (10) Other, specify

#### -PRBMYB21L-

THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.

# -MYBEG21S-

What set of circumstances led you to apply for [List of assistance] in [reference month 4]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Became disabled/blind
- (3) Over 65
- (4) Other, specify

-PRBMB21S-	
THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE	ONLY
RESPONSE, YOU MUST PROBE FOR A SECOND REASON.	

# -OTHSMB21-

What reason was that?

\_\_\_\_

# -MYSTOP22-

What set of circumstances caused you to stop receiving [List of assistance] in [reference month 3]?

- (1) Became ineligible because of increased income
- (2) Became ineligible because of family changes(family member left, over age limit, etc.)
- (3) Still eligible but could not/chose not to collect
- (4) Became ineligible because program requirements were not met (did not attend school, job training, etc.)
- (5) Eligibility ran out because of time limits
- (6) Other, specify

# -OTHSMS22-

What reason was that?

\_\_\_\_

#### -MYBEG22L-

What set of circumstances led you to apply for [List of assistance] in [reference month 3]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Pregnancy/birth of child
- (3) Began receiving for another dependent (e.g. grandchild)
- (4) Separated or divorced from spouse/partner
- (5) Loss of job/wages/other income (own or partner's)
- (6) Loss of other support income
- (7) Just learned about the program
- (8) Just got around to applying
- (9) Became disabled
- (10) Other, specify

#### -PRBMYB22L-

THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.

#### -MYBEG22S-

What set of circumstances led you to apply for [List of assistance] in [reference month 3]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Became disabled/blind
- (3) Over 65
- (4) Other, specify

-PRBMB22S-
THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.
-OTHSMB22-
What reason was that?
-MYSTOP23-
What set of circumstances caused you to stop receiving [List of assistance] in [reference month 2]
(1) Became ineligible because of increased income
<ul><li>(2) Became ineligible because of family changes(family member left, over age limit, etc.)</li><li>(3) Still eligible but could not/chose not to collect</li></ul>
(4) Became ineligible because program requirements were not met (did not attend school, job training, etc.)
(5) Eligibility ran out because of time limits
(6) Other, specify
-OTHSMS23-

What reason was that?

#### -MYBEG23L-

What set of circumstances led you to apply for [List of assistance] in [reference month 2]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Pregnancy/birth of child
- (3) Began receiving for another dependent (e.g. grandchild)
- (4) Separated or divorced from spouse/partner
- (5) Loss of job/wages/other income (own or partner's)
- (6) Loss of other support income
- (7) Just learned about the program
- (8) Just got around to applying
- (9) Became disabled
- (10) Other, specify

#### -PRBMYB23L-

THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.

#### -MYBEG23S-

What set of circumstances led you to apply for [List of assistance] in [reference month 2]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Became disabled/blind
- (3) Over 65
- (4) Other, specify

#### -PRBMB23S-

THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.

#### -OTHSMB23-

What reason was that?

-MYBEG220L-

What set of circumstances led you to apply for [List of assistance] in [reference month 1]? Anything else?

MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON

- (1) Needed the money
- (2) Pregnancy/birth of child
- (3) Began receiving for another dependent (e.g. grandchild)
- (4) Separated or divorced from spouse/partner
- (5) Loss of job/wages/other income (own or partner's)
- (6) Loss of other support income
- (7) Just learned about the program
- (8) Just got around to applying
- (9) Became disabled
- (10) Other, specify

# -PRMYB220L-

THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.

MYBEG220S-
What set of circumstances led you to apply for [List of assistance] in [reference month 1]? Anything else?
MARK ALL THAT APPLY; ENTER "N" AFTER LAST RESPONSE NOTE TO FR: THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON
<ul><li>(1) Needed the money</li><li>(2) Became disabled/blind</li><li>(3) Over 65</li><li>(4) Other, specify</li></ul>
PRMYB220S-
THE FIRST RESPONSE "NEEDED THE MONEY" IS NOT ACCEPTABLE AS THE ONLY RESPONSE, YOU MUST PROBE FOR A SECOND REASON.
OTSPM220-
What reason was that?
MNTHAMT15-
For each payment, please report the total amount. How much [List of assistance] did you receive?
ENTER (N) FOR NONE/NO MORE. ENTER (S) FOR SAME AS PREVIOUS AMOUNT.
[reference month 4]
[reference month 3]

[reference month 2] \_\_\_\_

[reference month 1] \_\_\_\_

# -BIGAMT4-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

- (1) BACKUP AND CORRECT
- (P) Proceed

#### -BIGAMT3-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

- (1) BACKUP AND CORRECT
- (P) Proceed

#### -BIGAMT2-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

- (1) BACKUP AND CORRECT
- (P) Proceed

# -BIGAMT1-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

- (1) BACKUP AND CORRECT
- (P) Proceed

# -ROLLOVR1-

Did you re-invest or "roll over" any of the money into an IRA or some other kind of retirement plan?

- (1) Yes
- (2) No

# -ROLLOVR2-

Do you plan to re-invest or "roll over" any of the money?

- (1) Yes
- (2) No

-ROLLAMT-
How much did you "roll over" into another RETIREMENT account?
ENTER (A) FOR ALL
-TMCOV-
Who did these [List of assistance] payments cover?
ENTER LINE NUMBER OF PERSON COVERED ENTER (N) FOR NO ONE/NO MORE. ENTER (A) FOR ALL
-KDMTHYN-
Were any [List of assistance] payments received for your children in [current month]?
(1) Yes (2) No
In [reference month 4]?
In [reference month 3]?
In [reference month 2]?
In [reference month 1]?
-KIDAMT15-
For each payment, please report the total amount. How much [List of assistance] was received:
ENTER (N) FOR NONE/NO MORE. ENTER (S) FOR SAME AS PREVIOUS AMOUNT.
[reference month 4]
[reference month 3]
[reference month 2]
[reference month 1]

# -BIGKAMT4-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

- (1) BACKUP AND CORRECT
- (P) Proceed

# -BIGKAMT3-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

- (1) BACKUP AND CORRECT
- (P) Proceed

#### -BIGKAMT2-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

- (1) BACKUP AND CORRECT
- (P) Proceed

# -BIGKAMT1-

NOTE TO FR ----- THE AMOUNT ENTERED - [amount received] IS UNUSUALLY LARGE.

- (1) BACKUP AND CORRECT
- (P) Proceed

# -SSKIDCOV-

Who did these [List of assistance] payments cover?

ENTER LINE NUMBER OF PERSON COVERED

ENTER (N) FOR NO ONE/NO MORE

ENTER (A) FOR ALL

# -GINCRECUSE-

# \*\* DO NOT READ TO RESPONDENT \*\*

Did respondent use any records when reporting the amount of income received from: [List of income sources]

- (1) Yes
- (2) No

End of General Income Part 2-B Section

Asset	ts, Part 1 Section	
-ASS	STINT-	
	These next questions are about assets that provide income.	
	PRESS "ENTER" TO CONTINUE	
-A2-		
	During our last visit, we recorded that you owned, either alone or jointly, the following assets: [List of assets reported from last interview]	
	PRESS "ENTER" TO CONTINUE	
-ASS	SET1-	
	During the period from [reference month 1] 1st through today, did you own, either alone or jointly, at the following: (SHOW FLASHCARD F) READ EACH CATEGORY. ASSETS IN REVERSE VIDEO INDICATE OWNED IN PREVIOUS WAVE.  (1) Yes (2) No (N) No Assets	ny of
	U.S. Government savings bonds, (E or EE)?	
	An IRA or Keogh account?	
	A 401K or thrift plan?	
	An interest earning checking account?	
	A savings account?	
	A money market deposit account?	
	A certificate of deposit (CD)?	
	Mutual funds?	
	Stocks?	
	Municipal or corporate bonds?	
	U.S. Government securities?	
	Mortgages from which payments are received?	
	Rental property?	
	Royalties?	
	Any other investments not already mentioned?	
-OTE	HFIN-	
	Enter the "other financial investment"	

# -ASETDRAW-

Have you received any lump sum or regular distribution payments from your [List of assets] since [reference month 1] 1ST?

- (1) Lump Sum
- (2) Regular Distributions
- (3) Both
- (4) No, no payments received

End of Assets Part 1 Section

<u>Assets</u>	, Part 2 Section
-ASST	INTRO1-
	Now I am going to ask about any interest earned from assets from [reference month 1] 1st to the end of [reference month 4].
	PRESS "ENTER" TO CONTINUE
-JT-	
	Did you own your [Name of asset] jointly with your spouse?
	(1) Yes (2) No
-JTINT	Γ-
	(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
	What is the total amount of interest earned on this/these jointly held [List of assets].
	ENTER (A) FOR ALTERNATIVE ANNUAL REPORTING ENTER (N) FOR NONE/NO MORE
	Total: \$
-AJTIN	NT-
	ENTER THE INTEREST AMOUNT EARNED PER YEAR
	\$
-JTAN	<u></u>

What is the average amount that you and your spouse had in this/these jointly held [List of assets]?

-JCAT1	В-
I	FR NOTE: ASSET IS [Name of asset]. Is it:
(	(1) Less than \$500
(	(2) \$500 to \$1,000
(	(3) \$1,001 to \$5,000
(	(4) More than \$5,000
-JCAT2	B-
I	FR NOTE: ASSET IS [Name of asset]. Is it:
(	(1) Less than \$1,000
(	2) \$1,000 to \$5,000
(	(3) \$5,001 to \$10,000
(	(4) More than \$10,000
-OAST-	
Ι	Besides any [List of assets] owned jointly with your spouse, did you have any in your own name?
(	(1) Yes
	2) No
-OINT-	
(	REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
	What is the total amount of interest you earned on your [List of assets]?
	ENTER (A) FOR ALTERNATIVE ANNUAL REPORTING
I	ENTER (N) FOR NONE/NO MORE
7	Γotal: \$

-AOINT-
ENTER THE INTEREST AMOUNT EARNED PER YEAR
\$
-OAMT-
What is the average amount that you had in this/these [List of assets]?
\$
-OCAT1B-
FR NOTE: ASSET IS [Name of asset]. Is it:
(1) Less than \$500
(2) \$500 to \$1,000
(3) \$1,001 to \$5,000
(4) More than \$5,000
-OCAT2B-
FR NOTE: ASSET IS [Name of asset]. Is it:
(1) Less than \$1000
(2) \$1,000 to \$5,000
(3) \$5,001 to \$10,000
(4) More than \$10,000
-CBINT-
If I were to call back later would you be able to provide me with the INTEREST amount earned from
[List of assets]
(1) Yes
(2) No

-ANYCHK-
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
Earlier you told me you owned [Name of asset]. Did you receive any dividend checks?
(1) Yes (2) No
-JTDIV-
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
How much was received in dividend checks made out jointly to you and your spouse?
ENTER (A) FOR ALTERNATIVE ANNUAL REPORTING ENTER (N) FOR NONE/NO MORE
Total: \$
-AJTDIV-
ENTER THE DIVIDEND AMOUNT EARNED PER YEAR
\$
-ODIV-
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
How much did you receive in dividend checks in your name only?
ENTER (A) FOR ALTERNATIVE ANNUAL REPORTING ENTER (N) FOR NONE/NO MORE
Total: \$

-AODIV-	
ENTER THE DIVIDEND AMOUNT EARNED PER YEAR	
-OTHDIV-	
Did you earn any dividends that were credited against a margin account or automatically reinv	ested:
(1) Yes (2) No	
-JAMTDV-	
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]	
How much of these kinds of dividends did you earn jointly with your spouse?	
ENTER (A) FOR ALTERNATIVE ANNUAL REPORTING ENTER (N) FOR NONE/NO MORE	
Total: \$	
-AJAMTDV-	
ENTER THE DIVIDEND AMOUNT EARNED PER YEAR	
\$	
-OAMTDV-	
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]	
How much of these kinds of dividends did you earn in your name only?	
ENTER (A) FOR ALTERNATIVE ANNUAL REPORTING ENTER (N) FOR NONE/NO MORE	
Total: \$	

-AOAMTDV-
ENTER THE DIVIDEND AMOUNT EARNED PER YEAR
\$
-CBDIV-
If I were to call back later would you be able to provide me with the DIVIDEND amount earned from [List of assets]
(1) Yes (2) No
-JNTRNT-
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
Earlier you told me that you owned some rental property. Did you receive any rental income from property owned jointly by you and your spouse?
(1) Yes (2) No
-JARNT-
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
How much was received in gross rent from this property?
ENTER (N) FOR NONE/NO MORE
Total: \$

-JACLR-
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
What was your net income or loss after expenses? (ENTER LOSS AS A NEGATIVE AMOUNT)
ENTER (N) FOR NONE/NO MORE
Total: \$
-OWNRNT-
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
Did you receive rental income from property owned entirely in your own name?
(1) Yes (2) No
-OARNT-
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
How much was received in gross rent from all properties?
ENTER (N) FOR NONE/NO MORE
Total: \$
-OACLR-
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
What was your net income or loss after expenses?
(ENTER LOSS AS A NEGATIVE AMOUNT)
ENTER (N) FOR NONE/NO MORE

-JRNT2-
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
Did you receive any rental income from property owned jointly with others?
(1) Yes (2) No
-JACLR2-
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
What was your share of the net income or loss after expenses on this property? (ENTER LOSS AS A NEGATIVE AMOUNT)
ENTER (N) FOR NONE/NO MORE
Total: \$
-MRTJNT-
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
Earlier you said you held a mortgage. Did you own this jointly with your spouse?
(1) Yes (2) No
-MIJNT-
(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
How much interest was paid to you and your spouse by the borrower?
ENTER (N) FOR NONE/NO MORE
Total: \$

-MRTO	OWN-
-	Did you hold any mortgages in your own name?
	(1) Yes (2) No
-MIOW	'N-
(	(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
	How much interest was paid to you by the borrower?
	ENTER (N) FOR NONE/NO MORE
,	Total: \$
-RNDU	P1-
(	(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
	Earlier you said you had income from royalties. How much did you receive from these royalties? It income is shared, count only your share.
]	ENTER (N) FOR NONE/NO MORE
,	Total: \$
-RNDU	TP2-
	(REFERENCE PERIOD = [reference month 1] 1ST TO THE END OF [reference month 4]
	Earlier you said that you had this/these investment(s): [List of assets]
-	How much did you receive from this/these investment(s)? If income shared, count only your share. (ENTER LOSS AS A NEGATIVE AMOUNT)
	ENTER (N) FOR NONE/NO MORE
,	Total: \$

# -ASTRECUSE-

### \*\* DO NOT READ TO RESPONDENT \*\*

Did respondent use any records to answer any Asset questions?

- (1) Yes
- (2) No

End of Assets Part 2 Section

Health	Insurance	Section
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#### -HLTHINT-

Now I'm going to ask you about health insurance.

#### PRESS "ENTER" TO CONTINUE

#### -MCARE-

#### (SHOW FLASHCARD H)

At any time between [reference month 1] 1st and today were you covered by Medicare?

- (1) Yes
- (2) No

#### -CARETHEN-

In which months were you covered by Medicare?

- (1) Yes
- (2) No

In this month?

In [reference month 4]?

In [reference month 3]?

In [reference month 2]?

In [reference month 1]?

#### -MCNUMB-

May I see your Medicare card to record the claim number and type of coverage?

FLASHCARD H PROVIDES EXAMPLES OF MEDICARE CARDS WHICH IS TO BE SHOWN TO THE RESPONDENT.

- (N) Card Not Available
- (A) Railroad Retirement Card (FR: DO NOT RECORD NUMBER)

-MCBACK-
If I were to call later would you be able to provide me with your Medicare number?
(1) Yes
(2) No
-CAIDNOW-
At any time between [reference month 1] 1st and the end of [reference month 4] were you covered by Medicaid?
(1) Yes (2) No
-CAIDOTH-
At any time between [reference month 1] 1st and the end of [reference month 4] were you covered by any other public assistance program that pays for medical care?
(1) Yes (2) No
-CAIDNM-
May I see your [Name of card] card to verify the name of the medical program?
NAMES OF CHILDREN COVERED MAY BE LISTED ON THE CARD OF THE PRIMARY RECIPIENT.
(N) Card Not Available
(1) Verified to be a [name of card] card
-KIDCOV-
How about your children Were ***READ NAME(S) LISTED BELOW*** covered by Medicaid of some other public assistance medical program at any time between [reference month 1] 1st and today

(1) Yes

(2) No

#### -CAIDKIDS-

PARENT IS: [Parent's name]

Which children were covered by Medicaid?

ENTER "N" FOR NO MORE

#### -CDMNTH-

In which months were your children covered by Medicaid or some other public assistance program?

#### READ EACH ANSWER CATEGORY

- (1) Yes
- (2) No

In [current month]?

In [reference month 4]?

In [reference month 3]?

In [reference month 2]?

In [reference month 1]?

#### -HIVER-

Earlier I recorded that for some, or all, of the time from [reference month 1] 1st through today you were covered by a health insurance plan held in the name of [Name of policyholder]. Is that correct?

- (1) Yes
- (2) No

-H4MNTH-	-H4	M	N	ГН-
----------	-----	---	---	-----

Are you covered by any other health insurance?--READ EACH ANSWER CATEGORY

- (1) Yes (2) No
- (N) NONE OF THESE MONTHS

In this month?

Were you covered--in [reference month 4]?

In [reference month 3]?

In [reference month 2]?

In [reference month 1]?

#### -CBHINS-

If I were to call back later would it be possible for me to get this information?

- (1) Yes
- (2) No

#### -HIOWN-

During any time from [reference month 1] 1st through today, did you also have health insurance in your own name?

- (1) Yes
- (2) No

#### -HIOWNER-

Is your health insurance coverage in your own name or are you covered as a family member on someone else's plan?

- (1) Plan in own name
- (2) Covered by someone else's plan
- (3) Both

#### -HIHOLDR-

Who had the health insurance plan that covered you?

#### ENTER THE LINE NUMBER OF THE PERSON

(N) No one currently living here

#### -HEMPLY-

Was the health insurance obtained through--

#### **READ ANSWER CATEGORIES**

- (1) Current employer or work
- (2) Former employer
- (3) Union
- (4) CHAMPUS
- (5) CHAMPVA
- (6) Military/VA health care
- (7) Privately purchased
- (8) Or in some other way

#### -HICOST-

Does [Answer from HEMPLY] pay all, part, or none of the premium of the plan?

- (1) All
- (2) Part
- (3) None

#### -HIPERS-

Other than you, who else was covered by this plan? (ENTER LINE NUMBERS OF PERSONS COVERED) ENTER "N" AFTER LAST LINE NUMBER IS ENTERED.

- (A) All household members
- (N) No one in the household/No more

#### -HIOTHR-

During the period from [reference month 1] 1st through the end of [reference month 4], did this plan also cover anyone who did NOT live in this household?

- (1) Yes
- (2) No

#### -HIWHO-

Who, OUTSIDE this household, did the plan cover?

ENTER "1" FOR EACH YES THAT APPLIES. ENTER "2" FOR EACH NO THAT APPLIES.

Spouse/Partner Children 18 years of age or older Children under 18 years old Others

#### -H1KDCOV-

Was your child covered by a health insurance plan at any time between [reference month 1] 1st and today?

- (1) Yes
- (2) No

#### -H2KDCOV-

Which children if any were covered by a health insurance plan at anytime between [reference month 1] 1st and today?

READ LIST OF CHILDREN'S NAMES DISPLAYED ENTER APPROPRIATE LINE NUMBER OF EACH CHILD COVERED. ENTER "N" FOR NONE OF THESE CHILDREN/NO MORE.

#### -HI1OUT-

Was your child covered by the health insurance plan of someone who does NOT currently live in the household?

- (1) Yes
- (2) No

#### -HI2OUT-

Which children if any were covered by the health insurance plan of someone who does NOT currently live in the household?

READ LIST OF CHILDREN'S NAMES DISPLAYED ENTER APPROPRIATE LINE NUMBER OF EACH CHILD COVERED BY SOMEONE OUTSIDE. ENTER "N" FOR NONE OF THESE CHILDREN/NO MORE.

#### -HINONE-

I recorded that you were NOT covered by any health insurance plan during the months of [Reference period months]

Which ONE OR MORE of these reasons describe why you were not covered? (SHOW FLASHCARD I.) ENTER "N" AFTER LAST ENTRY

- (1) Too expensive, can't afford health insurance
- (2) No health insurance offered by (employer of self, spouse, or parent)
- (3) Not working at a job long enough to qualify
- (4) Job layoff, job loss, or any reason related to unemployment
- (5) Not eligible because working part time or temporary job
- (6) Can't obtain insurance because of poor health, illness, age, or a pre-existing condition
- (7) Dissatisfied with previous insurance OR don't believe in insurance
- (8) Have been healthy, not much sickness in the family, haven't needed health insurance
- (9) Able to go to VA or military hospital for medical care
- (10) Covered by some other health plan, such as Medicaid
- (11) No longer covered by parents policy
- (12) Other

	L	H	CI	DI	$\Box$	$\sim$
-	L	ш	S)		ייב	U-

Specify the exact "OTHER" reason not covered by health insurance.

\_\_\_\_

End of Health Insurance Section

-MTHRNT-  Excluding any rent subsidies, how much do you pay in monthly rent?  (N) None  \$  -MTHRNTCK-  FR NOTE:LAST WAVE, RENT REPORTED WAS \$[rent reported from last interview].  (DO NOT PROVIDE AMOUNT UNLESS RESPONDENT ASKS.)  This is substantially different from the amount I recorded last time. Has there been a change in the monthly rent since last time?  (1) Yes (2) No  -UTILYNCK2-  Last time I recorded you paid for utilities such as water, electricity, gas, or oil. Do you still pay for any utilities (EXCLUDE TELEPHONE)?  (1) Yes (2) No  -UTILYN-	Programs Section	_
(N) None  \$  -MTHRNTCK-  FR NOTE:LAST WAVE, RENT REPORTED WAS \$[rent reported from last interview].  (DO NOT PROVIDE AMOUNT UNLESS RESPONDENT ASKS.)  This is substantially different from the amount I recorded last time. Has there been a change in the monthly rent since last time?  (1) Yes (2) No  -UTILYNCK2-  Last time I recorded you paid for utilities such as water, electricity, gas, or oil. Do you still pay for any utilities (EXCLUDE TELEPHONE)?  (1) Yes (2) No	-MTHRNT-	-
-MTHRNTCK-  FR NOTE:LAST WAVE, RENT REPORTED WAS \$[rent reported from last interview]. (DO NOT PROVIDE AMOUNT UNLESS RESPONDENT ASKS.)  This is substantially different from the amount I recorded last time. Has there been a change in the monthly rent since last time?  (1) Yes (2) No  -UTILYNCK2-  Last time I recorded you paid for utilities such as water, electricity, gas, or oil. Do you still pay for any utilities (EXCLUDE TELEPHONE)?  (1) Yes (2) No	Excluding any rent subsidies, how much do you pay in monthly rent?	
-MTHRNTCK-  FR NOTE:LAST WAVE, RENT REPORTED WAS \$[rent reported from last interview]. (DO NOT PROVIDE AMOUNT UNLESS RESPONDENT ASKS.)  This is substantially different from the amount I recorded last time. Has there been a change in the monthly rent since last time?  (1) Yes (2) No  -UTILYNCK2-  Last time I recorded you paid for utilities such as water, electricity, gas, or oil. Do you still pay for any utilities (EXCLUDE TELEPHONE)?  (1) Yes (2) No	(N) None	
FR NOTE:LAST WAVE, RENT REPORTED WAS \$[rent reported from last interview]. (DO NOT PROVIDE AMOUNT UNLESS RESPONDENT ASKS.)  This is substantially different from the amount I recorded last time. Has there been a change in the monthly rent since last time?  (1) Yes (2) No  -UTILYNCK2-  Last time I recorded you paid for utilities such as water, electricity, gas, or oil. Do you still pay for any utilities (EXCLUDE TELEPHONE)?  (1) Yes (2) No	\$	
(DO NOT PROVIDE AMOUNT UNLESS RESPONDENT ASKS.)  This is substantially different from the amount I recorded last time. Has there been a change in the monthly rent since last time?  (1) Yes (2) No  -UTILYNCK2-  Last time I recorded you paid for utilities such as water, electricity, gas, or oil. Do you still pay for any utilities (EXCLUDE TELEPHONE)?  (1) Yes (2) No	-MTHRNTCK-	-
monthly rent since last time?  (1) Yes (2) No  -UTILYNCK2-  Last time I recorded you paid for utilities such as water, electricity, gas, or oil. Do you still pay for any utilities (EXCLUDE TELEPHONE)?  (1) Yes (2) No	•	
-UTILYNCK2-  Last time I recorded you paid for utilities such as water, electricity, gas, or oil. Do you still pay for any utilities (EXCLUDE TELEPHONE)?  (1) Yes (2) No	· · · · · · · · · · · · · · · · · · ·	
Last time I recorded you paid for utilities such as water, electricity, gas, or oil. Do you still pay for any utilities (EXCLUDE TELEPHONE)?  (1) Yes (2) No		
utilities (EXCLUDE TELEPHONE)?  (1) Yes (2) No	-UTILYNCK2-	-
(2) No		any
-UTILYN-		
	-UTILYN-	-
Does anyone not living here pay for any utilities such as water, electricity, gas, or oil? Exclude telephone.		
(1) Yes (2) No		

#### -EGYASSYNCK2-

Last time I recorded this household was receiving energy assistance. Did you receive any energy assistance from [reference month 1] first to the end of [reference month 4]?

- (1) Yes
- (2) No

#### -EGYASSYN-

Has this household received any energy assistance from the Federal, state, or local government from [reference month 1] 1st to the end of [reference month 4]?

- (1) Yes
- (2) No

#### -EGYPAYMT-

Was this assistance received in the form of -

- (1) Checks sent to household
- (2) Coupons or vouchers sent to household
- (3) Payments sent directly to utility company, fuel dealer, or landlord

(MARK ALL THAT APPLY. ENTER "N" AFTER LAST ENTRY.)

#### -EGYAMT-

What was the total amount of the energy assistance received by this household from [reference month 1] first to the end of [reference month 4]?

#### -HOTLUNYN-

From [reference month 1] 1st to the end of [reference month 4], did your children usually get a lunch offered at school?

- (1) Yes
- (2) No

#### -WHOHOTLN-

From [reference month 1] first to the end of [reference month 4], which children usually got a lunch at school?

ENTER THE LINE NUMBER OF CHILDREN WHO GOT A LUNCH AT SCHOOL. ENTER (N) AFTER ENTERING LAST LINE NUMBER.

#### -FREELNYN-

(REFERENCE PERIOD = [reference month 1] first to the end of [reference month 4]

Were any of the lunches free or reduced price because these children qualified for the National School Lunch Program?

- (1) Yes
- (2) No

#### -FREREDLN-

(REFERENCE PERIOD = [reference month 1] first to the end of [reference month 4]

Were they free or reduced price?

- (1) Free lunch
- (2) Reduced-price lunch

#### -BRKFSTYN-

From [reference month 1] 1st to the end of [reference month 4] did your children usually get breakfast at school under the National School Breakfast Program?

- (1) Yes
- (2) No

#### -WHOBRK-

Which children usually got breakfast at school?

ENTER LINE NUMBER OF CHILDREN WHO GOT BREAKFAST AT SCHOOL. ENTER (N) AFTER ENTERING LAST LINE NUMBER

### -FREEBRK-

(REFERENCE PERIOD = [reference month 1] first to the end of [reference month 4]

Were any of the breakfasts free or reduced-price?

- (1) Yes
- (2) No

#### -FREREDBK-

(REFERENCE PERIOD = [reference month 1] first to the end of [reference month 4]

Were they free or reduced price?

- (1) Free breakfast
- (2) Reduced-price breakfast

**End of Programs Section** 

#### **Education Section**

#### -ENROLL-

Last time, I recorded that you were enrolled during the period from [previous wave reference period]. Were you enrolled in school, either full time or part time, during any of the months from [reference month1] 1st to the end of [reference month 4]?

- (1) Yes
- (2) No

#### **READ IF NECESSARY:**

Include any regular school, such as elementary, high school, or college, or any vocational, technical, or business school beyond high school.

#### -FULLPART-

Were you enrolled full-time or part-time?

- (1) Full-time
- (2) Part-time

#### -NEWENRL-

Were you enrolled in school, either full-time or part-time, during any of the months [reference month 1] through [reference month 4]?

- (1) Yes
- (2) No

#### **READ IF NECESSARY:**

Include any regular school, such as elementary, high school, or college, or any vocational, technical, or business school beyond high school.

-NEWFULL-	
-	enrolled in school, either full time or part time, during any of the months [reference month 1] eference month 4?
(1) Yes (2) No	
Were you	enrolled full-time or part-time?
(1) Full-tii (2) Part-tii	
-MNTHENRL-	
In which r	months were you enrolled in school?
Were you	enrolled in:
(1) Yes (2) No	
[reference [reference	month 1] month 2] month 3] month 4]
-OLDLVL-	
	I recorded that you were enrolled in [school or grade level]. enrolled at that level during the period of [reference month 1] to [reference month 4]?
(1) Yes (2) No	

#### -NEWLVL-

At what level or grade were you enrolled? ("College year" indicates the level according to academic standing, not the number of years enrolled in college.)

- (1) Elementary grades 1-8
- (2) High School grades 9-12
- (3) College year 1 (Freshman)
- (4) College year 2 (Sophomore)
- (5) College year 3 (Junior)
- (6) College year 4 (Senior)
- (7) College year 5 (First year graduate or professional school)
- (8) College year 6+ (Second year or higher in graduate or professional school)
- (9) Vocational, technical, or business school beyond high school level
- (10) Enrolled in college, but not working towards degree

#### -EDCHCK1-

You said that you were ENROLLED in [school or grade level]

Earlier I recorded that the highest grade or level you COMPLETED was [education level from demographics]

Are both of these statements correct?

- (1) Yes, both statements are correct
- (2) Only COMPLETED statement is correct, ENROLLED statement should be changed
- (3) Only ENROLLED statement is correct, COMPLETED statement should be changed
- (4) Both the COMPLETED statement and the ENROLLED statement should be changed

#### -FXENRL-

At what level or grade were you enrolled? ("College year" indicates the level according to academic standing, not the number of years enrolled in college.)

- (1) Elementary grades 1-8
- (2) High School grades 9-12
- (3) College year 1 (Freshman)
- (4) College year 2 (Sophomore)
- (5) College year 3 (Junior)
- (6) College year 4 (Senior)
- (7) College year 5 (First year graduate or professional school)
- (8) College year 6+ (Second year or higher in graduate or professional school)
- (9) Vocational, technical, or business school beyond high school level
- (10) Enrolled in college, but not working towards degree

#### -FXEDUC-

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 GRADUATE high school DIPLOMA or equivalent (For example: GED)
- (40) Some college but no degree
- (41) Diploma or certificate from a vocational,technical, trade or business school beyond the High School level
- (42) Associate degree in college Occupational/vocational program
- (43) Associate degree in college Academic program
- (44) Bachelors degree (For example: BA, AB, BS)
- (45) Master's degree (For example:MA, MS, MEng, MEd, MSW, MBA)
- (46) Professional School Degree (For example: MD,DDS,DVM,LLB,JD)
- (47) Doctorate degree (For example: PhD, EdD)

#### -EDCHCK2-

Were you enrolled in a program working towards a degree?

- (1) Yes
- (2) No

#### -EDFUND-

Last time, I recorded that you paid tuition during the period [previous wave reference period].

Were any of your educational expenses during the period [reference month 1] 1st through the end of [reference month 4] paid for by any type of educational assistance or financial aid?

READ IF NECESSARY: Include financial assistance such as loans, grants, scholarships, employer assistance, veterans benefits, or any other type of financial aid?

- (1) Yes
- (2) No

#### -NEWFUND-

Were any of your educational expenses during the period [reference month 1] 1st through the end of [reference month 4] paid for by any type of educational assistance or financial aid such as loans, grants, scholarships, employer assistance, veterans benefits, or any other type of financial aid?

- (1) Yes
- (2) No

#### -EDASST-

Last time, I recorded that you received:

[List of educational assistance]

During the period from [reference period from previous wave], did you still receive all of these types of aid OR did they change?

- (1) Yes, SAME types
- (2) No, CHANGE types

#### -NEWASST-

What kind of educational assistance did you receive during the period from [reference month 1] 1st to the end of [reference month 4]? Anything else?

#### (SHOW FLASHCARD J. ENTER ALL THAT APPLY. ENTER N AFTER LAST ENTRY.)

- (1) Federal PELL Grant
- (2) Assistance from the Department of Veteran's Affairs (VA) such as GI or Montgomery Bill, Survivors and Dependents, other Veterans' Administration Educational Assistance Programs.
- (3) College (or Federal) Work Study Program
- (4) Any other Federal grant or program; for example, SEOG, Health or Nursing Grant, ROTC, NSF Grant
- (5) A loan that has to be repaid, for example, Stafford, Perkins, or SLS
- (6) A grant, scholarship, or tuition remission from the school attended
- (7) A teaching or research assistantship from the school attended
- (8) A grant or scholarship from the state, such as SSIGP, Douglas Scholarships
- (9) A grant or scholarship from some other source, such as a foundation, corporation, or community group, National Merit Scholarship, etc.
- (10) Assistance provided by your employer
- (11) Aid from some other source (EXCLUDE all direct aid from parents, including trusts or college savings funds)

End of Education Section

#### **Instrument Back Section**

#### -FIN-

This case is not completed.

# PRESS F1 TO RETURN TO THE PREVIOUS SCREEN OR

ENTER (X) TO EXIT THE INTERVIEW

#### -HHRECAP 2-

During our last visit, we recorded the following information:

NAME ON ADVANCE LETTER: [Name of reference person from last interview]

BEST TIME TO CALL: [Time listed from last interview]

TELEPHONE NUMBER: [Telephone number from previous interview]

Is this information still correct?

- (1) Yes
- (2) No

#### -HHRECAP\_3-

FR INSTRUCTION: Enter the corrected information, or (S) for SAME if correct

Let me ask you: to whom should we mail our next advance letter?

#### NAME ON ADVANCE LETTER

Current listing: [or new name given]

FR: What is the best time to call you? Current listing: [or BEST time given]

FR: What is your telephone number? Current listing: [or new number given]

-CPRECAP1-
During our last visit, we recorded the following information about persons to contact if we couldn't react you. You told us to contact:
CONTACT PERSON #1 NAME/ADDRESS:
CONTACT PERSON TELEPHONE #: [Contact person's phone number] EXT:
CONTACT PERSON #2 NAME/ADDRESS:
CONTACT PERSON TELEPHONE #: [Contact person's phone number] EXT:
<ul><li>(1) Change information for Contact Person #1</li><li>(2) Change information for Contact Person #2</li><li>(P) PROCEED - All information correct</li></ul>
-CPR1-
Enter name and address or (S) for SAME, if no change needed
Current name: Relationship (Please indicate to whom this person is related): Current address: Current telephone: [Contact person's phone number] extension:
-CPR2-
Enter name and address or (S) for SAME, if no change needed
Current name: Relationship (Please indicate to whom this person is related): Current address: Current telephone: [Contact person's phone number] extension:
Carrent deephone. [Contact person s phone number] extension.

-TELHHD-
Since households included in this survey are interviewed again in 4 months, we may attempt to conduct the followup interview by telephone.
Is there a telephone in this house/apartment?
(1) Yes (2) No
-TELAVL-
Is there a telephone elsewhere on which people in this household can be contacted?
(1) Yes (2) No
-TELWHR-
Where is this phone located?
-TELPHN-
What is the telephone number of the phone where you would like to be called?
Area Code: New Number:
EXT: IF NO EXTENSION, PRESS ENTER
IS THIS A HOME OR OFFICE NUMBER?
<ul><li>(1) Home</li><li>(2) Office</li></ul>

-PHONEO-	
Is a telephone interview acceptable?	
(1) Yes	
(2) No	
(3) No phone available	
-BESTTIM-	
When is the best time to contact you?	
-CPNAME1-	
Please, give me the name, address, and telephone number of a close relative or friend who would kn how to reach you if we are unable to contact you.	ıow
Please, begin with that person's first name.	
(0) NO CONTACT PERSON INFORMATION AVAILABLE	
FIRST NAME:	
MIDDLE NAME:	
LAST NAME:	
-CPRELAT1-	
What is that person's relationship to you?	

-CPADDRS	51-
Wha	at is that person's address?
STR	EET ADDRESS:
STR	EET ADDRESS:
CIT	Y:
STA	TE: (H) HELP
ZIP	CODE:
-CPPHONE	11-
Wha	at is that person's telephone number?
(N) I	NO TELEPHONE NUMBER AVAILABLE
Area	Code: New Number:
EXT	: IF NO EXTENSION, PRESS ENTER
-MORECP1	
Is the	ere another person who would know how to reach you?
(1) \( (2) \) I	
-CPNAME2	2-
	se, give me the name, address, and telephone number of a close relative or friend who would know to reach you if we are unable to contact you.
Pleas	se, begin with that person's first name.
MID	ST NAME: DDLE NAME: T NAME:

-CPRELAT2-
What is that person's relationship to you?
-CPADDRS2-
What is that person's address?
STREET ADDRESS:
STREET ADDRESS:
CITY:
STATE: (H) HELP
ZIP CODE:
-CPPHONE2-
What is that person's telephone number?
(N) NO TELEPHONE NUMBER AVAILABLE
Area Code: New Number:
EXT: IF NO EXTENSION, PRESS ENTER
-LTRADDR-
***ENTER THE NAME OF THE PERSON IN THIS HOUSEHOLD TO WHOM CORRESPONDENCE SHOULD BE SENT***
***ASK IF NOT APPARENT***
IF FULL NAME IS THE SAME AS THE REFERENCE PERSON, ENTER (S) IN FIRST NAME.
FIRST NAME: MIDDLE NAME: LAST NAME:

#### -INCENTV2-

#### MARK WITHOUT ASKING:

AT THE BEGINNING OF THE INTERVIEW YOU DID NOT GIVE THE RESPONDENT A DEBIT CARD. HAS THE RESPONDENT NOW ACCEPTED THE DEBIT CARD?

- (1) Yes
- (2) No

#### -INCENUM2-

FR: Enter 4-digit cash card number from the debit card.

ENTER "9999" FOR "Don't Know"

#### -RECVINC-

How did you feel about receiving an incentive to participate in this survey?

(N) No (more) notes needed

#### -TRANS-

ARE YOU READY TO TRANSMIT THIS CASE?

- (1) Yes
- (2) No

#### -NOWTYPEA-

\*\* DO NOT READ TO RESPONDENT\*\*

THIS IS NOW A TYPE A-

FR NOTE: Please be sure to complete a Type A and D Information Sheet for this case.

PRESS ENTER TO CONTINUE

-WHYTYPZ6-
No survey data was collected for you. Enter the reason that best describes why your survey data was not collected.
<ol> <li>(1) Person was ill or in the hospital</li> <li>(2) Person was temporarily away from home</li> <li>(3) Refused</li> </ol>
(4) Other (specify)
-WHYSP6-
Enter other reason survey data was not collected.
-NONSMPL-
COMING SOON
PRESS ENTER TO CONTINUE
-APPT-
I'd like to schedule an appointment visit to finish the interview. What DATE AND TIME would be bes to contact you again to?
PROBE: May I contact you later today? TODAY IS:
-THANKCB-
Thank you for your help. I will contact you at the time suggested.
REVISIT DATE:
PRESS ENTER TO CONTINUE

-THA	NKYOU-
	FR NOTE: THIS CASE IS DESIGNATED FOR INTERVIEWING NEXT WAVE.
	Thank you for your cooperation.
	PRESS ENTER TO END INTERVIEW
-VISI	TCNT-
	QUESTION TO THE FR: How many times have you attempted personal contact with this household (and actually visited the address)?
	How many times have you attempted to contact this household by telephone?
-MOI	DECOLL-
	FR CHECK ITEM: Was the majority of this interview done by personal interview, or by telephone interview?
	<ol> <li>Personal interview</li> <li>Telephone interview</li> </ol>
-SPA	N1-
	FR CHECK ITEM: Did you conduct any of this household's interview in Spanish?
	<ul><li>(1) Yes</li><li>(2) No</li></ul>
-SPA	N2-
	FR CHECK ITEM: Did you use the Spanish translation in the instrument (available by pressing Shift-F5) during the interview?
	<ul><li>(1) Yes</li><li>(2) No</li></ul>

-SPAN3-
FR CHECK ITEM: Why did you choose not to use the Spanish translation in the instrument?
-INOTES_1-
Enter brief notes about this case that could help with the next interview.
OLD NOTE:
<ul><li>(N) Nothing unusual; no (more) notes needed</li><li>(S) KEEP THE OLD NOTE</li></ul>
-INOTES_2-
Previous notes about this case are:

Do you want to REPLACE them with new notes about this case?

End of Instrument Back Section

(2) No, let them stand

(1) Yes, I want to REPLACE THEM



U.S. Department of Commerce

BUREAU OF THE CENSUS

# Survey of Income and Program Participation

Field Representative's Flashcard and Information Booklet

# Cut along broken lines

## **FLASHCARD INDEX**

Flashcard Index

**Booklet Instructions** 

- A Relationship to Reference Person
- **B** Educational Attainment
- C Race
- **D** Origin
- **E** Calendar of Reference Months
- F Assets Owned
- **G** Colors of the Envelopes from the Social Security Administration
- **H** Sample Medicare Cards
  - I Reason Not Covered by Health Insurance
- J Educational Assistance

Respondent Rules

Household Member Summary Table

**Privacy Act Statement** 

Talking Points for Field Representatives

**Uses of SIPP** 

**Elderly Respondents** 

Poor Respondents

Wealthy Respondents

Middle Income Respondents

# **BOOKLET INSTRUCTIONS**

- 1. Cards E are reference calendars. You will use a different Card E for each month you interview. Keep only the current month reference calendar in your booklet, and place remaining calendars for future interview months with your other supplies. Discard calendars for previous interview months.
- 2. During the interview, you may find it easier to handle the flashcards if you remove them from the binder.

.\_\_\_\_\_(Cut along broken lines)

#### CARD A

#### RELATIONSHIP TO REFERENCE PERSON

- 20 Spouse (Husband or Wife)
- 21 Unmarried Partner
- **22 Child**
- 23 Grandchild
- 24 Parent (Mother or Father)
- 25 Brother or Sister
- 26 Other Relative of Reference Person (Uncle, Cousin, Mother-In-Law, Father-In-Law, etc.)
- 27 Foster Child
- 28 Housemate/Roommate
- 29 Roomer/Boarder
- 30 Other Non-Relative of Reference Person

# В

# **CARD B**

# **EDUCATIONAL ATTAINMENT**

<b>31 -</b> Less than 1st grade	<b>40 –</b> Some college but no degree
<b>32 –</b> 1st, 2nd, 3rd, or 4th grade	41 - Diploma or certificate from a vocational, technical, trade or business school BEYOND the High School level
<b>33 –</b> 5th or 6th grade	<b>42 -</b> Associate degree in college – Occupational/Vocational program
<b>34 –</b> 7th or 8th grade	<b>43 –</b> Associate degree in college – Academic program
<b>35 –</b> 9th grade	<b>44 –</b> Bachelor's degree (For example: BA, AB, BS)
<b>36 –</b> 10th grade	<b>45</b> – Master's degree (For example: MA, MS, MEng, MEd, MSW, MBA)
<b>37 –</b> 11th grade	<b>46</b> - Professional School degree (For example: MD, DDS, DVM, LLB, JD)
<b>38 –</b> 12th grade, no diploma	<b>47 -</b> Doctorate degree (For example: PhD, EdD)
<b>39 –</b> HIGH SCHOOL GRADUATE – high school DIPLOMA or equivalent (For example, GED)	

#### **CARD C**

#### **RACE**

## WHICH OF THE CATEGORIES ON THIS CARD BEST DESCRIBES YOUR RACE?

- **1** White
- 2 Black
- 3 American Indian, Eskimo, or Aleut
- 4 Asian or Pacific Islander

C

(Cut along broken lines)

### **CARD D**

#### **ORIGIN**

## Which of the categories on this card best describes your origin or descent?

European Origin	Hispanic Origin	Other Origins
<b>1 –</b> Canadian	<b>20</b> – Mexican	<b>30 –</b> African-American or Afro-American
<b>2</b> – Dutch	21 – Mexican-American	31 - American Indian, Eskimo or Aleut
<b>3 –</b> English	<b>22</b> – Chicano	<b>32</b> – Arab
4 - French	23 – Puerto Rican	<b>33 –</b> Asian
<b>5 –</b> French-Canadian	<b>24 –</b> Cuban	<b>34</b> – Pacific Islander
<b>6</b> – German	25 – Central American	<b>35</b> – West Indian
<b>7 –</b> Hungarian	<b>26</b> – South American	
<b>8 –</b> Irish	<b>27 –</b> Dominican Republic	
<b>9</b> – Italian	28 – Other Hispanic	<b>39</b> – Another group not listed
<b>10 –</b> Polish		net neted
<b>11 –</b> Russian		
<b>12 –</b> Scandinavian		
13 - Scotch/Irish		
14 - Scottish		
<b>15 –</b> Slovak		
<b>16 –</b> Welsh		

D

17 - Other European

## **FEBRUARY 1996 INTERVIEW**

## **CALENDAR OF REFERENCE MONTHS**

	Week No.										
S	S M T W T F S										
1	2	3	4	5	6	7	1				
8	9	10	11	12	13	14	2				
15	16	17	18	19	20	21	3				
22	23	24	25	26	27	28	4				
29	30	31					(5)				

	NOVEMBER 1995 (3 months ago)										
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26	27	28	29	30			9				

	Week No.									
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17	18	19	20	21	22	23	12			
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31							(14)			

	JANUARY 1996 (1 month ago)										
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28	29	30	31				18				

	FEBRUARY 1996											
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18	19	20	21	22	23	24						
25	26	27	28	29								

Holidays

Ε

(Cut along broken lines)

## **MARCH 1996 INTERVIEW**

## **CALENDAR OF REFERENCE MONTHS**

	Week No.						
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			1	2	3	4	1
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12	13	14	15	16	17	18	3
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26	27	28	29	30			5

	Week No.									
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31							(10)			

	Week No.						
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28	29	30	31				14

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25	26	27	28	29			18		

	MARCH 1996											
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17	18	19	20	21	22	23						
24	25	26	27	28	29	30						
31												

Holidays

'Cut along broken lines)

E

## **APRIL 1997 INTERVIEW**

## **CALENDAR OF REFERENCE MONTHS**

	DECEMBER 1996 (4 months ago)										
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29	30	31					(5)				

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	Week No.						
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	Week No.									
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16	17	18	19	20	21	22	16			
23	24	25	26	27	28	29	17			
30	31						(17)			

	<b>APRIL</b> 1997											
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20	21	22	23	24	25	26						
27	28	29	30									

Holidays

Ε

SIPP-16004 (10-3-96)

### **MAY 1997 INTERVIEW**

## **CALENDAR OF REFERENCE MONTHS**

	JANUARY 1997 (4 months ago)										
S	S M T W T F S										
			1	2	3	4	1				
5	6	7	8	9	10	11	2				
12	13	14	15	16	17	18	3				
19	20	21	22	23	24	25	4				
26	27	28	29	30	31		5				

	Week No.						
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23	24	25	26	27	28	29	9

	Week No.									
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16	17	18	19	20	21	22	12			
23	24	25	26	27	28	29	13			
30	31						(14)			

	Week No.						
S	M	Т	W	Т	F	S	
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20	21	22	23	24	25	26	17
27	28	29	30				18

	MAY 1997											
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11	12	13	14	15	16	17						
18	19	20	21	22	23	24						
25	26	<b>27</b> )	28	29	30	31						

Holidays

ng broken lines)

## **JUNE 1997 INTERVIEW**

## **CALENDAR OF REFERENCE MONTHS**

	Week No.						
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2	3	4	5	6	7	8	1
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23	24	25	26	27	28		4

	Week No.									
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16	17	18	19	20	21	22	7			
23	24	25	26	27	28	29	8			
30	31						(9)			

	Week No.									
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18	19	20	21	22	23	24	16
25	26	<b>27</b> )	28	29	30	31	17

<b>JUNE 1997</b>												
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15	16	17	18	19	20	21						
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29	30											

Holidays

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## **JULY 1997 INTERVIEW**

## **CALENDAR OF REFERENCE MONTHS**

	Week No.											
S	S M T W T F S											
						1	(1)					
2	3	4	5	6	7	8	1					
9	10	11	12	13	14	15	2					
16	17	18	19	20	21	22	3					
23	24	25	26	27	28	29	4					
30	31						(5)					

	Week No.										
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13	14	15	16	17	18	19	7				
20	21	22	23	24	25	26	8				
27	28	29	30				9				

	Week No.						
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11	12	13	14	15	16	17	11
18	19	20	21	22	23	24	12
25	26	27	28	29	30	31	13

	Week No.											
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8	9	10	11	12	13	14	15					
15	16	17	18	19	20	21	16					
22	23	24	25	26	27	28	17					
29	30						(17)					

	<b>JULY 1996</b>											
S	M	Т	W	Т	F	S						
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13			16			19						
20	21	22	23	24	25	26						
27	28	29	30	31								

Holidays

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## **AUGUST 1997 INTERVIEW**

## **CALENDAR OF REFERENCE MONTHS**

	Week No.											
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20	21	22	23	24	25	26	4					
27	28	29	30				5					

	Week No.						
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				1	2	3	(5)
4	5	6	7	8	9	10	6
11	12	13	14	15	16	17	7
18	19	20	21	22	23	24	8
25	26	27	28	29	30	31	9

JUNE 1997 (2 months ago)										
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2	3	4	5	6	7	10				
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16	17	18	19	20	21	12				
23	24	25	26	27	28	13				
30						(14)				
	9 16 23	(2 mo  M T  2 3  9 10  16 17  23 24	M         T         W           2         3         4           9         10         11           16         17         18           23         24         25	(2 months ago       M     T     W     T       2     3     4     5       9     10     11     12       16     17     18     19       23     24     25     26	(2 months ago)           M         T         W         T         F           2         3         4         5         6           9         10         11         12         13           16         17         18         19         20           23         24         25         26         27	(2 months ago)           M         T         W         T         F         S           2         3         4         5         6         7           9         10         11         12         13         14           16         17         18         19         20         21           23         24         25         26         27         28				

	Week No.						
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27	28	29	30	31			18

	AUGUST 1997											
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Holidays

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# SEPTEMBER 1997 INTERVIEW CALENDAR OF REFERENCE MONTHS

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	JUNE 1997 (3 months ago)										
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29	29 30										

	Week No.						
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20	21	22	23	24	25	26	12
27	28	29	30	31			13

	Week No.						
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24	25	26	27	28	29	30	17
31							(17)

	SEPTEMBER 1997											
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14	15	16	17	18	19	20						
21	22	23	24	25	26	27						
28	29	30										

Holidays

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## **OCTOBER 1997 INTERVIEW**

## **CALENDAR OF REFERENCE MONTHS**

	Week No.						
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15	16	17	18	19	20	21	3
22	23	24	25	26	27	28	4
29	30						(5)

	Week No.										
S	S M T W T F S										
		1	2	3	4	5	5				
6	7	8	9	10	11	12	6				
13	14	15	16	17	18	19	7				
20	21	22	23	24	25	26	8				
27	27 28 29 30 31										

	AUGUST 1997 (2 months ago)											
S	S M T W T F S											
					1	2	(9)					
3	4	5	6	7	8	9	10					
10	11	12	13	14	15	16	11					
17	18	19	20	21	22	23	12					
24	25	26	27	28	29	30	13					
31							(14)					

	Week No.											
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28	(17)											

	OCTOBER 1996											
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12	13	14	15	16	17	18						
19	20	21	22	23	24	25						
26	27	28	29	30	31							

Holidays

(Cut along broken lines)

## **NOVEMBER 1997 INTERVIEW**

### **CALENDAR OF REFERENCE MONTHS**

	Week No.						
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		1	2	3	4	5	1
6	7	8	9	10	11	12	2
13	14	15	16	17	18	19	3
20	21	22	23	24	25	26	4
27	28	29	30	31			5

	AUGUST 1997 (3 months ago)									
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17	18	19	20	21	22	23	8			
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31							(10)			

	Week No.						
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14	15	16	17	18	19	20	12
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28	29	30					(14)

	Week No.						
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26	27	28	29	30	31		18

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30						

Holidays

Cut along broken lines)

## **DECEMBER 1997 INTERVIEW**

## **CALENDAR OF REFERENCE MONTHS**

	AUGUST 1997 (4 months ago)									
S	M	Т	W	Т	F	S	No.			
					1	2	(1)			
3	4	5	6	7	8	9	1			
10	11	12	13	14	15	16	2			
17	18	19	20	21	22	23	3			
24	25	26	27	28	29	30	4			
31							(5)			

	SEPTEMBER 1997 (3 months ago)								
S	M	Т	W	Т	F	S			
	1	2	3	4	5	6	5		
7	8	9	10	11	12	13	6		
14	15	16	17	18	19	20	7		
21	22	23	24	25	26	27	8		
28	29	30					(9)		

	Week No.						
S	M	Т	W	Т	F	S	
			1	2	3	4	9
5	6	7	8	9	10	11	10
12	13)	14	15	16	17	18	11
19	20	21	22	23	24	25	12
26	27	28	29	30	31		13

	Week No.						
S	M	Т	W	Т	F	S	
						1	(13)
2	3	4	5	6	7	8	14
9	10	11)	12	13	14	15	15
16	17	18	19	20	21	22	16
23	24	25	26	27)	28	29	17
30							(17)

	DI	ECEN	ЛВЕГ	R 199	7	
S	M	Т	W	Т	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25)	26	27
28	29	30	31			

Holidays

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#### **CARD F**

#### **TYPES OF ASSETS**

U.S. Government Savings Bonds (E or EE)

IRA of Keogh Account

401K or Thrift Plan

Interest Earning Checking Account

**Savings Account** 

Money Market Deposit Account

Certificate of Deposit (CD)

**Mutual Funds** 

Stocks

Municipal or Corporate Bonds

U.S. Government Securities

Mortgages from which Payments are Received

**Rental Property** 

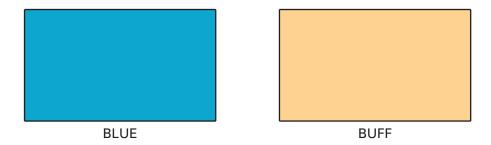
Royalties

Other financial Investments not already mentioned

F

### **CARD G**

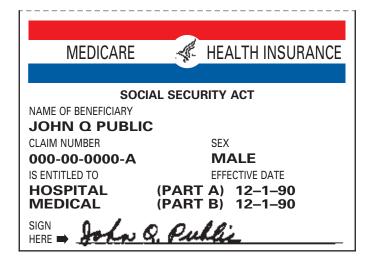
## COLORS OF THE ENVELOPES FROM THE SOCIAL SECURITY ADMINISTRATION

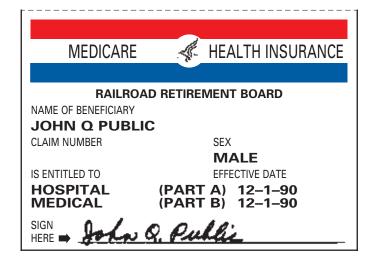


G

### **CARD H**

### **SAMPLE MEDICARE CARDS**





н

## **CARD I**

#### REASONS NOT COVERED BY HEALTH INSURANCE

Which one or more of these reasons describe why you were not covered by health insurance during this time?

- 1 Too expensive, can't afford health insurance
- **2** No health insurance offered (by employer of self, spouse or parent)
- **3** Not working at a job long enough to qualify
- **4** Job layoff, job loss, or any reason related to unemployment
- 5 Not eligible because working part time or temporary job
- **6** Can't obtain insurance because of poor health, illness, age, or a pre-existing condition
- 7 Dissatisfied with previous insurance OR don't believe in insurance
- 8 Have been healthy, not much sickness in the family, haven't needed health insurance
- 9 Able to go to VA or military hospital for medical care
- 10 Covered by some other health plan, such as Medicaid
- **11 –** No longer covered by parents' policy
- **12** Other

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### **CARD J**

#### **EDUCATIONAL ASSISTANCE**

- 1 Federal PELL Grant
- 2 Assistance from the Department of Veteran's Affairs (VA) such as GI or Montgomery Bill, Survivors and Dependents, other Veterans' Administration Educational Assistance Programs
- 3 College (or Federal) Work Study Program
- 4 Any other FEDERAL grant or program: for example, SEOG, Health or Nursing Grant, ROTC, NSF Grant
- 5 A loan that has to be repaid, for example, Stafford, Perkins, or SLS
- **6** A grant, scholarship, or tuition remission FROM THE SCHOOL ATTENDED
- 7 A teaching or research assistantship from the school attended
- 8 A grant or scholarship FROM THE STATE, such as SSIGP, Douglas Scholarships
- **9** A grant or scholarship from some other source, such as a foundation, corporation, or community group, National Merit Scholarship, etc.
- **10** Assistance provided by employer
- 11 Aid from some other source (EXCLUDE all direct aid from parents, including trusts or college savings funds)

## RESPONDENT RULES

#### **HOUSEHOLD RESPONDENT**

Any household member 15 years old or older who is physically and mentally competent and knowledgeable may answer the control card questions and questions about the household as a unit.

#### **HOUSEHOLD MEMBER 15 YEARS OF AGE OR OLDER**

Each household member 15 years old or older, present at the time of interview, should respond for himself/herself. If a 15+ person is physically or mentally incomptetent, select a proxy respondent. Also select a proxy respondent for a person absent at the time of interview. Any **knowledgeable** household member who is 15 years old or older may serve as proxy. Following is a chart for your use in determining who to interview. The choices are listed in order of priority.

INTERV	IEW RESPONDENT PRIORITY RULES
WAVE	FIRST FAMILY MEMBER INTERVIEW OR RETURN VISIT INTERVIEW
1	1. Self 2. Spouse (if any) 3. Other proxy
2	1. Self 2. Spouse (if any) 3. Proxy last visit 4. New proxy
3–8	<ol> <li>Self</li> <li>Spouse (if any)</li> <li>Proxy last visit</li> <li>Proxy at another visit</li> <li>New proxy</li> </ol>

If a person wishes to act as a proxy but is not a household member, you **must** call your supervisor for permission before interviewing the proxy. Enter a note in Case Management using F7.

## SUMMARY TABLE FOR DETERMINING WHO IS TO BE INCLUDED AS A MEMBER OF THE HOUSEHOLD

A. PERSON STAYING IN SAMPLE UNIT AT TIME OF INTERVIEW  Any person in unit including members of family, lodgers, servants, visitors, etc.		de as ber of ehold?
1. Ordinarily stay here all the time (sleep here) 2. Here temporarily – no living quarters held elsewhere 3. Here temporarily – living quarters held elsewhere	Yes Yes	No
In Armed Forces  1. Stationed in this locality – usually sleep here  2. Temporarily here on leave – stationed elsewhere	Yes	No
Student - Here temporarily attending school - living quarters held for person elsewhere  1. Not married or not accompanied by own family  2. Married and accompanied by own family  3. Student nurse attending school nearby	Yes Yes	No
B. ABSENT PERSON WHO USUALLY LIVES HERE IN SAMPLE UNIT		
Inmate of institutional special place – Absent because inmate in an institutional special place regardless of whether or not living quarters held for person here		No
Persons temporarily absent on vacation, in general hospital, etc.  (Including veterans' facilities that are general hospitals) –  Living quarters held here for person	Yes	
Absent in connection with job  1. Living quarters held here for person – temporarily absent while "on the road" in connection with job (e.g., traveling salesperson, railroad worker, bus driver, seaman)  2. Living quarters held here and elsewhere for person but comes here infrequently (e.g., construction engineer)  3. Living quarters held here at home for unmarried college student working away from home during summer school vacation	Yes	No
In Armed Forces – Currently stationed elsewhere		No
In school – Away temporarily attending school – living quarters held here for person  1. Not married or not accompanied by own family  2. Married and accompanied by own family  3. Attending school overseas  4. Student nurse living at school	Yes	No No No
C. EXCEPTIONS AND DOUBTFUL CASES		
Person with two concurrent residences  1. Regularly sleep greater part of week in another locality	Yes	No
Citizen of foreign country temporarily in the United States  1. Living on premises of an Embassy, Ministry, Legation, Chancellery, or Consulate 2. Not living on premises of an Embassy, Ministry, etc. – a. If living and studying here and no usual place of		No
residence elsewhere in the United States	Yes	
b. If living and working here and no usual place of residence elsewhere in the United States c. If merely visiting or traveling in the United States	Yes	No

#### **PRIVACY ACT STATEMENT**

"The Bureau of the Census is conducting the Survey of Income and Program Participation to gather information about employment, income, and the economic situation of persons and families who live in the United States. All survey information will be used for statistical purposes only. The survey is being conducted under the authority of title 13, United States Code, section 182.

"Participation in the survey is voluntary, and there are no penalties for failure to answer any questions. However, your cooperation is extremely important to insure the completeness and accuracy of the final results."

## TALKING POINTS FOR FIELD REPRESENTATIVES Uses of SIPP

The Survey of Income and Program Participation (SIPP) is used to learn and understand more about the economic well being and changes of the Nation. Because SIPP follows people over time and because thousands of people have responded to this survey, we are able to provide unique answers or insights into key policy questions.

SIPP data are used by Congress, the White House, and state and local officials to make informed decisions about important policy questions facing the Nation. SIPP data provides meaningful information and insight into the economic well-being of the Nation. Data from the SIPP has been used directly or indirectly in many policy debates, such as:

- Health Coverage Reform Act and Legislation
- Minimum Wage Act and Legislation
- The Americans for Disabilities Act and Legislation
- Welfare Reform Act and Legislation

Listed on the next few pages are some of the ways SIPP data is used to provide information and insight about the following groups of respondents:

- Elderly Respondents
- Poor Respondents
- Wealthy Respondents
- Middle-Income Respondents

#### **ELDERLY RESPONDENTS**

- ▶ SIPP has been used to measure the impact on the value and sufficiency of Social Security payments due to:
  - Changes in the cost of medical insurance, especially supplemental insurance.
  - Changes in the amount of income received and how people meet living expenses.
- ▶ SIPP measures the changes that affect their ability to maintain their independence and life style, such as:
  - The effects of inflation on the value of Social Security and Pensions.
  - The effects of changes in savings and asset ownership over time and the ability of the elderly to maintain their pre-retirement standard of living.
  - The effects of lower social security and pension payments on surviving spouses.
  - The effect of the movement of the elderly into an extended family and their ability to retain independence.
  - The transition of the elderly into group homes and nursing homes.
- ▶ SIPP allows testing of alternative approaches to improve economic standing of the elderly.
- ▶ SIPP measures the changes that affect people's qualification for programs such as food stamps, housing and energy assistance, Medicaid, etc.
  - Changes in the amount of disposable income.
  - Changes in the value of real assets as people cover current expenses.
- Measures the interaction between public and private program participation.
- ▶ Measures the impact on the Nation's well-being as the population grows older, such as:
  - Changes in savings plans such as IRAs, 401(k)s, pensions plans, etc., as the baby boomers reach retirement.
  - Changes in real assets such as real estate, mutual funds, and stocks as the population ages.
  - Changes in health insurance coverage, especially shifts in types of coverage over time from group or individual policies to HMOs.
- ▶ SIPP measures the changes in family composition and the impact on the economic well-being of the family, after the loss of the main wage earner through death or divorce.

#### **POOR RESPONDENTS**

- ▶ SIPP measures the effects of changes in the economic well-being of those in poverty, such as:
  - Changes in the minimum wage.
  - Changes in program qualification requirements and benefits.
  - Changes in family composition.
- ▶ SIPP measures the effect of program changes on those in poverty, such as Food Stamps, AFDC, WIC, Medicaid, etc.
  - Changes in eligibility requirements.
  - Changes in the benefits provided.
  - Changes in the duration of coverage or waiting period before coverage begins.
- ▶ SIPP measures the effectiveness of public assistance programs on those in poverty, such as:
  - The movement into and out of the labor force.
  - The duration without coverage by health insurance.
  - The effect of poverty in depleting real assets.
  - The effect of poverty on educational attainment.
  - Showing who actually participates in the programs.
- ▶ SIPP measures the effect that the Federal Earned Income Tax Credit has on those in poverty.
- ▶ SIPP measures the impact on educational attainment when the government modifies student loan programs and educational grants.
- ▶ SIPP measures the effectiveness of government programs to meet the needs of people in need even for short periods, such as:
  - The effectiveness of assistance programs to meet the short term needs of people temporarily unemployed.
  - The effectiveness of programs to reach the intended population.
  - The impact on health care insurance participation during periods of unemployment.
- ▶ SIPP measures the changes in family composition and the impact on the economic well-being of the family, after the loss of the main wage earner through death or divorce.

#### **WEALTHY RESPONDENTS**

- ▶ SIPP measures the impact of changes in government tax policies on savings and assets.
  - Changes in the capital gains tax.
  - Changes in estate taxes.
  - Modification of tax credits or deductions.
  - Changes in IRA and 401(k) eligibility and limits.
  - Changes in age eligibility for withdrawing funds from IRA or 401(k) plans.
- ▶ SIPP measures the impact of corporate down-sizing on economic well-being, such as:
  - The effect on labor force participation.
  - The effect on savings and real assets as people try to maintain their standard of living.
  - The effect on educational attainment of family members.
  - The effect on child care arrangements during times of unemployment.
- ▶ Measures the impact on the Nation's well-being as the population grows older, such as:
  - Changes in savings plans such as IRAs, 401(k)s, pensions plans, etc., as the baby boomers reach retirement.
  - Changes in real assets such as real estate, mutual funds, and stocks as the population ages.
  - Changes in health insurance coverage, especially shifts in types of coverage over time from group or individual policies to HMOs.
- ▶ SIPP measures the impact of changes in health insurance programs.
  - Changes in the cost of insurance policies.
  - Changes in the composition of those covered.
  - Changes in coverage when a person changes jobs.
- ▶ SIPP measures the impact of layoffs on the economic well-being of middle-income families.
  - The fluctuations in labor force participation.
  - The effect on savings and real assets as they try to maintain their standard of living.
  - The effectiveness of unemployment payments to the family's well-being.
  - The effect on educational attainment of family members.
  - The effect on child care arrangements during times of unemployment.
- ▶ SIPP measures the changes in family composition and the impact on the economic well-being of the family, after the loss of the main wage earner through death or divorce.

#### MIDDLE INCOME RESPONDENTS

- SIPP measures the impact of layoffs on the economic well-being of middle-income families.
  - The fluctuations in labor force participation.
  - The effect on savings and real assets as people try to maintain their standard of living.
  - The effect on health insurance coverage, especially COBRAs. A COBRA is a requirement of the Omnibus Budget Reconciliation Act of 1986. It allows certain workers and their families the ability to retain health insurance benefits by paying the full cost of the coverage for a period of up to 36 months after a dependent reaches a certain age or up to 18 months after a worker is terminated from employment.
  - The effectiveness of unemployment payments to the family's well-being.
  - The effect on educational attainment of family members.
  - The effect on child care arrangements during times of unemployment.
- ▶ SIPP measures the effectiveness of government programs to meet the needs of people in need even for short periods, such as:
  - The effectiveness of assistance programs to meet the short term needs of people temporarily unemployed.
  - The effectiveness of programs to reach the intended population.
  - The impact on health care insurance participation during periods of unemployment.
- ▶ SIPP measures changes in the socioeconomic patterns of the nation's work force.
  - Changes in the child care arrangements and work schedules when both parents are in the labor force.
  - Changes in work habits caused by legislative initiatives such as the Family and Medical Leave Act.
  - Changes in labor force participation as women leave the work force to have children and the duration of non-participation in the labor force.
  - The job status of women/men as they reenter the work force after taking care of a baby or sick family member.
  - Changes in family composition and the impact on the economic well-being of the family, after the loss of the main wage earner through death or divorce.
- ▶ SIPP has been used to measure the impact on the value and sufficiency of Social Security payments due to:
  - Changes in the cost of medical insurance, especially supplemental insurance.
  - Changes in the amount of income received and how people meet living expenses.

- ▶ SIPP measures the impact of changes in government tax policies on savings and assets.
  - Changes in IRA or 401(k) eligibility or limits.
  - Changes in the basic tax rates and exemptions.
  - Modification of tax credits for education.
  - Modification of tax deductions, such as changes in the deduction for mortgage interest or changes in personal exemptions.
- ▶ SIPP measures the impact of changes in health insurance programs.
  - Changes in the cost of insurance policies.
  - Changes in the composition of those covered.
  - Changes in coverage when a person changes jobs.
- ▶ SIPP measures the impact on educational attainment when the government modifies student loan programs and educational grants.
- ▶ SIPP measures the impact on the Nation's well-being as the population grows older, such as:
  - Changes in savings plans such as IRAs, 401(k)s, pensions plans, etc as the baby boomers reach retirement.
  - Changes in real assets such as real estate, mutual funds, and stocks as the population ages.
  - Changes in health insurance coverage, especially shifts in types of coverage over time from group or individual policies to HMOs.

#### **APPENDIX C**

#### Working Papers

This appendix provides a list of SIPP Working Papers. These papers are available on the Census Bureau's Internet site <a href="http://www.census.gov">http://www.census.gov</a>

Old	New	
(8401)	1	(Update No. 1, Revised 12/85) "An Overview of the Survey of Income and Program Participation," D. NELSON, D. B. MCMILLEN, and D. KASPRZYK (Census Bureau)
(8501)	2	"The Survey of Income and Program Participation: Uses and Applications," K. S. SHORT (Census Bureau)
(8502)	3	"Applications of a Matched File Linking the Bureau of the Census Survey of Income and Program Participation and Economic Data," S. HABER (The George Washington University)
(8503)	4	"Using the Survey of Income and Program Participation for Research on the Older Population," D. B. MCMILLEN, C. M. TAEUBER, and J. MARKS (Census Bureau)
(8504)	5	"Summary of the Content of the 1984 Panel of the Survey of Income and Program Participation," D. T. FRANKEL (Census Bureau)
(8505)	6	"Enhancing Data from the Survey of Income and Program Participation with Data from Economic Censuses and Surveys," D. K. SATER (Census Bureau)
(8506)	7	"Methodologies for Imputing Longitudinal Survey Items," V. J. HUGGINS, L. WEIDMAN, and M. E. SAMUHEL (Census Bureau)
(8507)	8	"New Household Survey and the CPS: A Look at Labor Force Differences," P. M. RYSCAVAGE (Census Bureau) and J. E. BREGGER (Bureau of Labor Statistics)
(8601)	9	"Some Aspects of SIPP," compiled and edited by R. A. HERRIOT and D. KASPRZYK (Census Bureau)
(8602)	10	"Nonsampling Error Issues in the SIPP," G. KALTON (University of Michigan), D. B. MCMILLEN, and D. KASPRZYK (Census Bureau)
(8603)	11	"An Investigation of Model-Based Imputation Procedures Using Data from the Income Survey Development Program," V. J. HUGGINS and L. WEIDMAN (Census Bureau)
(8604)	12	"Food Stamp Participation: A Comparison of SIPP with Administrative Records, S. CARLSON and R. DALRYMPLE (Food and Nutrition Service)
(8605)	13	"SIPP Longitudinal Household Estimation for the Proposed Longitudinal Definition," L. R. ERNST (Census Bureau)
(8606)	14	"A Comparison of Seven Imputation Procedures for the 1979 Panel of the Income Survey Development Program," V. J. HUGGINS (Census Bureau)

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(8607)	15	"An Investigation of the Imputation of Monthly Earnings for the Survey of Income and Program Participation Using Regression Models," V. J. HUGGINS and L. WEIDMAN (Census Bureau)
(8608)	16	"Evaluation of Training Materials and Methods for the Survey of Income and Program Participation," M. HOLT (Survey Research Consultant)
(8609)	17	"Patterns of Household Composition and Family Status Change," C. F. CITRO (ASA/Census Research Fellow), and H. W. WATTS (Department of Economics, Columbia University)
(8610)	18	"Composite Estimation for SIPP:A Preliminary Report," R. P. CHAKRABARTY (Census Bureau)
(8611)	19	"Longitudinal Household Concepts in SIPP: Preliminary Results," C. F. CITRO (ASA/Census Research Fellow), D. J. HERNANDEZ, and R. A. HERRIOT (Census Bureau)
(8612)	20	"Following Children in the Survey of Income and Program Participation," E. K. MCARTHUR, and K. S. SHORT (Census Bureau)
(8613)	21	"SIPP Labor Force Transitions: Problems and Promises," P. RYSCAV AGE andK. S. SHORT (Census Bureau)
(8614)	22	"Augmenting Data Reported in the Survey of Income and Program Participation with Administrative Record DataA Brief Discussion," D. K. SATER (Census Bureau)
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(8702)	24	"Preliminary Data from the SIPP 1983-84 Longitudinal Research File," J. F. CODER, D. BURKHEAD, A. FELDMAN-HARKINS, and J. MCNEIL (Census Bureau)
(8703)	25	"Work Experience Data from SIPP," P. RYSCAVAGE and A. FELDMAN-HARKINS (Census Bureau)
(8704)	26	"The Treatment of Person-Wave Nonresponse in Longitudinal Surveys," G. KALTON, J. LEPKOWSKI, S. HEERINGA, TING-KWONG LIN, and M. E. MILLER (Survey Research Center, University of Michigan)
(8705)	27	"SIPP: Filling Data Gaps on the Poverty and Social Welfare Fronts," P. RYSCAVAGE (Census Bureau)
(8706)	28	"Response Errors in Labor Surveys: Comparisons of Self and Proxy," D. HILL (University of Michigan)
(8707)	29	"Differences Between SIPP and Food and Nutrition Service Program Data on Child Nutrition and WIC Program Participation," L. KU and R. DALRYMPLE (Food and Nutrition Service, U.S. Department of Agriculture)
(8708)	30	"Quality Profile for the Survey of Income and Program Participation," K. KING, R. PETRONI, and R. SINGH (Census Bureau)

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(8710)	32	"The Impact of Imputation Procedures on Distributional Characteristics of the Low Income Population," P. DOYLE (Mathematica Policy Research), and R. DALRYMPLE (Food and Nutrition Service, U.S. Department of Agriculture)
(8711)	33	"Job Tenure, Lifetime Work Interruptions and Wage Differentials," J. MCNEIL, E. LAMAS (Census Bureau), and S. HABER (The George Washington University)
(8712)	34	"Measuring the Bias in Gross Flows in the Presence of Auto-Correlated Response Errors," D. HUBBLE (Census Bureau), and D. JUDKINS (Westat, Inc.)
(8713)	35	"Investigation of Possible Causes of Transition Patterns from SIPP," L. WEIDMAN (Census Bureau)
(8714)	36	"Household and Income Sources: Monthly Averages for 1984," J. MOORMAN (Census Bureau)
(8715)	37	"Creating SIPP Longitudinal Files Using OSIRIS IV," M. SERVAIS (University of Michigan)
(8716)	38	"Transition In and Out of Poverty: New Data from the Survey of Income and Program Participation," P. RUGGLES (The Urban Institute), and R. WILLIAMS (Congressional Budget Office)
(8717)	39	"On Their Own: The Self-Employed and Others in Private Business," S. HABER (The George Washington University), E. LAMAS (Census Bureau), and J. LICHTENSTEIN (U.S. Small Business Administration)
(8718)	40	"Factors Associated with Household Net Worth," E. LAMAS and J. MCNEIL (Census Bureau)
(8719)	41	"Exploring Changes in Health Care Coverage Using the SIPP Longitudinal Research File," D. BURKHEAD and A. FELDMAN and HARKINS (Census Bureau)
(8720)	42	"The Analysis of Geographical Mobility and Life Events with the SIPP," D. DAHMANN and E. MCARTHUR (Census Bureau)
(8721)	43	"A Review of the Use of Administrative Records in the Survey of Income and Program Participation," C. BOWIE and D. KASPRZYK (Census Bureau)
(8722)	44	"Survey of Income and Program Participation Update," D. KASPRZYK (Census Bureau)
(8723)	45	"Measuring Poverty with the SIPP and the CPS," R. WILLIAMS (Congressional Budget Office)
(8724)	46	"The Statistical Invisible Minority Aged," C. TAEUBER (Census Bureau), and E. ATTAH (Atlanta University)

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(8802)	49	"Short-Term Fluctuations in Income and Their Impacts on the Characteristics of the Low-Income Population: New Data from the Survey of Income and Program Participation," P. RUGGLES (The Urban Institute)
(8803)	50	"Residential Mobility of One-Person Households," J. WITTE and H. LAHMANN (German Institute for Economic Research)
(8804)	51	"Year-Apart Estimates of Household Net Worth from the Survey of Income and Program Participation," J. MCNEIL and E. LAMAS (Census Bureau)
(8805)	52	"Measuring Poverty and Crises: A Comparison of Annual and Subannual Accounting Periods Using the Survey of Income and Program Participation," M. DAVID and J. FITZGERALD (Institute for Research on Poverty)
(8806)	53	"Using Administrative Record Data to Evaluate the Quality of Survey Estimates," J. MOORE and K. MARQUIS (Census Bureau)
(8807)	54	"The Wealth of the Aged and Nonaged, 1984," D. RADNER (Social Security Administration)
(8808)	55	"Examining the Dynamics of Health Insurance Loss: A Tale of Two Cohorts, A. C. MONHEIT and C. L. SCHUR (National Center for Health Services Research)
(8809)	56	"The Dynamics of Medicaid Enrollment," P. FARLEY-SHORT, J. A. CANTOR and A. C. MONHEIT (National Center for Health Services Research)
(8810)	57	"The Discouraged Worker Effect: A Reappraisal Using Spell Duration Data, A. MARTINI (University of Wisconsin-Madison)
(8811)	58	"Income as a Proxy for the Economic Status of the Elderly," D. J. CHOLLET and R. B. FRIEDLAND (Employee Benefit Research Institute)
(8812)	59	"The SIPP: Data from the Social Security Administration's 1987 Annual Statistical Supplement."
(8813)	60	"Participation in Industrial Training Programs," S. HABER (The George Washington University)
(8814)	61	"A Methodological Study Using Administrative Records: The Special Frames Study of the Income Survey Development Program," W. J. LOGAN (Social Security Administration),. D. KASPRZYK and R. CAVANAUGH (Census Bureau)
(8815)	62	"The Effect of Income Taxation on Labor Supply When Deductions are Endogenous, R. K. TRIEST (The Johns Hopkins University)

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(8817)	64	"How are the Elderly Housed? New Data from the 1984 Survey of Income and Program Participation," A. GOLDSTEIN (Census Bureau)
(8818)	65	"Welfare Recipient as Observed in the SIPP," J. CODER (Census Bureau) and P. RUGGLES (The Urban Institute)
(8819)	66	"Reservation Wages and Subsequent Acceptance Wages of Unemployed Persons, P. RYSCAVAGE (Census Bureau)
(8820)	67	"Selected References from the Income Survey Development Program (ISDP) and Survey of Income and Program Participation (SIPP)."
(8821)	68	"Training, Wage Growth, Firm Size," S. HABER (The George Washington University) and E. LAMAS (Census Bureau)
(8822)	69	"Defining and Measuring Nonmetro Poverty: Results from the Survey of Income and Program Participation," R. HOPPE (Economic Research Service, U.S. Department of Agriculture)
(8823)	70	"Nonresponse Adjustment Methods for Demographic Surveys at the U.S. Bureau of the Census," R. SINGH and R. PETRONI (Census Bureau)
(8824)	71	"Testing Telephone Interviewing in the Survey of Income and Program Participation and Some Early Results," S. DURANT and P. GBUR (Census Bureau)
(8825)	72	"Excluding Sample that Misses Some Interviews from SIPP Longitudinal Estimates," L. R. ERNST and D. GILLMAN (Census Bureau)
(8826)	73	"The Employment of Mothers and the Prevention of Poverty," M. HILL (University of Michigan) and H. HARTMANN (Rutgers University)
(8827)	74	"Using Administrative Record Data to Describe SIPP Response Errors," J. MOORE and K. MARQUIS (Census Bureau)
(8828)	75	"A Look at Welfare Dependency Using the 1984 SIPP Panel File," J. CODER, D. BURKHEAD, and A. FELDMAN-HARKINS (Census Bureau)
(8829)	76	"Census Bureau Microdata: Providing Useful Research Data While Protecting the Anonymity of Respondents," G. GATES (Census Bureau)
(8830)	77	"The Survey of Income and Program Participation: An Overview and Discussion of Research Issues," D. KASPRZYK (Census Bureau)
(8901)	78	"Quality of SIPP Estimates," R. P. SINGH, L. WEIDMAN, and G. SHAPIRO (Census Bureau)
(8902)	79	"Two Notes on Sampling Variance Estimates from the 1984 SIPP Public-Use Files," B. BYE and S. J. GALLICCHIO (Social Security Administration)

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(8903)	80	"Longitudinal vs. Retrospective Measures of Work Experience," P. RYSCAVAGE and J. CODER (Census Bureau)
(8904)	81	"Analyzing the Characteristics of Blacks: A Comparison of Data from SIPP and CPS," R. FARLEY and L. J. NEIDERT (University of Michigan)
(8905)	82	"Enhanced Demographic-Economic Data Sets,"R. HERRIOT, C. BOWIE, D. KASPRZYK, and S. HABER (Census Bureau)
(8906)	83	"Reflections on the Income Estimates from the Initial Panel of the Survey of Income and Program Participation (SIPP)," D. VAUGHAN (Social Security Administration)
(8907)	84	"Measuring Spells of Unemployment and Their Outcomes," P. RYSCAVAGE (Census Bureau)
(8908)	85	"Welfare Dependency and its Causes: Determinants of the Duration of Welfare Spells," P. RUGGLES (The Urban Institute)
(8909)	86	"Measuring the Duration of Poverty Spells," P. RUGGLES (The Urban Institute) and R. WILLIAMS (Congressional Budget Office)
(8910)	87	"Methods of Processing Unit Data Longitudinally on the SIPP," K. SMITH (Congressional Budget Office)
(8911)	88	"Composite Estimation for SIPP Annual Estimates," R. P. CHAKRABARTY (Census Bureau)
(8912)	89	"Research and Evaluation Conducted on the Survey of Income and Program Participation," R. PETRONI, T. CARMODY, and V. HUGGINS (Census Bureau)
(8913)	90	"A Poisson Model of Response and Procedural Error Analysis of SIPP Reinterview Data," D. HILL (University of Michigan)
(8914)	91	"The Economic Resources of the Elderly," S. CRYSTAL and D. SHEA (Rutgers University)
(8915)	92	"Multivariate Analysis by Users of SIPP Micro-Data Files" R. P. CHAKRABARTY (Census Bureau)
(8916)	93	"A Resource-Based Model of Living Arrangements among the Unmarried Elderly," J. E. MUTCHLER and J. A. BURR (University of Buffalo)
(8917)	94	"Measuring Household Change at the Individual Level Using Data from SIPP, " A. SPEARE, JR. and R. AVERY (Brown University)
(8918)	95	"The Effect of Child Care Costs on Married Women's Labor Force Participation, R. CONNELLY (Bowdoin College)
(8919)	96	"Income and Assets of Social Security Beneficiaries by Type of Benefit," S. GRAD (Social Security Administration)

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(8921)	98	"Wave Seam Effects in the SIPP," N. YOUNG (The Urban Institute)
(8922)	99	"Components of Longitudinal Household Change for 1984-1985: An Evaluation of National Estimates from the SIPP," D. J. HERNANDEZ (Census Bureau)
(8923)	100	"Database Design for Large-Scale, Complex Data," M. H. DAVID and A. ROBBIN (University of Wisconsin)
(8924)	101	"Measuring the Frequency and Consequences of Job Separations: Data from the Survey of Income and Program Participation," J. MCNEIL and E. LAMAS (Census Bureau)
(8925)	102	"The Regular Receipt of Child Support: A Multi-Step Process," J. PETERSON and C. NORD (Child Trends, Inc.)
(8926)	103	"The Potential for Comparative Panel Research Using Data from the Survey of Income and Program Participation and the German Socio-Economic Panel, J. C. WITTE (Harvard University)
(8927)	104	"Offer Arrivals Versus Acceptance: Interpreting Demographic Reemployment Patterns in the Search Framework," T. J. DEVINE (The Pennsylvania State University)
(8928)	105	"Findings from the SIPP Fringe Benefits Feasibility Study: Response Rates and Data Quality," S. HABER (The George Washington University)
(9001)	106	"Recent Developments in the Survey of Income and Program Participation, C. BOWIE (Census Bureau)
(9002)	107	"An Analysis of Leaving Home Using Data from the 1984 Panel of the SIPP, A. SPEARE, JR., R. AVERY, and F. GOLDSCHEIDER (Brown University)
(9003)	108	"The Effect of the Marriage Market on First Marriages: Evidence from SIPP, J. FITZGERALD (Bowdoin College)
(9004)	109	"Counting Spells of Unemployment," P. RYSCAVAGE and K. SHORT (Census Bureau)
(9005)	110	"The Elderly and Their Sources of Income: Implications for Rural Development," R. HOPPE (Economic Research Service, U.S. Department of Agriculture)
(9006)	111	"Alternative Estimates of Economic Well-Being by Age Using Data on Wealth and Income," D. RADNER (Social Security Administration)
(9007)	112	"Longitudinal Analysis of Federal Survey Data," P. RUGGLES (Joint Economic Committee)
(9008)	113	"Measurement Errors in SIPP Program Reports," K. H. MARQUIS and J. C. MOORE (Census Bureau)
(9009)	114	"Handling Single Wave Nonresponse in Panel Surveys," R. SINGH, V. HUGGINS, and D. KASPRZYK (Census Bureau)

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(9012)	117	"The Effects of Being Uninsured on Health Care Service Use: Estimates from the SIPP," S. H. LONG and J. RODGERS (Congressional Budget Office)
(9013)	118	"Wage Differential and Job Changes," S. SENINGER and D. GREENBERG (University of Maryland) From SIP
(9014)	119	"Wages and Employment Among the Working Poor: New Evidence P, S. K. LONG (The Urban Institute) and A. MARTINI (Mathematica Policy Research)
(9015)	120	"Pension Portability & Labor Mobility: Evidence from SIPP," A. GUSTMAN (Dartmouth College) and T. STEINMEIER (Texas Tech University)
(9016)	121	"Response & Procedural Error Variance in Surveys: An Application of Poisson and Newman Type A Regression," D. HILL (University of Toledo)
(9017)	122	"Aging and the Income Value of Housing Wealth," S. F. VENTI (Dartmouth College) and D. A. WISE (Harvard University)
(9018)	123	"Welfare Participation and Welfare Recidivism: The Role of Family Events, S. K. LONG (The Urban Institute)
(9019)	124	"Racial Differences in Health and Health Care Service Utilization: The Effect of Socioeconomic Status," J. E. MUTCHLER and J. A. BURR (State University of New York at Buffalo)
(9020)	125	"Living Benefits: Closing the Gap for LTC Financing," D. G. SHEA (Pennsylvania State University)
(9021)	126	"SIPP Record Check Results: Implications for Measurement Principles and Practice, K. H. MARQUIS and J. C. MOORE (Census Bureau)
(9022)	127	"Workers with Disabilities in Large and Small Firms: Profiles from the SIPP," D. DRURY (Berkeley Planning Associates)
(9023)	128	"Entry into Marriage and the Transition to Adulthood Among Recent Firth Cohorts of Young Adults in the United States and the Federal Republic of Germany," J. WITTE (Harvard University)
(9024)	129	"The Saving Effect of Tax-Deferred Retirement Accounts: Evidence from the SIPP, S. VENTI (Dartmouth College) and D. A. WISE (Harvard University)
(9025)	130	"Children and Welfare: Patterns of Multiple Program Participation," S. K. LONG (The Urban Institute)
(9026)	131	"Household and Nonhousehold Living Arrangements in Later Life: A Longitudinal Analysis of A Social Process," J. E. MUTCHLER and J. A. BURR (University of Buffalo)

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(9027)	132	"The SIPP Event History Calendar: Aiding Respondents in the Dating of Longitudinal Process," R. KOMINSKI (Census Bureau)
(9028)	133	"Estimates of Employer Contributions for Health Insurance by Worker Characteristics," S. HABER (George Washington University)
(9029)	134	"Two Notes on Relating the Risk of Disclosure for Microdata and Geographic Area Size," B. GREENBERG and L. VOSHELL (Census Bureau)
(9030)	135	"Childcare Effects on Social Security Benefits (91 ARC)," H. M. IAMS (Social Security Administration)
(9031)	136	"The Effect of the Medicaid Program on Welfare Participation & Labor Supply," R. MOFFIT (Brown University) and B. WOLFE (University of Wisconsin)
(9032)	137	"Proxy Reports: Results from a Record Check Study," J. C. MOORE (Census Bureau)
(9033)	138	"Spells Without Health Insurance: What Affects Spell Durations and Who are the Chronically Uninsured?," T. MCBRIDE and K. SWARTZ (The Urban Institute)
(9034)	139	"Spells without Health Insurance: Distributions of Durations and their Link to Point-in-Time Estimates of the Uninsured," K. SWARTZ and T. MCBRIDE (The Urban Institute)
(9035)	140	"Discrete Time Models of Entry into Marriage Based on Retrospective Marital Histories of Young Adults in the U.S. and the Federal Republic of Germany," J. WITTE (Harvard University)
(9101)	141	"Trends in Income and Wealth of the Elderly in the 1980's," P. RYSCAVAGE (Census Bureau)
(9102)	142	"The Impact of Survey and Questionnaire Design on Longitudinal Labor Force Measures," A. MARTINI (Mathematica Policy Research) and P. RYSCAVAGE (Census Bureau)
(9103)	143	"Using SIPP to Analyze Black-White Differences in Youth Employment," G. C. CAIN and P. M. GLEASON (University of Wisconsin)
(9104)	144	"A Random-Effects Approach to Attrition Bias in the SIPP Health Insurance Data," J. A. KLERMAN (The Rand Corporation)
(9105)	145	"Alternative Samples for Welfare Duration in SIPP: Does Attrition Matter?," J. FITZGERALD (Census Bureau/Bowdoin College) X. ZUO (Census Bureau/Shanghai Academy of Social Science)
(9106)	146	"Job-Exits and Job-to-Job Transitions in the United States: An Empirical Analysis Using SIPP," T. J. DEVINE (Pennsylvania State University)
(9107)	147	"The Flow of Household Income in the 1984 Survey of Income and Program Participation," H. W. WATTS (Census Bureau/Columbia University), D. B. MCMILLEN (Census Bureau) and L. MOELLER (Census Bureau/Columbia University)

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(9109)	149	"Health Insurance Coverage Among the Elderly," V. WILCOX-GOK (Department of Economics and Institute for Health) J. RUBIN (Health Care Policy, and Aging Research)
(9110)	150	"A Cognitive Approach to Redesigning Measurement in the Survey of Income and Program Participation," K. H. MARQUIS, J. C. MOORE and K. E. BOGEN (Census Bureau)
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(9112)	152	"Record Use by Respondents," R. KOMINSKI (Census Bureau)
(9113)	153	"Recipiency History and Left-Censored Spells of Program Participation in the SIPP," K. SHORT and J. EARGLE (Census Bureau)
(9114)	154	"Receipt of Food Stamps by Longitudinal Households and Individuals in the SIPP," N. R. BURSTEIN (Abt Associates Inc.)
(9115)	155	"Within-PSU Sort and Stratification Research to Improve Survey Efficiency," M. GORSAK, K. MANSUR, D. FENSTERMAKER and R. PETRONI (Census Bureau)
(9116)	156	"Marital Separation and the Economic Well-Being of Children and Their Absent Fathers," S. M. BIANCHI (Census Bureau)
(9117)	157	"Rationale for a SIPP-Based Microsimulation Model of SSI and OASDI," B. WIXON and D. R. VAUGHAN (Social Security Administration)
(9118)	158	"Implementing an SSI Model Using the Survey of Income and Program Participation, D. R. VAUGHAN and B. WIXON (Social Security Administration)
(9119)	159	"Local Labor Markets and Local Area Effects on Welfare Duration: Evidence from SIPP," J. FITZGERALD (Census Bureau) X. ZUO (Dowdoin College and Shanghai Academy of Social Science)
(9120)	160	"Oversampling the Low-Income Population in the Survey of Income and Program Participation (SIPP)," G. D. WELLER, V. J. HUGGINS and R. P. SINGH (Census Bureau)
(9121)	161	"Estimates of the Uninsured Population from the Survey of Income and Program Participation: Size, Characteristics, and the Possibility of Attrition Bias, K. SWARTZ (The Urban Institute)
(9201)	162	"Changes in Parent-Child Coresidence in Later Life," A. SPEARE, JR. (Census Bureau/Brown University) and R. AVERY (Brown University)
(9202)	163	"Who Helps Whom in Older Parent-Child Families," A. SPEARE, JR. (Population Studies and Training Center) R. AVERY (Brown University)

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(9204)	165	"Pretest Results of an Alternative Measurement Design for the Survey of Income and Program Participation," K. BOGEN, J. C. MOORE and K. H. MARQUIS (Center for Survey Methods Research and Census Bureau)
(9205)	166	"Dependent and Independent Data Collection in Panel Surveys: Analysis of 1985, 1986 SIPP Occupation and Industry Data," D. H. HILL (Survey Research Institute/University of Toledo)
(9206)	167	"The Survey of Income and Program Participation in the 1990's," D. H. WEINBERG and R. J. PETRONI (Census Bureau)
(9207)	168	"A Statistical Profile of At-Risk Children in the United States," C. WINQUIST NORD and A. RHOADS (Child Trends, Inc.)
(9208)	169	"Social Security Earnings of Wives Relative to Their Husbands: A Cohort Analysis", H. M. IAMS (Social Security Administration)
(9209)	170	"Private Health Insurance and the Utilization of Medical Care by the Elderly, V. WILCOX-GOK and J. RUBIN
(9210)	171	"Analyzing Spells of Program Participation in the SIPP," G. KALTON, D. P. MILLER, AND J. LEPKOWSKI
(9211)	172	"Time in Panel Effects in the SIPP," G. KALTON, J. M. LEPKOWSI, S. G. PENNELL, D. P. MILLER AND E. LUIS.
(9301)	173	"Multiple Program Use in a Dynamic Context: Data from the SIPP," R. M. BLANK (Northwestern University) and P. RUGGLES (The Urban Institute)
(9302)	174	"A Comparative Analysis of the Labor Force Activities of Ethnic Populations," F. D. WILSON (University of Wisconsin-Madison ASA/NSF/Census Fellow) and L. L. WU (University of Wisconsin-Madison)
(9303)	175	"Variance Estimation by User of SIPP Micro-Data Files," R. P. CHAKRABARTY (Census Bureau)
(9304)	176	"Measurements of Job Exits: What Difference Does Ambiguity Make?," T. J. DEVINE (Pennsylvania State University)
(9305)	177	"The Seasonality of Moving: An Analysis of Data from the Survey of Income and Program Participation," D. DEARE (Census Bureau)
(9306)	178	"The Quality of Census Bureau Survey Data Among Respondents with High Income," C. T. NELSON (Census Bureau)
(9307)	179	"Modeling Food Stamp Participation in the Presence of Reporting Errors," C. R. BOLLINGER and M. DAVID (University of Wisconsin)

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(9308)	180	"The Seam Effect in SIPP's Labor Force Data: Did the Recession Make it Worse?," P. RYSCAVAGE (Census Bureau)
(9309)	181	"Where's Papa? Fathers' Role in Child Care" M. O'CONNELL (Census Bureau)
(9310)	182	"Effectiveness of Oversampling Low Income Households in the Survey of Income and Program Participation" T. ALLEN, R. PETRONI and R. SINGH
(9311)	183	"Informal Mechanisms for Government Decision-Making: Case Study of a Team Approach to Redesigning the Survey of Income and Program Participation," D. H. WEINBERG (Census Bureau)
(9312)	184	"The Earned Income Tax Credit: Participation, Compliance, and Antipoverty Effectiveness," J. K. SCHOLZ (University of Wisconsin-Madison)
(9313)	185	"Effects of a Cognitive Interviewing Approach on Response Quality in a Pretest for the SIPP," K. H MARQUIS, J. C. MOORE and K. BOGEN (Census Bureau)
(9314)	186	"Cross-Sectional Imputation and Longitudinal Editing Procedures in the Survey of Income and Program Participation," S. G. PENNELL (The University of Michigan)
(9315)	187	"Who's Wealthy? Who's Not? Stability and Change in Sociodemographic Covariate Structures of Positive, Zero, and Negative Net Worth Data in the Survey of Income and Program Participation," K. C. LAND and S. T. RUSSELL
(9316)	188	"Are College-Educated Young Persons Finding Good Jobs? A Look at Some of the Evidence" P. RYSCAVAGE (Census Bureau)
(9401)	189	"A Comparison of Attrition in the Panel Study of Income Dynamics and the Survey of Income and Program Participation," J. E. ZABEL
(9402)	190	"The Effect of Attrition on Income and Poverty Estimates from the Survey of Income and Program Participation (SIPP)," E. LAMAS, J. TIN and J. EARGLE
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#### **APPENDIX D**

#### **User Notes**

This section is reserved for any information relevant to the SIPP 1996 Panel, Waves 1 through 12 Longitudinal File that indicates specific problems with the data, or that becomes available after the file is released. Any such information should be filed behind this page.

User notes will be sent to all users who purchased their file or technical documentation from the Census Bureau.